



SEALING – ASSEMBLY – ACCESSORIES
A selection of articles for windows and doors



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A selection of articles for windows and doors



Visit our website
www.blaugelb.de



Learn more about our
customer brand blaugelb.

You will find all products presented in detail, including all downloads directly about the product, digital catalogues and flyers and expertise across the board.

The topics covered in this brochure:

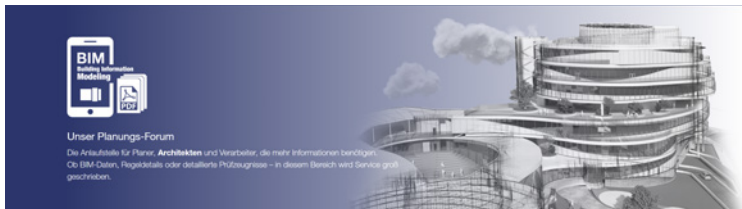
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Our new Meesenburg² portal is our way of offering you an even better, more effective and less complicated way to contact us.



Whether you are looking for technical details, want to experience our systems in an innovative way in the 3D showroom or we have made you curious about one of our web-based events – at www.hochzwei.me you can find all this and much more.

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The new
portal from
Meesenburg



Displayed in the showroom



ALL-IN
ONE
Anschluss
System



The blaugelb
All-In-One Connection System

You want to view this system in an
innovative **3D showroom**?

Then visit our site at www.hochzwei.me
and discover more exciting details.

- ➔ High quality, **web-based seminars** on exciting topics
- ➔ Innovative **3D showroom** with our system solutions
- ➔ Planning forum with **technical details** for planners and architects
- ➔ Extensive **BIM data** for our blaugelb pre-wall installation system

Many more **exciting topics** are waiting for you. Indulge your curiosity and give us a click.

Today I would like to introduce
Meesenburg²
to you – our multiplier for information, services and support.



Indulge your
curiosity

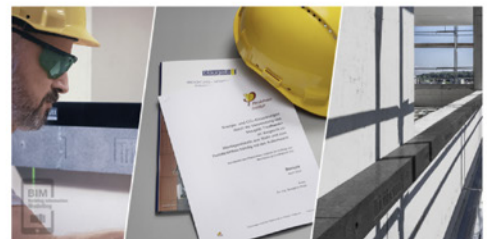
UNSERE SYSTEME



Ein gutes Produkt ist viel wert, aber mehrere Produkte die aufeinander abgestimmt und geprüft sind, bilden ein wertvolles System. Die **Vorteile dieser Systeme** sind nicht von der Hand zu weisen – sie sparen Zeit, Aufwand und somit ...

[Zur Rubrik](#)

BIM-DATEN



Wir haben es getan. Ab sofort können Sie unser blaugelb Triothem+ Vorwandmontagesystem direkt in Ihr Planungssystem übernehmen. Hierfür stellen wir Ihnen **ausführliche BIM-Daten** zur Verfügung und unterstützen Sie darüber hinaus bei aufkommenden ...

[Zur Rubrik](#)

ALLGEMEINE DOWNLOADS



Montageanleitungen, Regeldetails, Präsentationen oder Ergebnisse - hier werden Sie fündig. **Filtern Sie Ihre Interessen** und erhalten Sie mit wenigen Klicks Ihre Downloads zu den ausgestellten Themen aber auch zu rund um die Montage ...

[Zur Rubrik](#)



Planning reliability with the blaugelb Protect system

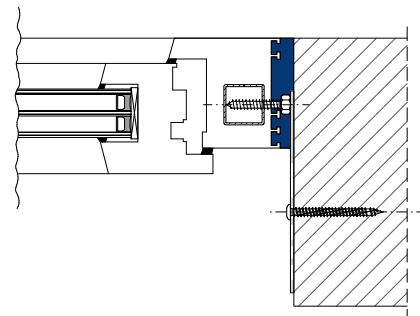
The tested blaugelb Protect fastening system enables building components to be attached adjustably, without the use of wedges and with craftsmanship quality. It also meets safety-relevant requirements.

The blaugelb Protect fastening system can be combined with all sealing systems.

Tested characteristics:

- **Fall arrest in accordance with the ETB guideline**
"Components providing fall arrest protection"
- **RC 2 tested**
Generally suitable for RC 2 tested and approved construction elements
- **Allgemeines bauaufsichtliches Prüfzeugnis (AbP, general appraisal certificate)**
- Horizontal rated values for resistance

Material	Frame screw Fix FK-T30
Hollow brick (HLZ), SFK 8	7.5 x 182 mm
Hollow brick (HLZ), SFK 12	7.5 x 182 mm
Sand-lime brick, SFK 12	7.5 x 62 mm
Concrete C25	7.5 x 42 mm
Aerated concrete PP4, SFK 4	7.5 x 182 mm
Aerated concrete PP6, SFK 6	7.5 x 182 mm
Aerated concrete PP2, SFK 2 with blaugelb Protect Y solution	7.5 x 212 mm
Solid structural timber, C24	7.5 x 62 mm



- Adjust easily and fasten securely
- Adjustable, and therefore variable in joint widths
- Fastenings permanently suitable for use
- Secure fastening, even with high element weights
- Compliant displacement of anchoring plane away from the at-risk edge area of the anchoring base
- Ideally suited for use in combination with multifunctional tape
- No side spacer blocks required
- Tested for fastening of fall arrester elements
- Invisible fastening with the sash open
- Ideal fastening for fixed glazed elements (without removing window glass)
- Perforation optionally for frame fixing screw or wall-plug system installation
- Static rated resistances to suction/pressure
- Vertical load introduction
- Can be pre-mounted in the factory

blaugelb

Protect fastening system

Tested safety, for a good feeling.

The tested blaugelb Protect fastening system enables building components to be attached adjustably, without the use of wedges and with craftsmanship quality. It also meets safety-relevant requirements.

The blaugelb Protect fastening system can be combined with all sealing systems.



The blaugelb Protect fastening system is a simple but adjustable fastening for wood, plastic and aluminium windows which can be fitted around the edges at any required attachment point. The required attachment points of the construction elements and their spacing to one another is guided by the general fitting guidelines (e.g. current RAL "Installation Guidelines, Chapter 5"), taking account of the window weights and, if applicable, the anticipated additional loads.

Technical data:

Material:	White galvanised strip steel
Dimensions:	2.5 x 30 x 100 mm 2.5 x 30 x 150 mm 2.5 x 30 x 220 mm 2.5 x 30 x 280 mm
Hole diameter:	8.05 mm for fastening using blaugelb Frame Screw Fix FK-T30 10.5 mm for fastening using a wall-plug system dia. 10 mm
Longitudinal perforation length:	25 mm
Adjusting screw:	integrated, pivotable 7.5 x 35/50/70/90 mm T30, white galvanised with tightened hexagonal nut
Adjustment:	using the tightened hexagon nut with blaugelb WAF 13 mm spanner (not included in scope of delivery)
Fastening to building structure:	blaugelb Frame Screw Fix FK-T30 x L or wall-plug system dia. 10 mm
Preliminary drilled hole in window frame:	dia. 5 mm blind hole, facing the installation joint
Reinforcement in window frame (plastic):	at least 1.5 mm, screw-fastening of reinforcement as per profile system specifications

Product name	PU	Item no.
blaugelb Protect Offset Adjusting Screw 150/35 mm	50 pieces	9066758
blaugelb Protect Offset Adjusting Screw 150/50 mm	50 pieces	9066759
blaugelb Protect Offset Adjusting Screw 150/70 mm	30 pieces	9068749
blaugelb Protect 150/35 mm	50 pieces	0428828
blaugelb Protect 150/50 mm	50 pieces	0428830
blaugelb Protect 150/70 mm	50 pieces	0428831
blaugelb Protect 150/90 mm	50 pieces	0428832
blaugelb Protect 150/without adjusting screw	50 pieces	0428833
blaugelb Protect 220/35 mm	25 piecess	0428834
blaugelb Protect 220/50 mm	25 piecess	0428835
blaugelb Protect 220/70 mm	25 piecess	0428836
blaugelb Protect 220/90 mm	25 piecess	0428837
blaugelb Protect 280/35 mm	25 piecess	0428838
blaugelb Protect 280/50 mm	25 piecess	0428839
blaugelb Protect 280/70 mm	25 piecess	0428840
blaugelb Protect 280/90 mm	25 piecess	0428841
blaugelb Protect WAF 13 mm spanner	1 piece	0428842
blaugelb Frame Screw Fix FK-T30 7.5x42 mm galv.	100 pieces	0422310
blaugelb Frame Screw Fix FK-T30 7.5x62 mm galv.	100 pieces	0422314
blaugelb Frame Screw Fix FK-T30 7.5x132 mm galv.	100 pieces	0422327
blaugelb Frame Screw Fix FK-T30 7.5x182 mm galv.	100 pieces	0422331
blaugelb Frame Screw Fix FK-T30 7.5x212 mm galv.	100 pieces	0422333

Product name	PU	Item no.
blaugelb Protect Offset Adjusting Screw 100/35 mm	50 pieces	9072634
blaugelb Protect Offset Adjusting Screw 100/50 mm	50 pieces	9072635
blaugelb Protect Offset Adjusting Screw 100/70 mm	30 pieces	9072636
blaugelb Protect Offset Adjusting Screw 100/90 mm	30 pieces	9072637

Naturally also with
 passive house certification



How pre-wall installation works today.

The individual profiles have an innovative dovetail joint, which means that transporting them to the construction site is no longer a major exercise in logistics. The compact profiles can be extended effortlessly at any time, even with larger windows.

Not only does the blaugelb Hybrid Polymer Power Fix keep blaugelb Triotherm⁺ profiles in place until they are bolted to the wall, it also

provides an increased measure of security and sealing quality between the wall and blaugelb Triotherm⁺ profiles. The blaugelb Frame Screw Fix FK-T30 anchors the blaugelb Triotherm⁺ profiles securely in the bearing structure, ensuring a safe, mechanical attachment.

The window can now be secured directly in the blaugelb Triotherm⁺ profile without needing to pre-drill holes. The sealant is then applied as normal.

Excerpt from our system tests*:

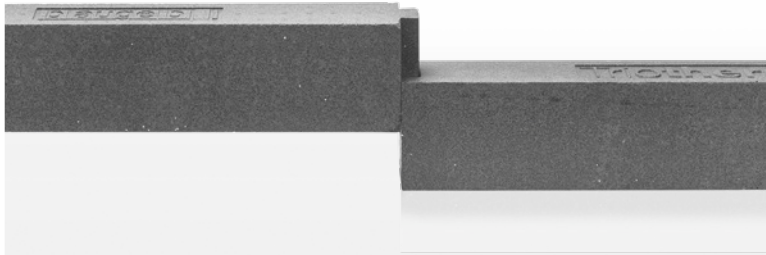
Component test (attachment)	ift guideline MO-02/1	✓
Component test (sealing)	ift guideline MO-01/1	✓
ETB dynamic (connection of a fall-arresting system to the structure, pendulum impact)	requirement from the ETB guideline "Components providing fall arrest protection"	✓
ETB static (connection of a fall-arresting system to the structure, compression test)	requirement from the ETB guideline "Components providing fall arrest protection"	✓
Concentrated load tests (static rated values for resistance, rated vertical/horizontal values)	ift guideline MO-02/1	✓
Burglary resistance for RC 2 and RC 3	according to the requirements of DIN EN 1627 to EN 1630	✓
Sound insulation	DIN EN ISO 10140-1 and EN ISO 717-1	✓
Passive house certified	Passive House Institute, window fitting system	✓
Fire protection	GAS MPA Braunschweig	✓

*Tests are available to download from www.blaugelb.de or on enquiry

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Triotherm⁺ profilesThe Triotherm⁺ profile – part of the blaugelb Triotherm⁺ system.

The blaugelb Triotherm⁺ profiles are part of the Triotherm⁺ overall system for building element installation in the insulating layer of façades. They transfer all loads arising reliably and without distortion, and systematically apply them to the load-bearing structure. The blaugelb Triotherm⁺ profiles allow efficient sealing of window connection joints in accordance with the applicable regulations.



A major area of application of the blaugelb Triotherm⁺ profiles is for extending the masonry jamb in the insulation layer of the façade, as the load-bearing, dimensionally stable installation surface for the assembly parts to be fitted. Using the mechanical attachment, the blaugelb Triotherm⁺ profiles can safely transfer the resulting forces into the load-bearing structure. blaugelb Triotherm⁺ profiles made from a high-density EPS (expanded polystyrene) are one of the three system components of the blaugelb Triotherm⁺ system. The robust, hard-wearing profiles exhibit load-bearing capacity, can be fitted to the load-bearing structure quickly and easily, and offer thermally isolated load transfer – thermal bridges from the structurally necessary fastening of construction elements are reduced to a minimum. The blaugelb Triotherm⁺ profiles can be integrated perfectly into the insulating zones of all façade systems.

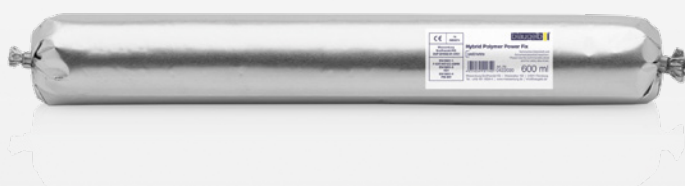
Product benefits:

- Stable dimensions and volume
- Insensitive to moisture and non-ageing
- 100 % recyclable, 100 % free of HCFCs, HFCs and HBCDs
- Thanks to 100 % reversibility of window fastening for renovation, makes a major contribution to sustainable building
- Profiles are easy to machine/saw with a jigsaw or mitre saw (coarse longitudinal-cut blade)
- Can be cut to shape precisely and with minimal dust
- Infinitely extensible by dovetailing
- Profiles exhibit a very low weight and compact dimensions
- Window frames can be screwed on without pre-drilling of the blaugelb Triotherm⁺ profiles
- Waffle structure increases the adhesion of the seal between the base and the blaugelb Triotherm⁺ profiles
- Production process constantly maintains very high dimensional accuracy and geometrical accuracy of the blaugelb Triotherm⁺ profiles
- High inherent stability and flexural strength, high ductility
- Airtight, connection between profile and base is verified by technical tests
- Absorption of high building tolerances flush with windows is verified by technical tests
- Reduces thermal bridges in the mounting plane of the assembly parts

Compressive load bearing capacity at max. total deformation of 2 %:	1,260 kg/dm ²
Compressive load bearing capacity at 60 x 40 mm: (blaugelb Spacer Block)	5,800 N
Compressive load bearing capacity at 210 x 53 mm: (blaugelb Shim Block HST)	15,510 N
Fire behaviour: DIN 4102-1:1998-05 / DIN EN 13501-1:2019-05	B2 / Class E
Thermal conductivity nominal value λ_{10} : DIN EN 12667:2001-05	0.0375 W/m ² K
Air permeability: EN 12207	Class 4
Water vapour diffusion resistance: DIN EN ISO 12086	228 μ
Bending strength: DIN EN 12089	$\geq 2,490$ kPa
Compression stress (2 %) compression: DIN EN DIN EN 13163:2017 / EN 826:2013-05	$\geq 1,435$ kPa
Shear strength: DIN EN ISO 14130	0.217 N/mm ²
Screw withdrawal value: (Frame screw Fix FK-T30 7.5 x 62 mm)	2,100 N
Water absorption after 28 days under water: DIN 12087	≤ 0.5 vol. %
Compatibility with conventional building materials:	Compatible, except for solvents, solvent-bearing materials and materials that are not polystyrene-compatible

Product name	PU	Item no.
blaugelb Triotherm ⁺ profile 70x85x1175 mm	Bundle of 9 pcs.	0420838
blaugelb Triotherm ⁺ profile 100x85x1175 mm	Bundle of 6 pcs.	0425988
blaugelb Triotherm ⁺ profile 120x85x1175 mm	Bundle of 6 pcs.	0420839
blaugelb Triotherm ⁺ profile 140x85x1175 mm	Bundle of 6 pcs.	9035238
blaugelb Triotherm ⁺ profile 160x85x1175 mm	Bundle of 6 pcs.	0420840
blaugelb Triotherm ⁺ profile 180x85x1175 mm	Bundle of 3 pcs.	9035239
blaugelb Triotherm ⁺ profile 200x85x1175 mm	Bundle of 3 pcs.	9021633
blaugelb Triotherm ⁺ profile 230x85x1175 mm	Bundle of 2 pcs.	9021632

The blaugelb Hybrid Polymer Power Fix white for very high-performance **sealing and fastening**.



The blaugelb Hybrid Polymer Power Fix 600 ml white is a one-component permanently elastic sealant that is suitable for sealing expansion and connecting joints.

Because the blaugelb Hybrid Polymer Power Fix 600 ml white exhibits not only excellent sealing properties but is also particularly suitable for fastening components, the product is part of the pre-wall installation system blaugelb Trio^{therm}+, where it is used as a sealant and adhesive for fitting the blaugelb Trio^{therm}+ profiles, in conjunction with the triangular nozzle.

Product benefits:

- Outstanding initial adhesion on various substrates
- Rapid full cure
- High-performance sealing
- Weather and UV-resistant, non-fading
- System component of the tested pre-wall installation system blaugelb Trio^{therm}+
- Exceptional final adhesion (320 kg/10 cm²)
- Universally usable for sealing and fastening
- Very good processability
- Moisture and temperature-resistant
- Permanently elastic, compensates for unevenness and material movements
- Silicone, isocyanate, solvent, halogen and acid-free
- Non-corrosive
- Virtually odourless
- Exceptionally suited for time-critical application due to its fast processability
- Cured by atmospheric humidity from outside inwards
- Very good coatability according to DIN 52452-A1*, can be painted over wet-in-wet
- Suitable for all standard construction surfaces*
- Building material class B2 (DIN 4102)
- Tested to be low in pollutants according to EMICODE EC1 Plus

Material base:	1C hybrid polymer
Colour:	White
Curing system:	Polymerisation by atmospheric humidity
Building material class: DIN 4102-4	B2
Curing speed: at 23 °C and 50 % RH	Approx. 3 mm / 24 hrs.
Skin formation: at 23 °C and 50 % RH	Approx. 5 minutes
Density: DIN 53479	1.47 g/ml
Shore A hardness: DIN 53505	60 ± 5
Max. permissible deformation:	20 %
Change in volume: DIN EN ISO 105636	–3 to –4 vol.%
Tensile strength: DIN 53504	3.5 N/mm ²
Tensile shear strength: DIN 53504	1.4 N/mm ²
Modulus of elasticity 100 %: DIN EN ISO 8339	2.3 N/mm ²
Elongation at break: DIN 53504	400 %
Elastic recovery: ISO 7389-B	> 75 %
Solvent content:	Free
Isocyanate content:	Free
Processing temperature:	Ambient: 0 °C to +40 °C Substrate: 0 °C to +35 °C
Temperature resistance:	from –40 °C to +90 °C
Moisture resistance:	Waterproof
Ecological report:	EMICODE EC1 Plus
Overpainting:	Very good coatability according to DIN 52452-A1, can be painted over wet-in-wet
Storage life:	12 months in unopened pack at +5 °C to +25 °C
Delivery form:	600 ml tubular bag

*Carry out suitable pretests

Product name

blaugelb Hybrid Polymer Power Fix 600 ml white

PU

20 bags

Item no.

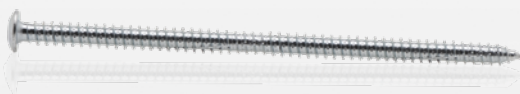
0422030

blaugelb

Frame Screw Fix FK-T30

The Frame Screw Fix – part of the blaugelb Trio**therm**⁺ system.

The blaugelb Frame Screw Fix FK-T30 for faster and **more precise screwing** with maximum reliability.



The blaugelb Frame Screw Fix FK-T30 is the universal fastener for no-plug, efficient installation of construction elements made of wood, PVC, aluminium and wood/aluminium into a wide variety of substrates (concrete, sand-lime brick, solid brick, wood, lightweight concrete, porous concrete, vertically perforated brick).

The blaugelb Frame Screw Fix FK-T30 is especially suitable for the following applications:

- Direct fastening for stainless installation of windows and doors
- Suitable for all frame materials
- Can be used without lateral spacer chocks (verified by technical tests)
- Fastening load-transferring blaugelb Trio**therm**⁺ profiles and auxiliary mounting brackets and supports

Product benefits:

- Established and industry-proven fastening
- Tapered thread tip reduces screw-in torques
- Universal use in a wide range of common building materials
- RC 2 tested, generally suitable for RC 2 tested and approved construction elements
- Distance fastening without lateral chocking (with test certificate)
- Suitable for clamping assembly
- Optimum transmission of the screw-in torques by TX drive

Choosing the right length of screw:

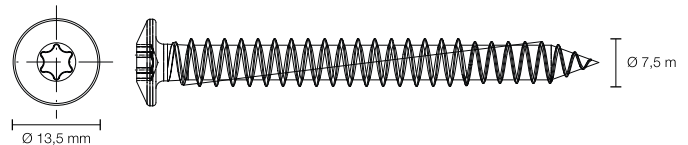
Grip length (e.g. frame or profile width)

+ joint width (recommendation ≤ 15 mm)

+ screw-in depth (depending on construction material, see tech. data sheet)

= screw length

Material:	Case-hardened carbon steel
Surface:	Galvanised white
Thread:	Tapping-screw thread with tapered tip
Diameter:	7.5 mm
Diameter of head:	13.5 mm
Drive:	TX T30
Head shape:	Flat head



Product name	PU	Item no.
blaugelb Frame Screw Fix FK-T30 7.5x42 mm galv.	100 pieces	0422310
blaugelb Frame Screw Fix FK-T30 7.5x62 mm galv.	100 pieces	0422314
blaugelb Frame Screw Fix FK-T30 7.5x72 mm galv.	100 pieces	0422318
blaugelb Frame Screw Fix FK-T30 7.5x82 mm galv.	100 pieces	0422319
blaugelb Frame Screw Fix FK-T30 7.5x92 mm galv.	100 pieces	0422320
blaugelb Frame Screw Fix FK-T30 7.5x102 mm galv.	100 pieces	0422321
blaugelb Frame Screw Fix FK-T30 7.5x112 mm galv.	100 pieces	0422324
blaugelb Frame Screw Fix FK-T30 7.5x122 mm galv.	100 pieces	0422325
blaugelb Frame Screw Fix FK-T30 7.5x132 mm galv.	100 pieces	0422327
blaugelb Frame Screw Fix FK-T30 7.5x152 mm galv.	100 pieces	0422329
blaugelb Frame Screw Fix FK-T30 7.5x182 mm galv.	100 pieces	0422331
blaugelb Frame Screw Fix FK-T30 7.5x212 mm galv.	100 pieces	0422333
blaugelb Frame Screw Fix FK-T30 7.5x252 mm galv.	50 pieces	0423707
blaugelb Frame Screw Fix FK-T30 7.5x300 mm galv.	50 pieces	0422334
blaugelb Frame Screw Fix FK-T30 7.5x350 mm galv.	50 pieces	9035135
blaugelb Frame Screw Fix FK-T30 7.5x400 mm galv.	50 pieces	9035136



The blaugelb Frame Screw Fix ZK-T30 for faster and **more precise screwing** with maximum reliability.

The blaugelb Frame Screw Fix ZK-T30 is the universal fastener for no-plug, efficient installation of construction elements made of wood, PVC, aluminium and wood/aluminium into a wide variety of substrates (concrete, sand-lime brick, solid brick, wood, lightweight concrete, porous concrete, vertically perforated brick).

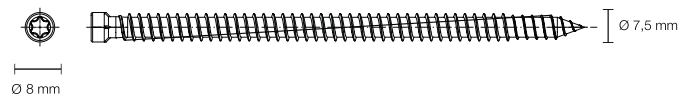
The blaugelb Frame Screw Fix ZK-T30 is especially suitable for the following applications:

- Direct fastening for stressless installation of windows and doors
- Suitable for all frame materials
- Can be used without lateral spacer chocks (verified by technical tests)
- Used preferably in wood and wood/aluminium windows

Product benefits:

- Established and industry-proven fastening
- Tapered thread tip reduces screw-in torques
- Universal use in a wide range of common building materials
- RC 2 tested, generally suitable for RC 2 tested and approved construction elements
- Distance fastening without lateral chocking (with test certificate)
- Suitable for clamping assembly
- Optimum transmission of the screw-in torques by TX drive
- Optimum head shape prevents splicing of wooden frame materials

Material:	Case-hardened carbon steel
Surface:	Galvanised white
Thread:	Tapping-screw thread with tapered tip
Diameter:	7.5 mm
Diameter of head:	8 mm
Drive:	TX T30
Head shape:	Cylinder head



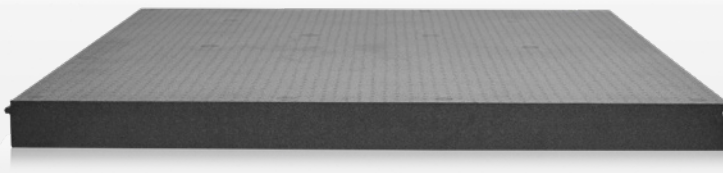
Product name	PU	Item no.
blaugelb Frame Screw Fix ZK-T30 7.5x42 mm galv.	100 pieces	0423708
blaugelb Frame Screw Fix ZK-T30 7.5x62 mm galv.	100 pieces	0423709
blaugelb Frame Screw Fix ZK-T30 7.5x72 mm galv.	100 pieces	0423710
blaugelb Frame Screw Fix ZK-T30 7.5x82 mm galv.	100 pieces	0423711
blaugelb Frame Screw Fix ZK-T30 7.5x92 mm galv.	100 pieces	0423712
blaugelb Frame Screw Fix ZK-T30 7.5x102 mm galv.	100 pieces	0423713
blaugelb Frame Screw Fix ZK-T30 7.5x112 mm galv.	100 pieces	0423714
blaugelb Frame Screw Fix ZK-T30 7.5x122 mm galv.	100 pieces	0423715
blaugelb Frame Screw Fix ZK-T30 7.5x132 mm galv.	100 pieces	0423716
blaugelb Frame Screw Fix ZK-T30 7.5x152 mm galv.	100 pieces	0423717
blaugelb Frame Screw Fix ZK-T30 7.5x182 mm galv.	100 pieces	0423718
blaugelb Frame Screw Fix ZK-T30 7.5x212 mm galv.	100 pieces	0423719
blaugelb Frame Screw Fix ZK-T30 7.5x252 mm galv.	50 pieces	0423720
blaugelb Frame Screw Fix ZK-T30 7.5x300 mm galv.	50 pieces	0423721

blaugelb

Insulation Panel MultiPro EPS

For long-lasting insulation.

High-quality insulation panels MultiPro EPS for
**uncompromisingly high-grade, long-term
insulation.**



The blaugelb Insulation Panel MultiPro EPS is made from a highly compacted EPS (expanded polystyrene) and offers the best possible heat and moisture protection in the vicinity of windows and façades. A major area of application of the blaugelb Insulation Panel MultiPro EPS is meeting the high requirements placed on passive houses, low-energy houses/thermal rehabilitation. The blaugelb insulation panels allow consistent and homogeneous insulation to be achieved, ensuring that no valuable heat-energy is lost.

Product benefits:

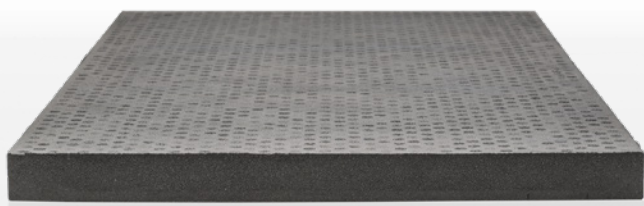
- Tongue and groove connection for unlimited extension
- 100 % recyclable
- 100 % HCFC, HFC and HBCD-free
- High-density (expanded) polystyrene
- High ductility
- Enables sustainable construction thanks to reversibility of window sealing and fastening when renovating
- blaugelb insulation panels are easy to machine/saw with a jigsaw or mitre saw (coarse longitudinal-cut blade)
- Can be cut to size precisely with little dust
- Low weight, high pressure resistance and high screw withdrawal values
- High inherent stability and flexural strength
- Does not produce fine dust harmful to the lungs when being processed (e.g. compared with mineral wool)
- Dimensionally stable
- Easy to process
- Insensitive to moisture

Air permeability: EN 12207	Class 4
Water vapour diffusion resistance: DIN EN ISO 12086	228 µ
Airborne sound insulation: DIN EN ISO 717-1 (with an area of 0.8 m²)	30 mm: R_w 28.0 dB ± 1.2 dB 40 mm: R_w 28.5 dB ± 1.2 dB 60 mm: R_w 31.9 dB ± 1.2 dB 80 mm: R_w 33.9 dB ± 1.2 dB
Bending strength: DIN EN 12089	≥ 2,490 kPa
Compression stress (2 %) compression: DIN EN DIN EN 13163:2017 / EN 826:2013-05	≥ 1,435 kPa
Shear strength: DIN EN ISO 14130	0.217 N/mm²
Dimensional strength: DIN ISO 75-1	Short-term up to +95 °C Long-term up to +85 °C
Dimensional stability: DIN EN 13163:2015-04	Very high, including outdoor weathering
Water absorption after 28 days under water: DIN 12087	≤ 0.5 vol. %
Screw withdrawal values: blaugelb Frame Screw Fix FK-T30 7.5x42 mm sfs window sill screw 4.5x35 mm	$F_{RK, AZ}$ 1,200 N $F_{RK, AZ}$ 510 N
Compatibility with conventional building materials:	Compatible, except for solvents, solvent-bearing materials and materials that are not polystyrene-compatible

Compressive load bearing capacity at max. total deformation of 2 %:	1,260 kg/dm²
Compressive load bearing capacity at 60 x 40 mm: (blaugelb Spacer Block)	5,800 N
Compressive load bearing capacity at 210 x 53 mm: (blaugelb Shim Block HST)	15,510 N
Fire behaviour: DIN 4102-1:1998-05 / DIN EN 13501-1:2019-05	B2 / Class E
Thermal conductivity nominal value λ_{10} : DIN EN 12667:2001-05	0.0403 W/m·K

Product name	PU/pallet	Item no.
blaugelb Insulation Panel MultiPro EPS 30x1200x1200 mm	30 pieces	9049338
blaugelb Insulation Panel MultiPro EPS 35x1200x1200 mm	27 pieces	9049339
blaugelb Insulation Panel MultiPro EPS 40x1200x1200 mm	24 pieces	9049340
blaugelb Insulation Panel MultiPro EPS 45x1200x1200 mm	22 pieces	9066610
blaugelb Insulation Panel MultiPro EPS 50x1200x1200 mm	20 pieces	9049341
blaugelb Insulation Panel MultiPro EPS 55x1200x1200 mm	18 pieces	9049342
blaugelb Insulation Panel MultiPro EPS 60x1200x1200 mm	17 pieces	9049343
blaugelb Insulation Panel MultiPro EPS 65x1200x1200 mm	16 pieces	9049354
blaugelb Insulation Panel MultiPro EPS 70x1200x1200 mm	15 pieces	9049355
blaugelb Insulation Panel MultiPro EPS 75x1200x1200 mm	14 pieces	9049356
blaugelb Insulation Panel MultiPro EPS 80x1200x1200 mm	13 pieces	9049357

High-quality Insulation Panels EPS for **uncompromisingly high-grade, long-term insulation.**



The blaugelb Insulation Panel EPS is made from a highly compacted EPS (expanded polystyrene) and offers the best possible heat and moisture protection in the vicinity of windows and façades. A major area of application of the blaugelb Insulation Panel EPS is meeting the high requirements placed on passive houses, low-energy houses and heating system renovation. The blaugelb insulation panels allow consistent and homogeneous insulation to be achieved, ensuring that no valuable heating energy is lost. This external insulation keeps the heat inside the room. Insulating the outside ensures that heat is retained in the masonry, exploiting the storage capacity of the blaugelb Insulation Panel EPS material.

Product benefits:

- 100 % recyclable
- 100 % HCFC, HFC and HBCD-free
- High-density (expanded) polystyrene
- High ductility
- Enables sustainable construction thanks to reversibility of window sealing and fastening when renovating
- blaugelb insulation panels are easy to machine/saw with a jigsaw or mitre saw (coarse longitudinal-cut blade)
- Can be cut to size precisely with little dust
- Low weight, high pressure resistance and high screw withdrawal values
- High inherent stability and flexural strength
- Does not produce fine dust harmful to the lungs when being processed (e.g. compared with mineral wool)
- Dimensionally stable
- Easy to process
- Insensitive to moisture

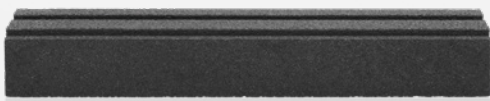
Compressive load bearing capacity at max. total deformation of 2 %:	1,260 kg/dm²
Compressive load bearing capacity at 60 x 40 mm: (blaugelb Spacer Block)	5,800 N
Compressive load bearing capacity at 210 x 53 mm: (blaugelb Shim Block HST)	15,510 N
Fire behaviour: DIN 4102-1:1998-05 / DIN EN 13501-1:2019-05	B2 / Class E
Thermal conductivity nominal value λ_{10} : DIN EN 12667:2001-05	0.0403 W/m·K
Air permeability: EN 12207	Class 4
Water vapour diffusion resistance: DIN EN ISO 12086	228 μ
Airborne sound insulation: DIN EN ISO 717-1 (with an area of 0.8 m²)	30 mm: R_w 28.0 dB \pm 1.2 dB 40 mm: R_w 28.5 dB \pm 1.2 dB
Bending strength: DIN EN 12089	\geq 2,190 kPa
Compression stress (2 % compression): DIN EN DIN EN 13163:2017 / EN 826:2013-05	\geq 1,435 kPa
Shear strength: DIN EN ISO 14130	0.217 N/mm²
Dimensional strength: DIN ISO 75-1	Short-term up to +95 °C Long-term up to +85 °C
Dimensional stability: DIN EN 13163:2015-04	Very high, including outdoor weathering
Water absorption after 28 days under water: DIN 12087	\leq 0.5 vol. %
Screw withdrawal values: blaugelb Frame Screw Fix FK-T30 7.5x42 mm sfs window sill screw 4.5x35 mm	$F_{Rk, AZ}$ 1,200 N $F_{Rk, AZ}$ 510 N
Compatibility with conventional building materials:	Compatible, except for solvents, solvent-bearing materials and materials that are not polystyrene-compatible

Product name	PU/pallet	Item no.
blaugelb Insulation Panel EPS 20x600x1200 mm	44 pieces	9078028
blaugelb Insulation Panel EPS 30x600x1200 mm	30 pieces	9078029
blaugelb Insulation Panel EPS 35x600x1200 mm	27 pieces	9078030
blaugelb Insulation Panel EPS 40x600x1200 mm	24 pieces	9078031

blaugelb

Sill Connection Profile

For an ideal thermal separation between the exterior and interior window sill.

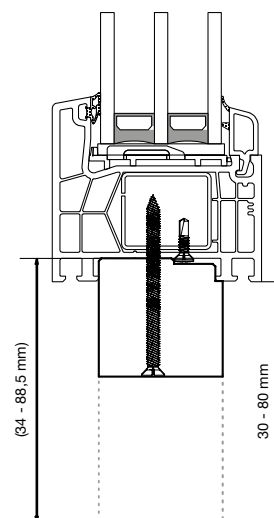


The blaugelb Sill Connection Profile made of highly compressed EPS (expanded polystyrene) offers the best possible heat and moisture protection and enables technically and visually clean installation/attachment of the exterior and interior window sill that is individually adapted to the installed window or door elements – including optimal thermal separation.

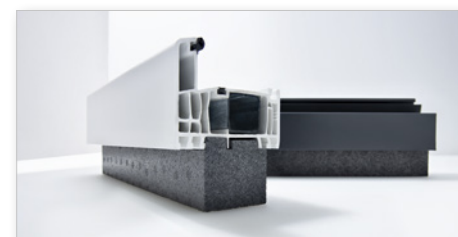
Product benefits:

- Provides technically and visually clean support for the exterior and interior window sill
- Secure load transfer, even with high element weights
- The flat flanks ensure no deformation in the area of the spacer block perpendicular to the window plane, thus preventing impermissible movement when used
- Reduction of service required for window adjustment
- Reduction of the thermal bridge between the interior window sill and the exterior window sill
- Guarantees good thermal insulation
- Suitable for all plastic and/or aluminium windows due to individual cutting
- Suitable for stone and aluminium window sills due to the overall height of 35 and 40 mm
- Secured screw connection of the aluminium window sill
- Tongue and groove connection for unlimited extension
- Optimal transport, pallet size 1,200 mm
- Area of application in new and old buildings
- One solution for all profile systems
- Tested to be low in pollutants according to EMICODE EC1 Plus

Bending strength: DIN EN 12089	≥ 2,490 kPa
Airborne sound insulation: DIN EN ISO 717-1 (with an area of 0.8 m²)	40 mm: R_w 28.5 dB ± 1.2 dB
Compression stress (2 %) compression: DIN EN DIN EN 13163:2017 / EN 826:2013-05	≥ 1,435 kPa
Shear strength: DIN EN ISO 14130	0.217 N/mm²
Dimensional strength: DIN ISO 75-1	Short-term up to +95 °C Long-term up to +85 °C
Dimensional stability: DIN EN 13163:2015-04	Very high, including outdoor weathering
Water absorption after 28 days under water: DIN 12087	≤ 0.5 vol. %
Screw withdrawal values: blaugelb Frame Screw Fix FK-T30 7.5x42 mm sfs window sill screw 4.5x35 mm	$F_{RK, AZ}$ 1,200 N $F_{RK, AZ}$ 510 N
Compatibility with conventional building materials:	Compatible, except for solvents, solvent-bearing materials and materials that are not polystyrene-compatible



Profile-specific production for **optimal use** with different systems – at heights up to 80 mm.



Compressive load bearing capacity at max. total deformation of 2 %:	1,260 kg/dm²
Compressive load bearing capacity at 60 x 40 mm: (blaugelb Spacer Block)	5,800 N
Fire behaviour: DIN 4102-1:1998-05 / DIN EN 13501-1:2019-05	B2 / Class E
Thermal conductivity nominal value λ_{10} : DIN EN 12667:2001-05	0.0403 W/m·K
Water vapour diffusion resistance: DIN EN ISO 12086	228 μ
Air permeability: EN 12207	Class 4

Sill Connection Profile

For an ideal thermal separation between the exterior and interior window sill.



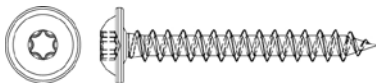
Product name	PU	Item no.
blaugelb Sill Connection Profile Aluplast 30(37)x40x1200 mm Aluplast IDEAL 4000, compatible with Aluplast IDEAL 5000	29 pcs.	3100000893
blaugelb Sill Connection Profile Aluplast 35(42)x40x1200 mm Aluplast IDEAL 4000, compatible with Aluplast IDEAL 5000	26 pcs.	3100000164
blaugelb Sill Connection Profile Aluplast 40(47)x40x1200 mm Aluplast IDEAL 4000, compatible with Aluplast IDEAL 5000	23 pcs.	3100000894
blaugelb Sill Connection Profile Aluplast 45(52)x40x1200 mm Aluplast IDEAL 4000, compatible with Aluplast IDEAL 5000	21 pcs.	3100000895
blaugelb Sill Connection Profile Aluplast 50(57)x40x1200 mm Aluplast IDEAL 4000, compatible with Aluplast IDEAL 5000	19 pcs.	3100000896
blaugelb Sill Connection Profile Aluplast 30(37)x40x1200 mm Aluplast IDEAL 7000, compatible with Aluplast IDEAL 8000	29 pcs.	3100000897
blaugelb Sill Connection Profile Aluplast 35(42)x40x1200 mm Aluplast IDEAL 7000, compatible with Aluplast IDEAL 8000	26 pcs.	3100000205
blaugelb Sill Connection Profile Aluplast 40(47)x40x1200 mm Aluplast IDEAL 7000, compatible with Aluplast IDEAL 8000	23 pcs.	3100000898
blaugelb Sill Connection Profile Aluplast 45(52)x40x1200 mm Aluplast IDEAL 7000, compatible with Aluplast IDEAL 8000	21 pcs.	3100000899
blaugelb Sill Connection Profile Aluplast 50(57)x40x1200 mm Aluplast IDEAL 7000, compatible with Aluplast IDEAL 8000	19 pcs.	3100000920
blaugelb Sill Connection Profile Gealan 30(38)x45x1200 mm Gealan S9000 compatible with Gealan S7000 iQ and S8000 iQ	28 pcs.	3100000208
blaugelb Sill Connection Profile Gealan 35(43)x45x1200 mm Gealan S9000 compatible with Gealan S7000 iQ and S8000 iQ	25 pcs.	3100000163
blaugelb Sill Connection Profile Gealan 40(48)x45x1200 mm Gealan S9000 compatible with Gealan S7000 iQ and S8000 iQ	23 pcs.	3100000207
blaugelb Sill Connection Profile Gealan 45(53)x45x1200 mm Gealan S9000 compatible with Gealan S7000 iQ and S8000 iQ	21 pcs.	3100000912
blaugelb Sill Connection Profile Gealan 50(58)x45x1200 mm Gealan S9000 compatible with Gealan S7000 iQ and S8000 iQ	19 pcs.	3100000420
blaugelb Sill Connection Profile Gealan 60(68)x45x1200 mm Gealan S9000 compatible with Gealan S7000 iQ and S8000 iQ	16 pcs.	3100000348
blaugelb Sill Connection Profile Gealan 70(78)x45x1200 mm Gealan S9000 compatible with Gealan S7000 iQ and S8000 iQ	14 pcs.	3100000421
blaugelb Sill Connection Profile Inoutic 30(38)x40x1200 mm Inoutic Prestige 76	28 pcs.	3100000917
blaugelb Sill Connection Profile Inoutic 35(43)x40x1200 mm Inoutic Prestige 76	25 pcs.	3100000161
blaugelb Sill Connection Profile Inoutic 40(48)x40x1200 mm Inoutic Prestige 76	23 pcs.	3100000918
blaugelb Sill Connection Profile Inoutic 45(53)x40x1200 mm Inoutic Prestige 76	21 pcs.	3100000919
blaugelb Sill Connection Profile Inoutic 50(58)x40x1200 mm Inoutic Prestige 76	19 pcs.	3100000940
blaugelb Sill Connection Profile Inoutic 30(37)x40x1200 mm Inoutic Eforte 84	29 pcs.	3100000930
blaugelb Sill Connection Profile Inoutic 35(42)x40x1200 mm Inoutic Eforte 84	26 pcs.	3100000160
blaugelb Sill Connection Profile Inoutic 40(47)x40x1200 mm Inoutic Eforte 84	23 pcs.	3100000931
blaugelb Sill Connection Profile Inoutic 45(52)x40x1200 mm Inoutic Eforte 84	21 pcs.	3100000932
blaugelb Sill Connection Profile Inoutic 50(57)x40x1200 mm Inoutic Eforte 84	19 pcs.	3100000933
blaugelb Sill Connection Profile Profine 30(38.5)x45x1200 mm Profine 88 compatible with Profine 76	28 pcs.	3100000671
blaugelb Sill Connection Profile Profine 35(43.5)x45x1200 mm Profine 88 compatible with Profine 76	25 pcs.	3100000165
blaugelb Sill Connection Profile Profine 40(48.5)x45x1200 mm Profine 88 compatible with Profine 76	22 pcs.	3100000672
blaugelb Sill Connection Profile Profine 45(53.5)x45x1200 mm Profine 88 compatible with Profine 76	20 pcs.	3100000673
blaugelb Sill Connection Profile Profine 50(58.5)x45x1200 mm Profine 88 compatible with Profine 76	19 pcs.	3100000276
blaugelb Sill Connection Profile Profine 80(88.5)x45x1200 mm Profine 88 compatible with Profine 76	12 pcs.	3100000410

Product name	PU	Item no.
blaugelb Sill Connection Profile Rehau 30(38.5)x40x1200 mm Rehau Geneo compatible with Rehau Synego	28 pcs.	3100000952
blaugelb Sill Connection Profile Rehau 35(43)x40x1200 mm Rehau Geneo compatible with Rehau Synego	25 pcs.	3100000166
blaugelb Sill Connection Profile Rehau 40(48)x40x1200 mm Rehau Geneo compatible with Rehau Synego	23 pcs.	3100000953
blaugelb Sill Connection Profile Rehau 45(53)x40x1200 mm Rehau Geneo compatible with Rehau Synego	21 pcs.	3100000954
blaugelb Sill Connection Profile Rehau 50(58)x40x1200 mm Rehau Geneo compatible with Rehau Synego	19 pcs.	3100000955
blaugelb Sill Connection Profile Salamander 30(36)x40x1200 mm Salamander bluEvolution 82	30 pcs.	3100000220
blaugelb Sill Connection Profile Salamander 35(41)x40x1200 mm Salamander bluEvolution 82	26 pcs.	3100000211
blaugelb Sill Connection Profile Salamander 40(46)x40x1200 mm Salamander bluEvolution 82	24 pcs.	3100000921
blaugelb Sill Connection Profile Salamander 45(51)x40x1200 mm Salamander bluEvolution 82	21 pcs.	3100000922
blaugelb Sill Connection Profile Salamander 50(56)x40x1200 mm Salamander bluEvolution 82	20 pcs.	3100000923
blaugelb Sill Connection Profile Salamander 30(36.5)x45x1200 mm Salamander bluEvolution 92	29 pcs.	3100000826
blaugelb Sill Connection Profile Salamander 35(41.5)x45x1200 mm Salamander bluEvolution 92	26 pcs.	3100000827
blaugelb Sill Connection Profile Salamander 40(46.5)x45x1200 mm Salamander bluEvolution 92	23 pcs.	3100000828
blaugelb Sill Connection Profile Salamander 45(51.5)x45x1200 mm Salamander bluEvolution 92	21 pcs.	3100000829
blaugelb Sill Connection Profile Salamander 50(56.5)x45x1200 mm Salamander bluEvolution 92	19 pcs.	3100000830
blaugelb Sill Connection Profile Salamander 30(36.5)x40x1200 mm Salamander Streamline 76 compatible with bluEvolution 92	29 pcs.	3100000821
blaugelb Sill Connection Profile Salamander 35(41.5)x40x1200 mm Salamander Streamline 76 compatible with bluEvolution 92	26 pcs.	3100000822
blaugelb Sill Connection Profile Salamander 40(46.5)x40x1200 mm Salamander Streamline 76 compatible with bluEvolution 92	23 pcs.	3100000823
blaugelb Sill Connection Profile Salamander 45(51.5)x40x1200 mm Salamander Streamline 76 compatible with bluEvolution 92	21 pcs.	3100000824
blaugelb Sill Connection Profile Salamander 50(56.5)x40x1200 mm Salamander Streamline 76 compatible with bluEvolution 92	19 pcs.	3100000825
blaugelb Sill Connection Profile Schüco 30(37)x40x1200 mm Schüco Living 82 compatible with Schüco CT70	29 pcs.	3100000191
blaugelb Sill Connection Profile Schüco 35(42)x40x1200 mm Schüco Living 82 compatible with Schüco CT70	26 pcs.	3100000140
blaugelb Sill Connection Profile Schüco 40(47)x40x1200 mm Schüco Living 82 compatible with Schüco CT70	23 pcs.	3100000929
blaugelb Sill Connection Profile Schüco 45(52)x40x1200 mm Schüco Living 82 compatible with Schüco CT70	21 pcs.	3100000950
blaugelb Sill Connection Profile Schüco 50(57)x40x1200 mm Schüco Living 82 compatible with Schüco CT70	19 pcs.	3100000951
blaugelb Sill Connection Profile Schüco 30(34)x55x1200 mm Schüco AWS 75 compatible with Schüco AWS 70	31 pcs.	3100000624
blaugelb Sill Connection Profile Schüco 35(39)x55x1200 mm Schüco AWS 75 compatible with Schüco AWS 70	27 pcs.	3100000574
blaugelb Sill Connection Profile Schüco 40(44)x55x1200 mm Schüco AWS 75 compatible with Schüco AWS 70	25 pcs.	3100000575
blaugelb Sill Connection Profile Schüco 45(49)x55x1200 mm Schüco AWS 75 compatible with Schüco AWS 70	22 pcs.	3100000576
blaugelb Sill Connection Profile Schüco 50(54)x55x1200 mm Schüco AWS 75 compatible with Schüco AWS 70	20 pcs.	3100000577
blaugelb Sill Connection Profile Schüco 30(35)x55x1200 mm Schüco AWS 75	30 pcs.	3100000578
blaugelb Sill Connection Profile Schüco 35(40)x55x1200 mm Schüco AWS 75	27 pcs.	3100000579
blaugelb Sill Connection Profile Schüco 40(45)x55x1200 mm Schüco AWS 75	24 pcs.	3100000611
blaugelb Sill Connection Profile Schüco 45(50)x55x1200 mm Schüco AWS 75	22 pcs.	3100000612

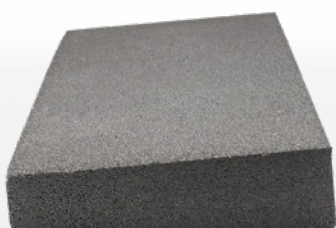
Product name	PU	Item no.
blaugelb Sill Connection Profile Schüco 50(55)x55x1200 mm Schüco AWS 75	20 pcs.	3100000613
blaugelb Sill Connection Profile Schüco 30(35)x70x1200 mm Schüco AWS 90	30 pcs.	3100000620
blaugelb Sill Connection Profile Schüco 35(40)x70x1200 mm Schüco AWS 90	27 pcs.	3100000621
blaugelb Sill Connection Profile Schüco 40(45)x70x1200 mm Schüco AWS 90	24 pcs.	3100000581
blaugelb Sill Connection Profile Schüco 45(50)x70x1200 mm Schüco AWS 90	22 pcs.	3100000622
blaugelb Sill Connection Profile Schüco 50(55)x70x1200 mm Schüco AWS 90	20 pcs.	3100000623
blaugelb Sill Connection Profile Schüco 30(34)x70x1200 mm Schüco AWS 90	31 pcs.	3100000614
blaugelb Sill Connection Profile Schüco 35(39)x70x1200 mm Schüco AWS 90	27 pcs.	3100000615
blaugelb Sill Connection Profile Schüco 40(44)x70x1200 mm Schüco AWS 90	25 pcs.	3100000616
blaugelb Sill Connection Profile Schüco 45(49)x70x1200 mm Schüco AWS 90	22 pcs.	3100000617
blaugelb Sill Connection Profile Schüco 50(54)x70x1200 mm Schüco AWS 90	20 pcs.	3100000618
blaugelb Sill Connection Profile VEKA 30(37)x40x1200 mm Veka Softline 82 AD compatible with Softline 70 and Softline 76	29 pcs.	3100000190
blaugelb Sill Connection Profile VEKA 35(42)x40x1200 mm Veka Softline 82 AD compatible with Softline 70 and Softline 76	26 pcs.	3100000162
blaugelb Sill Connection Profile VEKA 40(47)x40x1200 mm Veka Softline 82 AD compatible with Softline 70 and Softline 76	23 pcs.	3100000883
blaugelb Sill Connection Profile VEKA 45(52)x40x1200 mm Veka Softline 82 AD compatible with Softline 70 and Softline 76	21 pcs.	3100000720
blaugelb Sill Connection Profile VEKA 50(57)x40x1200 mm Veka Softline 82 AD compatible with Softline 70 and Softline 76	19 pcs.	3100000882
blaugelb Sill Connection Profile VEKA 70(72)x40x1200 mm Veka Softline 82 AD compatible with Softline 70 and Softline 76	15 pcs.	3100000626
blaugelb Sill Connection Profile VEKA 80(87)x40x1200 mm Veka Softline 82 AD compatible with Softline 70 and Softline 76	13 pcs.	3100000474

Sealing recommendation: Seal between the window frame and the blaugelb Sill Connection Profile with blaugelb Hybrid Polymer Crystal (item no. 0426600).

To screw onto the window sill, we recommend a window sill screw with pressed-on washer in A2 4.5x35 mm item no. 9024210, RAL 9016 4.5x35 mm item no. 9071019 or RAL 7016 4.5x35 mm item no. 9071018



Pressure-resistant, stable **basis beneath the exterior window sill** prevents cavities.



The blaugelb Insulation Sill Profile creates a 5° incline for the window parapet. Thanks to the blaugelb Insulation Sill Profile, the correct angle (approx. 5° incline) is maintained when installing the exterior window sill. The window sill is prevented from lifting away by locating with blaugelb Hybrid Polymer Power Fix at a number of points to this pressure-resistant, stable base beneath the exterior window sill.

The direct bond between the blaugelb Insulation Sill Profile and the exterior window sill leaves no cavity between the two elements, providing effective sound deadening of the window sill and rendering the use of a sound deadening strip unnecessary.

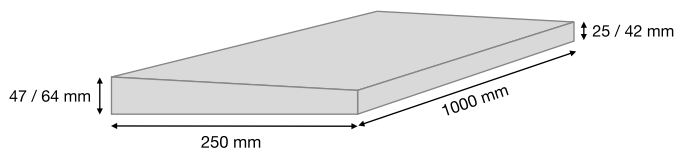
Applications:

- Pressure-resistant base for window sills made from aluminium in ETICS systems
- Sound deadening of the exterior window sill

Product benefits:

- Water-repellent EPS, with appropriate incline for aluminium and stone exterior window sills
- 100 % recyclable
- 100 % HCFC, HFC and HBCD-free
- Enables sustainable construction thanks to reversibility of window sealing and fastening when renovating
- Low weight and compatible with all ETICS systems made from EPS
- Easy to cut to the right length on site
- Sound deadening strips no longer needed
- Problem-free sealing beneath the windowsill
- Insensitive to moisture
- Can be cut to shape precisely and with minimal dust
- Quick to process using a ready-made blaugelb Insulation Sill Profile with defined incline
- Thermally insulating
- Resistant to ageing
- Stable dimensions and volume

Material:	Water-repellent EPS
Colour:	Grey
Fire behaviour: DIN EN 13501-1	Class E
Thermal conductivity nominal value λ_D : DIN EN 12667	0.031 W/m·K
Water vapour diffusion resistance: DIN EN ISO 12572	60 μ
Compression stress (10 %) compression: DIN EN 13163:2015-04	≥ 200 kPa
Compression stress (2 %) compression: DIN EN 13163:2015-04	≥ 100 kPa
Dimensional strength: DIN ISO 75-1	Short-term up to +95 °C Long-term up to +85 °C
Water absorption after 28 days under water: DIN 12087	≤ 1.5 vol. %
Compatibility with conventional building materials:	Compatible, except for solvents, solvent-bearing materials and materials that are not polystyrene-compatible
Ageing resistance:	Mould-proof, does not rot
Waste code:	Code no. 170604 Code no. 170904



Product name	PU	Item no.
blaugelb Insulation Sill Profile 25-47x250x1000 mm	15 pieces	9073204
blaugelb Insulation Sill Profile 42-64x250x1000 mm	15 pieces	0427696

blaugelb

Insulation Wedge EPS

The blaugelb Insulation Wedge EPS is part of the overall system of the blaugelb range for expert building element installation.

The blaugelb Insulation Wedges EPS are an important and additional building block for **effective sealing and window connection** in accordance with the applicable regulations.



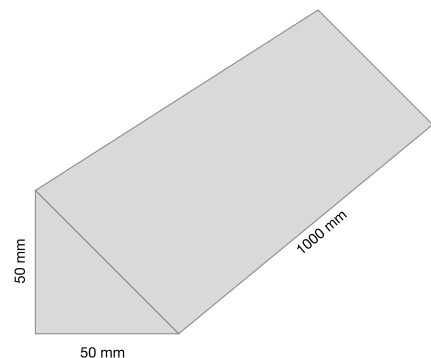
The blaugelb Insulation Wedge EPS is made from an EPS (expanded polystyrene). The insulation wedges are sturdy, resistant and insensitive to moisture. Thanks to the material's outstanding thermal conductivity of 0.031 W/m*K, thermal bridges are prevented/minimised. Because of its low density and ease of processing, efficient and economical installation is assured.



Material:	EPS
Colour:	Grey
Fire behaviour: DIN 4102-1:1998-05	B2
Thermal conductivity nominal value λ_D : DIN EN 12667	$\lambda = 0.031 \text{ W/m}^2\text{K}$
Water vapour diffusion resistance: DIN EN ISO 12572	30 – 70 μ
Bending strength: DIN EN 12089	$\geq 170 \text{ kPa}$
Compression stress (10 %) compression: DIN EN 13163:2015-04	$\geq 120 \text{ kPa}$
Compression stress (2 %) compression: DIN EN 13163:2015-04	$\geq 25 - 40 \text{ kPa}$
Dimensional strength: DIN ISO 75-1	Short-term up to +95 °C Long-term up to +80 to +85 °C
Water absorption after 28 days under water: DIN 12087	3 – 4 vol. %
Compatibility with conventional building materials:	Compatible, except for solvents, solvent-bearing materials and materials that are not polystyrene-compatible
Ageing resistance:	Mould-proof, does not rot
Waste code:	Code no. 170604 Code no. 170904

Product benefits:

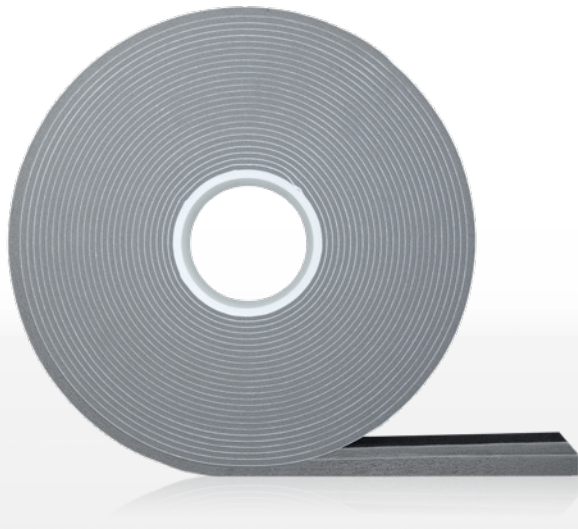
- 100 % recyclable
- 100 % HCFC, HFC and HBCD-free
- Enables sustainable construction thanks to reversibility of window sealing and fastening when renovating
- Low weight
- Thermally insulating
- Easy to use
- Resistant to ageing
- Insensitive to moisture
- Stable dimensions and volume
- Controlled water channelling around the upper connection
- Easy to process



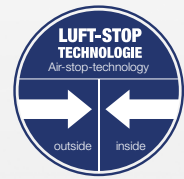
Product name	PU	Item no.
blaugelb Insulation Wedge EPS 50x50x1000 mm	1 piece	0427697

Multifunctional Tape TrioSDL⁷⁵⁰

The blaugelb multifunctional tape of the future – equipped for new requirements.



The blaugelb Multifunctional Tape TrioSDL⁷⁵⁰ with air-stop technology LST – perfect at all levels.



The combination of two special PU foams with the airtight LST membrane has resulted in a heavy-duty multifunctional tape: The blaugelb Multifunctional Tape TrioSDL⁷⁵⁰ with air-stop technology LST protects against storms of the future and guarantees that the requirements arising from the German Building Energy Law (GEG) for sealing the connecting joint are reliably met. The blaugelb Multifunctional Tape TrioSDL⁷⁵⁰ is a pre-compressed 3-level sealing tape with a multi-tiered design for sealing and insulating the connecting joint with only one product.

- **Watertight against driving rain** over 750 Pa and weather-resistant
- **Insulation** against sound and heat in the functional level
- **Airtight** and forms a barrier against vapour on the room side

Product benefits:

- Absolutely airtight, a value = 0.00:
- Requirement of DIN 18542:2020-04 exceeded
- Reliably separates indoor and outdoor climates in the joint by means of the LST membrane
- Watertight against driving rain ≥ 750 Pa – 25 % more protection than required by standards
- With moisture penetration protection, tested in accordance with new DIN 18542:2020-04 MF 1
- The connection area remains dry – which improves the insulation capacity
- Suitable for passive house and zero-energy building standard
- Complies with the principle of “tighter inside than out”
- The light grey inner side is ideal for use with modern exposed concrete walls
- Sealing of a larger joint width with just one tape
- Optimised roll length, resulting in fewer tape joints and less waste
- Moisture and temperature-resistant
- High adhesive strength of the self-adhesive on the standard construction window and door profiles*
- Flexible – absorbs component movements
- Assembly possible irrespective of the weather
- Building material class B1 – difficult to ignite (according to DIN 4102)

- Joint sealing as per GEG, DIN 18355, DIN 4108
- Manufactured under an ISO 9001/EN 29001-compliant quality system
- Tested to be low in pollutants according to EMICODE EC1 Plus

Building material class: DIN 4102	B1 (difficult to ignite)
Stress group: DIN 18542:2020-04	MF 1
Watertightness against driving rain: DIN EN 1027	≥ 750 Pa
Joint permeability coefficient: DIN EN 1026	$a = 0.00 \text{ m}^3 / [\text{h} \cdot \text{m}^2 \cdot (\text{daPa})]$
Thermal conductivity nominal value: DIN EN 12667 DIN 18542:2020-04	$\lambda_{0,10} = 0.052 \text{ W/m} \cdot \text{K}$
Joint sound insulation:	Up to 58 dB
Compatibility with adjacent building materials: DIN 18542:2020-04	Satisfied
Light and weather resistance: DIN 18542:2020-04	Satisfied
sd-value:	Pitch from inside to outside present
U-value with window construction depth 60 / 70 / 80 mm: DIN 4108-3	$U = 0.8 / 0.7 / 0.6 \text{ W}/(\text{m}^2 \cdot \text{K})$
Colour:	Anthracite (outside), grey (inside)

Product name	PU	Item no.
blaugelb Multifunctional Tape TrioSDL ⁷⁵⁰ 54/4-11 mm	5 x 10 m	9083714
blaugelb Multifunctional Tape TrioSDL ⁷⁵⁰ 54/6-17 mm	7 x 15 m	9083715
blaugelb Multifunctional Tape TrioSDL ⁷⁵⁰ 54/9-24 mm	7 x 10 m	9083716
blaugelb Multifunctional Tape TrioSDL ⁷⁵⁰ 64/4-11 mm	4 x 10 m	9083717
blaugelb Multifunctional Tape TrioSDL ⁷⁵⁰ 64/6-17 mm	6 x 15 m	9083718
blaugelb Multifunctional Tape TrioSDL ⁷⁵⁰ 64/9-24 mm	6 x 10 m	9083719
blaugelb Multifunctional Tape TrioSDL ⁷⁵⁰ 74/4-11 mm	4 x 10 m	9083720
blaugelb Multifunctional Tape TrioSDL ⁷⁵⁰ 74/6-17 mm	5 x 15 m	9083721
blaugelb Multifunctional Tape TrioSDL ⁷⁵⁰ 74/9-24 mm	5 x 10 m	9083722

*Carry out suitable pretests.

blaugelb

Multifunctional Tape TrioSDL⁶⁰⁰

Sealing of all 3 levels of the connecting joint with only one product.



The blaugelb multifunctional tape TrioSDL⁶⁰⁰ exhibits the highest performance on **all 3 levels** of the connecting joint.



The blaugelb Multifunctional Tape TrioSDL⁶⁰⁰ is a pre-compressed 3-level sealing tape based on a special impregnated PU foam. The abbreviation **SDL⁶⁰⁰** stands for its properties:

- **Watertight against driving rain** over 600 Pa and weather-resistant (BG 1 tested) on the outside
- **Insulation** against sound and heat in the functional level
- **Airtight** and forms a barrier against vapour on the room side (BG-R tested)

Product benefits:

- Only 1 product and only 1 assembly step for sealing all 3 levels
- Component inspection according to ift guideline MO-01 / 1 : 2007-01
- BG 1 – tested according to DIN 18542
- Moisture and temperature-resistant
- Joint sealing as per EnEV, DIN 18355
- Joint sealing compliant with Leitfaden zur Planung und Ausführung der Montage von Fenstern und Haustüren für Neubau und Renovierung [Guideline for Planning and Implementation of Installation of Windows and Entry Doors for New Construction and Refurbishment]
- Manufactured under an ISO 9001/EN 29001-compliant quality system

Building material class: DIN 4102	B1 (difficult to ignite)
Stress group: DIN 18542	BG 1 and BG R
Watertightness against driving rain: DIN EN 1027	≥ 600 Pa
Joint permeability coefficient: DIN EN 12114	$a \leq 0.1 \text{ m}^3 / [\text{h} \cdot \text{m}^2 (\text{daPa})]$
Joint sound insulation:	up to 59 dB (joint plastered over on both sides)
Compatibility with adjacent building materials: DIN 18542	Satisfied
Light and weather resistance: DIN 18542	Satisfied
Water vapour diffusion resistance: DIN EN ISO 12572	$\mu \leq 100$
sd-value:	open to vapour diffusion
U-value with window construction depth 60 / 70 / 80 / 90 mm: DIN 4108-3	$U = 0.8 / 0.7 / 0.7 / 0.6 \text{ W}/(\text{m}^2 \cdot \text{K})$
Colour:	Anthracite, inside impregnated grey

Product name	PU	Item no.
blaugelb Multifunctional Tape TrioSDL ⁶⁰⁰ 30/6-15	10 x 15 m	0424606
blaugelb Multifunctional Tape TrioSDL ⁶⁰⁰ 35/6-15	8 x 15 m	0424607
blaugelb Multifunctional Tape TrioSDL ⁶⁰⁰ 40/6-15	7 x 15 m	0424608
blaugelb Multifunctional Tape TrioSDL ⁶⁰⁰ 54/6-15	7 x 15 m	0418782
blaugelb Multifunctional Tape TrioSDL ⁶⁰⁰ 64/6-15	6 x 15 m	0418785
blaugelb Multifunctional Tape TrioSDL ⁶⁰⁰ 74/6-15	5 x 15 m	0418786
blaugelb Multifunctional Tape TrioSDL ⁶⁰⁰ 84/6-15	4 x 15 m	0418787
blaugelb Multifunctional Tape TrioSDL ⁶⁰⁰ 30/10-20	10 x 12 m	0424609
blaugelb Multifunctional Tape TrioSDL ⁶⁰⁰ 35/10-20	8 x 12 m	0424610
blaugelb Multifunctional Tape TrioSDL ⁶⁰⁰ 40/10-20	7 x 12 m	0424611
blaugelb Multifunctional Tape TrioSDL ⁶⁰⁰ 54/10-20	7 x 12 m	0418788
blaugelb Multifunctional Tape TrioSDL ⁶⁰⁰ 64/10-20	6 x 12 m	0418789
blaugelb Multifunctional Tape TrioSDL ⁶⁰⁰ 74/10-20	5 x 12 m	0418790
blaugelb Multifunctional Tape TrioSDL ⁶⁰⁰ 84/10-20	4 x 12 m	0418791
blaugelb Multifunctional Tape TrioSDL ⁶⁰⁰ 54/15-30	7 x 8 m	0418821
blaugelb Multifunctional Tape TrioSDL ⁶⁰⁰ 64/15-30	6 x 8 m	0418822
blaugelb Multifunctional Tape TrioSDL ⁶⁰⁰ 74/15-30	5 x 8 m	0418823
blaugelb Multifunctional Tape TrioSDL ⁶⁰⁰ 84/15-30	4 x 8 m	0418824



The **safe solution** for varied sealing of the connecting joint – even with cavity walls.



The blaugelb Joint Sealing Tape 600 BG 1 is a pre-compressed PU foam tape with an acrylate-based impregnation. The blaugelb joint sealing tape 600 BG 1 is suitable for the sealing of expansion joints exposed to driving rain. It is pre-compressed, can also be applied to joints that already exist and securely and reliably seals these resistant to UV light.

Product benefits:

- Weather-resistant tested according to BG 1 (DIN 18542)
- Watertight against driving rain over 600 Pa (corresponds to approx. wind strength 11, buildings up to 100 m height)
- Very good sound and thermal insulation values
- Open to vapour diffusion
- Moisture and temperature-resistant
- Simple and fast handling with a self-adhesive strip, saves time and money
- High adhesive strength of the self-adhesive on the standard construction substrates and window profiles*
- Building material class B1 – difficult to ignite (according to DIN 4102)
- Manufactured under an ISO 9001/EN 29001-compliant quality system
- Tested to be low in pollutants according to EMICODE EC1 Plus

*Carry out suitable pretests.

Building material class: DIN 4102	B1 (difficult to ignite)
Classification of stress group: DIN 18542	BG 1 and BG R
Joint permeability coefficient for external application BG 1: DIN EN 12114	$a \leq 1.0 \text{ m}^3 / [\text{h} \cdot \text{m}^2 (\text{daPa})]$
Joint permeability coefficient for internal application BG R: DIN EN 12114	$a \leq 0.1 \text{ m}^3 / [\text{h} \cdot \text{m}^2 (\text{daPa})]$
Watertightness of joints and joint intersections: DIN EN 1027	$\geq 600 \text{ Pa}$
Joint sound insulation:	$R_{\text{STW}} (\text{C}; \text{Ctr}) = 44 (-1; -2) \text{ dB}$ with tape dimension 20/9-20
Compatibility with adjacent building materials: DIN 18542	Satisfied
Light and weather resistance: DIN 18542	Satisfied
sd-value: DIN EN ISO 12572	open to vapour diffusion on outside $\leq 0.5 \text{ m}$
Colour:	Anthracite, grey

Product name	PU	Item no.
blaugelb Joint Sealing Tape 600 BG 1 anthracite 15/2-6 mm	20 x 12 m	0418842
blaugelb Joint Sealing Tape 600 BG 1 anthracite 15/5-12 mm	20 x 5.6 m	0418844
blaugelb Joint Sealing Tape 600 BG 1 anthracite 15/6-15 mm	20 x 4.3 m	0427860
blaugelb Joint Sealing Tape 600 BG 1 anthracite 20/5-12 mm	15 x 5.6 m	0418845
blaugelb Joint Sealing Tape 600 BG 1 anthracite 20/9-20 mm	15 x 3.3 m	0418846
blaugelb Joint Sealing Tape 600 BG 1 anthracite 24/1-4 mm	12 x 13 m	9122891
blaugelb Joint Sealing Tape 600 BG 1 anthracite 25/11-25 mm	12 x 2.6 m	0418848
blaugelb Joint Sealing Tape 600 BG 1 grey 15/2-6 mm	20 x 12 m	0418849
blaugelb Joint Sealing Tape 600 BG 1 grey 15/5-12 mm	20 x 5.6 m	0418850
blaugelb Joint Sealing Tape 600 BG 1 grey 15/6-15 mm	20 x 4.3 m	0427861
blaugelb Joint Sealing Tape 600 BG 1 grey 20/5-12 mm	15 x 5.6 m	0418851
blaugelb Joint Sealing Tape 600 BG 1 grey 20/9-20 mm	15 x 3.3 m	0418852
blaugelb Joint Sealing Tape 600 BG 1 grey 25/11-25 mm	12 x 2.6 m	0418853

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Joint Sealing Tape 300 BG 2

Pre-compressed joint sealing tape for versatile applications for connecting joints.

The **safe solution** for varied sealing of the connecting joint – for new construction and refurbishment.



The blaugelb Joint Sealing Tape 300 BG 2 is a pre-compressed PU foam tape with an acrylate-based impregnation. The blaugelb joint sealing tape 300 BG 2 can be plastered and painted over and thus be installed completely hidden. It is suitable for restoration as well as for new construction. Because it is pre-compressed, it can also be applied to joints that already exist.

Product benefits:

- Tested according to BG 2 (DIN 18542), weather-resistant in covered external application
- Watertight against driving rain over 300 Pa
- Open to vapour diffusion
- Moisture and temperature-resistant
- Simple and fast handling with a self-adhesive strip, saves time and money
- High adhesive strength of the self-adhesive on the standard construction window and door profiles*
- Building material class B1 – difficult to ignite (according to DIN 4102)
- Manufactured under an ISO 9001/EN 29001-compliant quality system
- Tested to be low in pollutants according to EMICODE EC1 Plus

*Carry out suitable pretests.

Building material class: DIN 4102	B1 (difficult to ignite)
Classification of stress group: DIN 18542	BG 2
Joint permeability coefficient: DIN EN 12114	$a \leq 1.0 \text{ m}^3 / [\text{h} \cdot \text{m}^2 (\text{daPa})]$
Watertightness against driving rain: DIN EN 1027	$\geq 300 \text{ Pa}$
Resistance to temperature changes: DIN 18542	from $-30 \text{ }^\circ\text{C}$ to $+90 \text{ }^\circ\text{C}$
Compatibility with adjacent building materials: DIN 18542	Satisfied
Light and weather resistance: DIN 18542	Satisfied
sd-value: DIN EN ISO 12572	open to vapour diffusion on outside $\leq 0.5 \text{ m}$
Colour:	Anthracite

Product name	PU	Item no.
blaugelb Joint Sealing Tape 300 BG 2 anthracite 10/1-2 mm	30 x 20 m	0418854
blaugelb Joint Sealing Tape 300 BG 2 anthracite 15/2-6 mm	20 x 12 m	0418855
blaugelb Joint Sealing Tape 300 BG 2 anthracite 15/5-12 mm	20 x 5.6 m	0418857
blaugelb Joint Sealing Tape 300 BG 2 anthracite 20/5-12 mm	15 x 5.6 m	0418858
blaugelb Joint Sealing Tape 300 BG 2 anthracite 20/9-20 mm	15 x 3.3 m	0418860
blaugelb Joint Sealing Tape 300 BG 2 anthracite 25/11-25 mm	12 x 2.6 m	0418861



Intelligent moisture management in the connecting joint with the highest adhesive strength for **one-sided and two-sided application** – perfectly combined in the blaugelb foil DuoSL¹⁰⁵⁰ Power Plus.



The blaugelb Foil DuoSL¹⁰⁵⁰ Power Plus is a combination of a special self-regulating plastic foil and a fleece backing. The sealing sheet has a variable sd-value despite its full-surface bonding. It can regulate the water vapour permeability of the joint in inner and outer application such that year-round drying is ensured.

Product benefits:

- Sealing that is watertight against driving rain over 1,050 Pa and open to vapour diffusion for the outer level
- Sealing that is airtight and forms a barrier against vapour for the inner level according to DIN 18355
- Intelligent moisture management in the joint thanks to the variable sd-value
- Inner and outer sealing with just one product
- No danger of confusion, no duplicate storage
- Can be plastered and painted over, hidden installation
- UV-resistant for at least 4 months
- Moisture and temperature-resistant
- Simple handling with three self-adhesive strips
- Can be applied on one side or both sides
- High adhesive strength of the self-adhesive on the standard construction substrates and window and door profiles* without additional foil adhesive
- Flexible and elastic foil, absorbs component movements
- Sturdy foil design for permanent function
- Joint sealing compliant with the Leitfaden zur fachgerechten Montage [Guideline for Proper Installation]
- Manufactured under an ISO 9001/EN 29001-compliant quality system

*Carry out suitable pretests.

Building material class: DIN 13501	Class E (corresponds to B2 DIN 4102-1)
sd-value: DIN EN 12572	sd-value ≥ 0.03 m to ≤ 15 m, depending on the average air humidity
Joint permeability coefficient: DIN EN 1026	$a \approx 0 \text{ m}^2/[\text{h} \cdot \text{m} \cdot (\text{daPa})]$
Watertightness against driving rain: DIN EN 1027	$\leq 1,050$ Pa
UV stability:	At least 4 months
Temperature resistance:	From approx. -40 °C to $+80$ °C
Processing temperature:	-5 °C to $+45$ °C
Compatibility with adjacent building materials:	Satisfied
Dimension tolerance: DIN 7715 T5 P3	Satisfied
Storage temperature:	at $+1$ °C to $+20$ °C
Storage life:	12 months with dry storage in unopened original packaging
Colour:	White

Product name	PU	Item no.
blaugelb foil DuoSL ¹⁰⁵⁰ Power Plus 60 mm x 30 m single perforation	10 x 30 m	0419027
blaugelb foil DuoSL ¹⁰⁵⁰ Power Plus 75 mm x 30 m single perforation	8 x 30 m	0424605
blaugelb foil DuoSL ¹⁰⁵⁰ Power Plus 90 mm x 30 m double perforation	6 x 30 m	0419031
blaugelb foil DuoSL ¹⁰⁵⁰ Power Plus 120 mm x 30 m double perforation	4 x 30 m	0419032
blaugelb foil DuoSL ¹⁰⁵⁰ Power Plus 200 mm x 30 m double perforation	4 x 30 m	0419034
blaugelb foil DuoSL ¹⁰⁵⁰ Power Plus 250 mm x 30 m triple perforation	4 x 30 m	9035810

blaugelb

Foil Inside **SL¹⁰⁵⁰** Power Plus

Airtight and vapour diffusion retarding – the reliable separation of indoor and outdoor climates.



Extremely strong adhesion, smooth fitting:
the blaugelb Foil Inside **SL¹⁰⁵⁰** Power Plus.



The blaugelb Foil Inside **SL¹⁰⁵⁰** Power Plus is used on the inner level of connecting and expansion joints for windows and doors to ensure sealing that is windtight, watertight to driving rain and open to vapour diffusion during restoration as well as for new construction.

The blaugelb Foil Inside **SL¹⁰⁵⁰** Power Plus has a fully adhesive side as well as a self-adhesive strip on the fleece-backed side for installation on window frames. It can thus be bonded on one and both sides.

Combined with the blaugelb Foil Outside **SL¹⁰⁵⁰** Power One, it results in the perfect sealing of joints on the inside and outside.

Product benefits:

- Sealing that is airtight and forms a barrier against vapour for the inner level according to DIN 18355
- With fixed sd-value of approx. 30 m
- Brilliantly high adhesive strength on the standard construction substrates and window and door profiles* without additional foil adhesive
- Can be applied on one side or both sides
- Fully adhesive on one side
- Self-adhesive strip on the fleece side for (pre)assembly on the window frame
- Can be plastered, bonded and painted over, hidden installation
- UV-resistant for 6 months
- Waterproof
- Flexible and elastic, compensates for joint movements
- Moisture and temperature-resistant
- Easy to process with perforated protective paper
- Joint sealing compliant with the "Leitfaden zur fachgerechten Montage" [Guideline for Proper Installation] and the German Building Energy Law (GEG)
- EMICODE EC1 Plus certified
- Manufactured under an ISO 9001/EN 29001-compliant quality system

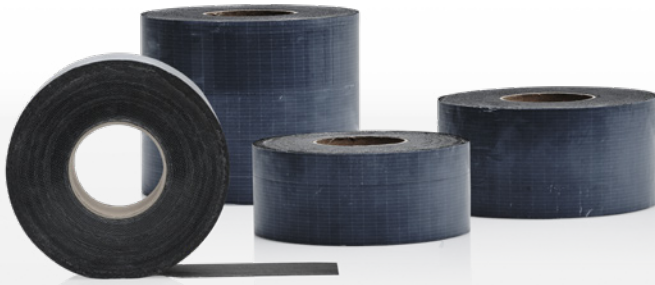
Building material class: DIN 13501	Class E
sd-value: DIN EN ISO 12572	sd-value approx. 30 m
Joint permeability coefficient: DIN EN 12114	$\alpha < 0.1 \text{ m}^3/[\text{h} \cdot \text{m} \cdot (\text{daPa})^{2/3}]$, no measurable air passage
Watertightness against driving rain: DIN EN 1027	$\geq 1,050 \text{ Pa}$
Watertightness:	2,000 Pa
UV stability:	Approx. 6 months
Temperature resistance:	From approx. -40 °C to +90 °C
Ambient temperature during handling:	-5 °C to +45 °C if the foil is at the storage temperature
Compatibility with adjacent building materials:	Satisfied
Flexibility at -23 °C:	No break, no cracks
Dimension tolerance: DIN 7715 T5 P3	Satisfied
Storage temperature:	at +5 °C to +20 °C
Storage life:	12 months with dry storage in unopened original packaging
Colour:	White

Product name	PU	Item no.
blaugelb Foil Inside SL¹⁰⁵⁰ Power Plus 75 mm single perforation	8 x 30 m	9123211
blaugelb Foil Inside SL¹⁰⁵⁰ Power Plus 90 mm double perforation	8 x 30 m	9123212
blaugelb Foil Inside SL¹⁰⁵⁰ Power Plus 120 mm double perforation	8 x 30 m	9123213
blaugelb Foil Inside SL¹⁰⁵⁰ Power Plus 150 mm double perforation	4 x 30 m	9123214
blaugelb Foil Inside SL¹⁰⁵⁰ Power Plus 200 mm double perforation	4 x 30 m	9123215
blaugelb Foil Inside SL¹⁰⁵⁰ Power Plus 250 mm double perforation	4 x 30 m	9123216

*Carry out suitable pretests.



Extremely strong adhesion, smooth fitting:
the blaugelb Foil Outside **SL¹⁰⁵⁰ Power One**.



The blaugelb Foil Outside **SL¹⁰⁵⁰ Power One** is used on the outer level of connecting and expansion joints for windows and doors during restoration as well as for new construction to ensure sealing that is windtight, watertight to driving rain and open to vapour diffusion. Combined with the blaugelb Foil Inside **SL¹⁰⁵⁰ Power Plus**, it results in the perfect sealing of joints on the inside and outside.

Product benefits:

- Airtight, windtight and watertight to driving rain as well as open to vapour diffusion for the outer level according to DIN 18355
- With fixed sd-value ≤ 0.5 m
- Brilliantly high adhesive strength on the standard construction substrates and window and door profiles* without additional foil adhesive
- Fully adhesive on one side, can be used on one side
- For sealing threshold profiles and open profile parts
- Can be plastered, bonded and painted over, hidden installation
- UV-resistant for 12 months
- Waterproof
- Flexible and elastic, compensates for joint movements
- Moisture and temperature-resistant
- Joint sealing compliant with the "Leitfaden zur fachgerechten Montage" [Guideline for Proper Installation] and the German Building Energy Law (GEG)
- EMICODE EC1 Plus certified
- Manufactured under an ISO 9001/EN 29001-compliant quality system

*Carry out suitable pretests.

Building material class: DIN 13501	Class E
sd-value: DIN EN ISO 12572	sd-value ≤ 0.5 m
Joint permeability coefficient: DIN EN 12114	$a < 0.1 \text{ m}^3/[\text{h} \cdot \text{m} \cdot (\text{daPa})^{2/3}]$, no measurable air passage
Watertightness against driving rain: DIN EN 1027	$\geq 1,050$ Pa
Watertightness:	2,000 Pa

UV stability:	Approx. 12 months
Temperature resistance:	From approx. -40 °C to $+90$ °C
Ambient temperature during handling:	-5 °C to $+45$ °C if the foil is at the storage temperature
Compatibility with adjacent building materials:	Satisfied
Flexibility at -23 °C:	No break, no cracks
Dimension tolerance: DIN 7715 T5 P3	Satisfied
Storage temperature:	at $+5$ °C to $+20$ °C

Product name	PU	Item no.
blaugelb Foil Outside SL¹⁰⁵⁰ Power One 75 mm single perforation	8 x 30 m	9123143
blaugelb Foil Outside SL¹⁰⁵⁰ Power One 90 mm double perforation	8 x 30 m	9123204
blaugelb Foil Outside SL¹⁰⁵⁰ Power One 120 mm double perforation	8 x 30 m	9123205
blaugelb Foil Outside SL¹⁰⁵⁰ Power One 150 mm double perforation	4 x 30 m	9123206
blaugelb Foil Outside SL¹⁰⁵⁰ Power One 200 mm double perforation	4 x 30 m	9123207
blaugelb Foil Outside SL¹⁰⁵⁰ Power One 250 mm double perforation	4 x 30 m	9123208
blaugelb Foil Outside SL¹⁰⁵⁰ Power One 300 mm double perforation	4 x 30 m	9123209
blaugelb Foil Outside SL¹⁰⁵⁰ Power One 350 mm double perforation	4 x 30 m	9123210
blaugelb Foil Outside SL¹⁰⁵⁰ Power One 64 mm single perforation	12 x 30 m	9123217
blaugelb Foil Outside SL¹⁰⁵⁰ Power One 68 mm single perforation	12 x 30 m	9123218
blaugelb Foil Outside SL¹⁰⁵⁰ Power One 70 mm single perforation	8 x 30 m	9123219
blaugelb Foil Outside SL¹⁰⁵⁰ Power One 74 mm single perforation	8 x 30 m	9123220
blaugelb Foil Outside SL¹⁰⁵⁰ Power One 76 mm single perforation	8 x 30 m	9123221
blaugelb Foil Outside SL¹⁰⁵⁰ Power One 80 mm double perforation	8 x 30 m	9123222
blaugelb Foil Outside SL¹⁰⁵⁰ Power One 82 mm double perforation	8 x 30 m	9123223
blaugelb Foil Outside SL¹⁰⁵⁰ Power One 86 mm double perforation	8 x 30 m	9123224
blaugelb Foil Outside SL¹⁰⁵⁰ Power One 88 mm double perforation	8 x 30 m	9123225

blaugelb

Foil DuoSL⁶⁰⁰

Straightforward sealing for one or two-sided application inside and outside.



Intelligent moisture management in the connecting joint for **application on one side** – blaugelb Foil DuoSL¹⁰⁵⁰ Power One.



The blaugelb Foil DuoSL⁶⁰⁰ is a special plastic foil with self-regulating properties for the sealing of connecting joints of windows and doors. It has a fleece backing and is fully self-adhesive. The integrated plastic foil can vary its sd-value, enabling it to regulate the water vapour permeability of the joint when used on both sides (inside and outside) so that it retains the capacity to dry out the whole year round.

Product benefits:

- Sealing that is watertight against driving rain and open to vapour diffusion for the outer level
- Sealing that is airtight and forms a barrier against vapour for the inner level according to DIN 18355
- Intelligent moisture management in the joint thanks to the variable sd-value
- Inner and outer sealing with just one product
- No danger of confusion, no duplicate storage
- Fleece side can be plastered, bonded and painted over, hidden installation
- UV-resistant for at least 4 months
- Moisture and temperature-resistant
- Easy to process with slit protective paper
- Fully adhesive
- Additional self-adhesive strip for the window frame covered by protective paper
- Can be applied on one side or both sides
- Can be used for standard construction substrates* and window and door profiles* without the need for additional foil adhesive
- Flexible and elastic foil, absorbs component movements
- Sturdy foil design for permanent function
- Joint sealing compliant with the Leitfaden zur fachgerechten Montage [Guideline for Proper Installation]
- Manufactured under an ISO 9001/EN 29001-compliant quality system

Building material class: DIN 13501	Class E
sd-value: DIN EN 12572	sd-value ≥ 0.03 m to ≤ 15 m, depending on the average air humidity
Joint permeability coefficient: DIN EN 1026	$a \approx 0 \text{ m}^3/[\text{h} \cdot \text{m} \cdot (\text{daPa})^2]$
Watertightness against driving rain: DIN EN 1027	$\geq 600 \text{ Pa}$
UV stability:	At least 4 months
Temperature resistance:	From approx. -40°C to $+80^\circ\text{C}$
Processing temperature:	$+5^\circ\text{C}$ to $+45^\circ\text{C}$
Compatibility with adjacent building materials:	Satisfied
Dimension tolerance: DIN 7715 T5 P3	Satisfied
Storage temperature:	at $+1^\circ\text{C}$ to $+20^\circ\text{C}$
Storage life:	12 months with dry storage in unopened original packaging
Colour:	White

Product name	PU	Item no.
blaugelb Foil DuoSL ⁶⁰⁰ 75 mm x 30 m single perforation	8 x 30 m	9081827
blaugelb Foil DuoSL ⁶⁰⁰ 90 mm x 30 m double perforation	6 x 30 m	9081828
blaugelb Foil DuoSL ⁶⁰⁰ 120 mm x 30 m double perforation	4 x 30 m	9081829
blaugelb Foil DuoSL ⁶⁰⁰ 200 mm x 30 m double perforation	4 x 30 m	9081830
blaugelb Foil DuoSL ⁶⁰⁰ 250 mm x 30 m triple perforation	4 x 30 m	9081831

*Carry out suitable pretests.



The ideal sealing foil for **inner sealing** of connecting and expansion joints.



The blaugelb Foil Basic Inside is a combination of a special plastic foil and a fleece backing. It is used for creating inside-facing connecting joints that are airtight and windtight. The sealing sheet exhibits high expandability and tear strength, and can therefore very readily accommodate joint movements.

It is quick and easy to fit to the window frame using a self-adhesive strip. The foil, inhibiting vapour diffusion, ensures effective separation of the indoor and outdoor climates and therefore meets the requirements of EnEV and of proper installation and sealing.

Product benefits:

- Sealing that is airtight and forms a barrier against vapour for the inner level according to DIN 18542
- Flexible and elastic foil, absorbs component movements
- Sturdy foil design for permanent function
- Reliably separates indoor and outdoor climates
- Watertightness against driving rain
- Can be plastered and painted over, hidden installation
- UV-resistant up to 3 months
- Moisture and temperature-resistant
- Simple handling with the self-adhesive strip
- Joint sealing compliant with the Leitfaden zur fachgerechten Montage [Guideline for Proper Installation]
- Manufactured under an ISO 9001/EN 29001-compliant quality system
- Tested to be low in pollutants according to EMICODE EC 1 Plus

Material:	Vapour diffusion inhibiting plastic fleece
Fire behaviour: DIN EN 13501	Class E (corresponds to B2 DIN 4102-1)
Joint permeability coefficient: DIN EN 12114	$\alpha \ll 0.1 \text{ m}^3 / [\text{h} \cdot \text{m}^2 (\text{daPa})]$ no measurable air passage
Watertightness against driving rain: DIN EN 1027	$\leq 1,050 \text{ Pa}$
Temperature resistance:	from $-40 \text{ }^\circ\text{C}$ to $+80 \text{ }^\circ\text{C}$
Grammage:	Approx. 180 g/m^2
sd-value: DIN EN ISO 12572	Approx. 39 m
Processing temperature:	$+5 \text{ }^\circ\text{C}$ to $+30 \text{ }^\circ\text{C}$
Dimension tolerance: DIN 7715 T5 class P3	Satisfied
Storage temperature:	at $+1 \text{ }^\circ\text{C}$ to $+20 \text{ }^\circ\text{C}$
Storage life:	12 months with dry storage in unopened original packaging
Colour:	Blue

Product name	PU	Item no.
blaugelb Foil Basic Inside 90 mm x 30 m	6 x 30 m	0422083
blaugelb Foil Basic Inside 120 mm x 30 m	4 x 30 m	0422084
blaugelb Foil Basic Inside 200 mm x 30 m	2 x 30 m	0422085

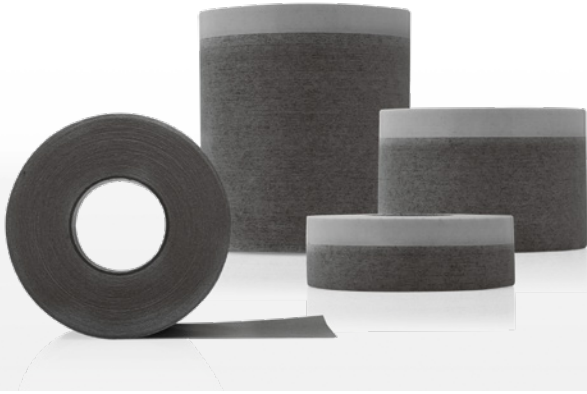
The appropriate blaugelb Foil Adhesive can be found on page 34.

blaugelb

Foil Basic Outside

The rational, expert solution for outer sealing of connecting joints.

The ideal sealing foil for **outer sealing** of connecting and expansion joints.



The blaugelb Foil Basic Outside is a combination of a special plastic foil and a fleece backing. It is used for creating outside-facing connecting joints that are airtight and watertight to driving rain. The sealing sheet exhibits high expandability and tear strength, and can therefore very readily accommodate joint movements.

It is quick and easy to fit to the window frame using a self-adhesive strip. The foil, open to vapour diffusion, ensures effective drying of the outer joint and therefore meets the requirements of EnEV and of proper installation and sealing.

Product benefits:

- Sealing that is airtight and open to vapour diffusion for the outer level according to DIN 18542
- Flexible and elastic foil, absorbs component movements
- Sturdy foil design for permanent function
- Reliable drying of the outer joint
- Watertight to driving rain and windtight
- Can be plastered and painted over, hidden installation
- UV-resistant up to 3 months
- Moisture and temperature-resistant
- Simple handling with the self-adhesive strip
- Joint sealing compliant with the Leitfaden zur fachgerechten Montage [Guideline for Proper Installation]
- Manufactured under an ISO 9001/EN 29001-compliant quality system
- Tested to be low in pollutants according to EMICODE EC 1 Plus

Material:	Plastic fleece open to vapour diffusion
Fire behaviour: DIN EN 13501	Class E (corresponds to B2 DIN 4102-1)
Joint permeability coefficient: DIN EN 12114	$a \ll 0.1 \text{ m}^3 / [\text{h} \cdot \text{m}^2 (\text{daPa})]$ no measurable air passage
Watertightness against driving rain: DIN EN 1027	$\leq 1,050 \text{ Pa}$
Temperature resistance:	from $-40 \text{ }^\circ\text{C}$ to $+80 \text{ }^\circ\text{C}$
Grammage:	Approx. 140 g/m^2
sd-value: DIN EN ISO 12572	Approx. 0.05 m
Flexibility at $-23 \text{ }^\circ\text{C}$:	No break, no cracks
Processing temperature:	$+5 \text{ }^\circ\text{C}$ to $+30 \text{ }^\circ\text{C}$
Dimension tolerance: DIN 7715 T5 class P3	Satisfied
Storage temperature:	at $+1 \text{ }^\circ\text{C}$ to $+20 \text{ }^\circ\text{C}$
Storage life:	12 months with dry storage in unopened original packaging
Colour:	Black

Product name	PU	Item no.
blaugelb Foil Basic Outside 90 mm x 50 m	3 x 50 m	0422087
blaugelb Foil Basic Outside 120 mm x 50 m	2 x 50 m	0422088
blaugelb Foil Basic Outside 200 mm x 50 m	2 x 50 m	0422089

The appropriate blaugelb Foil Adhesive can be found on page 34.



The blaugelb Spray Primer **increases adhesion** to the substrate at the “touch of a button”:

Simply spray on – let it flash off – bond the foil.

The blaugelb Spray Primer is an adhesive agent based on a rubber dispersion for preparing the substrates for bonding the fleece-backed foils. It has an excellent adhesion-enhancing effect on standard construction substrates. The use of the blaugelb Spray Primer is advantageous in order to ensure proper bonding even on difficult substrates. Due to its short flash-off time, further processing can be carried out quickly.

The blaugelb Spray Primer also acts as a spray adhesive. During processing it shows very little “overspray” (unwanted fogging). The spray jet is focused, but wide enough to wet the surfaces. The spray jet can be individually adjusted with the variable spray head. The blaugelb Spray Primer is suitable for use in almost all seasons. It can also be used at slight negative temperatures (down to -5°C).

Product benefits:

- Very good adhesion between substrate and foil
- Flashes off quickly
- Highly suitable on almost all substrates
- Very efficient (approx. 6 m^2 per can)
- With variable spray head valve system
- Free of aromatic components
- Very little “overspray” (unwanted fogging)
- Odourless
- Very simple processability
- Ready-to-use
- Compatible with the blaugelb Triotherm* profile with short flash-off time $\leq 5\text{ min}$
- Can be used on most standard construction materials*

*Carry out suitable pretests

Material base:	Solvent-based rubber dispersion
Colour:	Colourless
Curing system:	flash-off, drying by evaporation of solvents
Flash-off time:	Approx. 5 minutes at $+20^{\circ}\text{C}$ and 50 % RH (at lower temperatures the flash-off time is longer, at higher temperatures it is shorter)
Density:	(at $+20^{\circ}\text{C}$) 0.7 g/cm^3
Applied quantity:	variable through steplessly adjustable valve; coverage approx. 6 m^2 per can
Processing temperature:	optimal: from $+15^{\circ}\text{C}$ to $+25^{\circ}\text{C}$ (can, substrate and ambient temperature) minimum: from -5°C (substrate and ambient temperature)
Temperature resistance:	-25°C to $+70^{\circ}\text{C}$, short-term up to $+80^{\circ}\text{C}$
Storage life:	12 months in unopened original packaging, dry and frost-free at $+5^{\circ}\text{C}$ to $+25^{\circ}\text{C}$. Protect against solar radiation and ensure good ventilation.
Delivery form:	500 ml can

Product name	PU	Item no.
blaugelb Spray Primer 500 ml	12 x 500 ml	9066539

blaugelb

Pressure Roller

For the efficient processing of blaugelb foils.

For the best connection:

The blaugelb Pressure Roller improves the adhesion of the foil to the substrate



The blaugelb Pressure Roller is the ideal tool for the fast and reliable processing of the foils. It is built to be sturdy and durable for everyday use and equipped with all features for convenient work.

When bonding foils, such as at the connecting joint of windows and doors, it is important for the foil to establish a good adhesive bond with the substrate if a lasting sealing effect is to be guaranteed (follow the processing information for the products). This requires the foils to be pressed firmly against the substrate. That's where the specially optimised properties of the blaugelb Pressure Roller come into their own.

For efficient processing of the foils, the blaugelb Pressure Roller has a sturdy, solid wooden handle and a torsionally rigid steel bracket, ensuring that the pressure is transferred directly with less effort. The ergonomically shaped handle ensures a secure grip so it does not slip from the hand, taking the fatigue out of the job.

Dimensions:	L 18.5 cm x W 6.2 cm x H 3.0 cm
Weight:	120 grams
Application:	Pressing foils when bonding to a substrate
Handle:	Solid wooden handle, painted, ergonomically shaped, blue, with sturdy, galvanized steel bracket
Rubber roller:	Hard rubber, cylindrical Thickness 8 mm Width 45 mm Diameter 30 mm

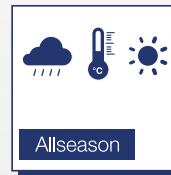
Product name	PU	Item no.
blaugelb Pressure Roller	6 pieces	9074068

Product benefits:

- Robust design
- Angled, one-sided roller holder for ease of use in corners
- Sturdy, galvanized steel bracket
- Smooth-running roller
- Cylindrical roller made of 8 mm thick hard rubber
- Made in Germany



Remains superior in its **performance even during** critical applications – the blaugelb all-weather foil.



The blaugelb All-Weather Foil is a 1.5 mm-thick sealing sheet made of polymer-modified bitumen combined with a flexible, tear-resistant HDPE foil. It is fully cold self-adhesive and is used for airtight, windproof and watertight bonding of façade parts, for outer sealing of windows and doors, such as patio doors and full length windows, and for threshold sealing. The blaugelb All-Weather Foil is suitable for the waterproofing of elements in contact with soil in accordance with DIN 18533-1 and 18533-2, for waterproofing against ground moisture and non-pressing water in floor slabs and walls in contact with soil (Class W1.1-E), against ground moisture and non-pressing water in floor slabs and walls in contact with soil with drainage (Class W1.2-E), for waterproofing against capillary rising damp in and under walls, splash water and ground moisture at the wall base (Class W4-E) and as a water vapour barrier in the floor area under screeds, as well as for waterproofing balconies and walkways in accordance with DIN 18531-5.

Product benefits:

- Can be used year-round at temperatures from –5 °C to +30 °C (foil: +5 °C to +30 °C)
- Immediate sealing against water and driving rain
- Moisture and temperature-resistant
- High adhesive strength on most standard construction substrates*
- Flexible and elastic foil, clings well to the substrate
- Thickness 1.5 mm – robust and permanent
- Outstandingly suitable for the time-critical application due to its fast and easy handling – no through drying necessary
- Perforated masking paper for easy handling
- Compatible with bitumen
- Forms a barrier against vapour
- Building material class E (EN 13501-1 (B2))
- Compliant with DIN 18531-5, DIN 18533-1, DIN 18533-2**
- Manufactured under an ISO 9001/EN 29001-compliant quality system

*Carry out suitable pretests.

**Further details can be found in the respective DIN standards

Building material class: DIN 13501	Class E
sd-value:	252 m (forms a barrier against vapour); water vapour diffusion resistance $\mu = 168,500$
Air permeability coefficient:	airtight
Watertightness against driving rain and watertightness: DIN EN 1296 / 1928	watertight
Bitumen compatibility: DIN 7864 T1	Confirmed
Foil thickness:	1.5 mm
Processing temperature:	–5 °C to +30 °C
Verification of suitability for materials for waterproofing buildings: DIN 18531-5, DIN 18533-1, DIN 18533-2	Satisfied
Elongation at breaking force [%]: DIN EN 12311-1 Method A	lengthwise $s = \pm 13$; crosswise $s = \pm 20.7$
Cold bending properties:	≤ 30 °C
Dimension tolerance: DIN 7715 T5 P3	Satisfied
Storage temperature:	at +5 °C to +30 °C
Storage life:	12 months with dry storage in unopened original packaging, standing upright
Colour:	Black

Product name	PU	Item no.
blaugelb All-Weather Foil 150 x 1.5 mm single perforation	4 x 20 m	0418868
blaugelb All-Weather Foil 200 x 1.5 mm double perforation	3 x 20 m	0418869
blaugelb All-Weather Foil 250 x 1.5 mm double perforation	2 x 20 m	0418870
blaugelb All-Weather Foil 300 x 1.5 mm double perforation	2 x 20 m	0418871

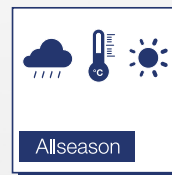
blaugelb

All-Weather Bitumen Primer

Bitumen-based, solvent-free adhesive agent for blaugelb All-Weather Foil.



Indispensable for bonding the blaugelb All-Weather Foil: the **accompanying base coat** with the blaugelb All-Weather Bitumen Primer.



blaugelb All-Weather Bitumen Primer is an adhesive agent based on a bitumen emulsion that is used for the preparation of substrates before bonding the blaugelb All-Weather Foil. It is specially formulated for use with the blaugelb All-Weather Foil.

Applications:

The blaugelb All-Weather Bitumen Primer is ready to use and can be processed right away. It is ideal for the preparation for bonding the blaugelb All-Weather Foil to façade parts, for outer sealing of windows and doors, particularly in areas in contact with soil such as patio doors and full-length windows, and for threshold sealing. Also suitable for use in sealing wall and floor surfaces in wet rooms with blaugelb All-Weather Foil.

The blaugelb All-Weather Bitumen Primer exhibits outstanding promotion of adhesion to the standard construction substrates.

Product benefits:

- Very good processability
- Ready-to-use
- Solvent-free
- Environmentally friendly
- Specially formulated for the blaugelb All-Weather Foil
- Very good adhesion to most conventional construction materials*

*Carry out suitable pretests.

Material base:	Water-based bitumen dispersion
Colour:	Black
Curing system:	Curing through evaporation of water
Drying time:	Approx. 45 minutes at +23 °C and 50 % RH
Density:	Approx. 1.0 kg/l
Applied quantity:	0.10 l/m ² to 0.15 l/m ²
Processing temperature:	From +5 °C to +30 °C (substrate and ambient temperature)
Storage life:	18 months in unopened pack, dry and free of frost at +5 °C to +25 °C
Delivery form:	5 litre bucket

Product name	PU	Item no.
blaugelb All-Weather Bitumen Primer	5 litres	0433208

The building block for **bonding blaugelb foils** inside and outside.



The blaugelb Foil Adhesive Hybrid grey is a one-component, permanently elastic adhesive on a hybrid polymer basis for bonding blaugelb foils to structures.

Designed for indoor and outdoor use, the blaugelb Foil Adhesive Hybrid grey is water-resistant and also weather and UV-resistant. Thanks to its good initial adhesion, it can usually be applied without primer to almost all – even wet – substrates encountered in construction. A softer formulation has been defined for ease of processing.

Product benefits:

- Outstandingly suitable for bonding fleece-backed blaugelb foils
- Very good processability thanks to softer formulation
- Moisture and temperature-resistant
- Weather and water-resistant once cured
- Can be used from as low as 0 °C (ambient temperature and substrate, ice-free)
- Permanently elastic, compensates for unevenness and material movements
- Silicone, isocyanate and solvent-free
- Non-corrosive
- Almost odourless
- Very easy to plaster over once cured
- Suitable for all standard construction surfaces*
- Building material class B2 (DIN 4102)
- Tested to be very low in pollutants according to EMICODE EC1 Plus

*Carry out suitable pretests.

Material base:	1C hybrid polymer
Colour:	Grey
Curing system:	Polymerisation by atmospheric humidity
Building material class: DIN 4102-4	B2
Curing speed: At 23 °C and 50 % RH	Approx. 2 mm / 24 hrs.
Skin formation: at 23 °C and 50 % RH	Approx. 10 minutes
Density: DIN 53479	1.45 g/ml
Shore A hardness:	50 ± 5
Max. permissible deformation: DIN EN ISO 11600	25 %
Change in volume: DIN EN ISO 10563	-2 to -3 vol.%
Elongation at break: DIN 53504	> 900 %
Elastic recovery: ISO 7389-B	> 70 %
Solvent content:	Free
Isocyanate content:	Free
Processing temperature:	Ambient: 0 °C to +40 °C Substrate: 0 °C to +35 °C
Temperature resistance:	from -40 °C to +90 °C
Moisture resistance:	Waterproof
Ecological report:	EMICODE EC1 Plus
Plastering over:	Very easy to plaster over once cured
Storage life:	12 months in unopened pack at +5 °C to +25 °C
Delivery form:	600 ml tubular bag

Product name	PU	Item no.
blaugelb Foil Adhesive Hybrid 600 ml grey	12 bags	0426597



Your verifiable statics.

We will help you compile the documents required to produce verifiable statics.

01

Preparation of **drawings**

Where necessary, we will help you create drawing packages for factory and installation planning.

As well as elevation drawings incl. attachment points, we also produce the detail drawings for the upper, side and lower window connections.

02

Inspection of your **documents**

On request, we will inspect the documents you need to submit for the statics evidence for completeness and plausibility.

This is where our many years of experience will help us optimise the process so it runs smoothly.

03

Provision of **values**

The rated resistances form the basis for preparation of the statics.

We will provide your structural engineer with all the relevant rated resistances for our systems.

04

Contact with the **structural engineer**

We will be happy to put you in touch with an expert structural engineer.

If you want, we will also act as your point of contact with the structural engineer.

Just ask us.

The bottom line? It's a great service*.



Interested in our services?

serviceleistung@meesenburg.de



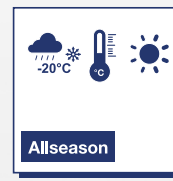
* The services may be subject to a cost, depending on their extent. We would be happy to advise you in advance.

1C Gun Foam Premium Allseason XXL Class E

An assembly foam for all seasons – the perfect solution from blaugelb.



A reliable companion **during every season** – the blaugelb Premium Allseason XXL Foam.



The blaugelb 1C Gun Foam Premium Allseason XXL Class E is a one-component PU assembly foam that can be used at temperatures from -20°C to $+30^{\circ}\text{C}$ thanks to its special recipe.

The blaugelb 1C Gun Foam Premium Allseason XXL Class E has a specially developed recipe that reacts to form a very fine and homogeneous cell structure and ensures even through drying, even without the addition of moisture.

Applications: Filling – Insulating – Sealing.

In window construction for the backfilling and sealing of connecting joints in windows and roller shutter cases and for the filling of connecting joints of outer door cases (not for assembly without any additional mechanical attachment).

Product benefits:

- Can be used year-round at surrounding and surface temperatures of -20°C to $+30^{\circ}\text{C}$ without additional moistening
- High coverage with a yield of up to 65 litres of foam
- Outstanding thermal and sound insulation values
- Moisture and temperature-resistant
- Work possible irrespective of the weather
- Non-bonding safety valve allows vertical or horizontal storage without a loss of propellant, with extended storage stability
- For universal application for filling, insulating and sealing
- Blowing agent not harmful for the ozone layer
- Manufactured under an ISO 9001-compliant quality system
- Exceptionally suited for time-critical application due to its fast processability
- Suitable for all standard construction surfaces*
- Class E fire behaviour according to DIN EN 13501-1, corresponds to B2 (DIN 4102-1)
- Tested to be low in pollutants according to EMICODE EC1 Plus

Apparent density:	10 – 12 kg/m ³
Cell size/consistency:	fine
Non-tacky:	Approx. 8 min (20 mm section)
Can be cut:	9 – 12 min (20 mm section)
Fully load bearing:	12 h (20 mm section)
Yield:	up to 65 litres of foam
Processing temperature of can: min / max / ideal	$+5^{\circ}\text{C}$ / $+30^{\circ}\text{C}$ / $+20^{\circ}\text{C}$
Processing temperature of surface: min / max / ideal	-20°C / $+30^{\circ}\text{C}$ / $+20^{\circ}\text{C}$
Processing temperature of surroundings: min / max / ideal	-20°C / $+30^{\circ}\text{C}$ / $+20^{\circ}\text{C}$
Tensile strength: on the basis of DIN 53430	6 – 7 N/cm ²
Elongation at break: on the basis of DIN 53430	Approx. 10 – 14 %
Shear strength: on the basis of DIN 53427	Approx. 3 – 4 N/cm ²
Compression stress at 10 % compression: on the basis of DIN 53421	Approx. 1.5 – 2.5 N/cm ²
Thermal conductivity: DIN EN 12667:2001	Approx. 0.0374 W/(m·K)
Joint sound insulation:	tested joint sound insulation 10 mm: $[R_{ST,w}(C;C_p)] \geq 63$ (–2; –4) dB 20 mm: $[R_{ST,w}(C;C_p)] \geq 63$ (–1; –4) dB
Permanent temperature resistance: cured foam	-40°C to $+80^{\circ}\text{C}$
Short-term temperature resistance: cured foam	$+100^{\circ}\text{C}$
Building material class: DIN EN 13501-1	Class E (normal combustibility) corresponds to B2 (DIN 4102-1)
Storage life: with dry, cool storage	15 months, vertical and horizontal
Valve type:	Safety valve
Colour:	Ivory

Product name	PU	Item no.
blaugelb 1C Gun Foam Premium Allseason XXL Class E 750 ml, with PDR, D/GB	12 x 750 ml can	0419825

*Carry out suitable pretests.

blaugelb

1C Gun Foam XXL Class E

An assembly foam with an extremely high yield – the economical solution from blaugelb.



High yield combined with **very good thermal and sound insulation values** – thinking economically with blaugelb.



blaugelb 1C Gun Foam XXL Class E is a one-component PU assembly foam whose recipe delivers the maximum possible yield. Its high exit speed makes it fast and effective to use, even at low temperatures up to -5°C .

Product benefits:

- Can be used at surrounding and surface temperatures of -5°C to $+30^{\circ}\text{C}$
- Fast handling
- High coverage with a yield of up to 45 litres of foam
- Outstanding thermal and sound insulation values
- Moisture and temperature-resistant
- Work possible irrespective of the weather
- Non-bonding safety valve allows vertical or horizontal storage without a loss of propellant, with extended storage stability
- For universal application for filling, insulating and sealing
- Blowing agent not harmful for the ozone layer
- Manufactured under an ISO 9001-compliant quality system
- Exceptionally suited for time-critical application due to its fast processability
- Suitable for all standard construction surfaces*
- Class E fire behaviour according to DIN EN 13501-1, corresponds to B2 (DIN 4102-1)
- Tested to be low in pollutants according to EMICODE EC1 Plus

*Carry out suitable pretests.

Apparent density:	10 – 13 kg/m ³
Cell size/consistency:	medium - fine
Non-tacky:	Approx. 7 min (20 mm section)
Can be cut:	8 – 10 min (20 mm section)
Fully load bearing:	12 h (20 mm section)
Yield of 500 ml can:	up to 45 litres of foam
Processing temperature of can: min / max / ideal	$+5^{\circ}\text{C}$ / $+30^{\circ}\text{C}$ / $+20^{\circ}\text{C}$
Processing temperature of surface: min / max / ideal	-5°C / $+30^{\circ}\text{C}$ / $+20^{\circ}\text{C}$
Processing temperature of surroundings: min / max / ideal	-5°C / $+30^{\circ}\text{C}$ / $+20^{\circ}\text{C}$
Tensile strength: on the basis of DIN 53430	8 N/cm ²
Elongation at break: on the basis of DIN 53430	Approx. 18 %
Shear strength: on the basis of DIN 53427	Approx. 3 – 3.5 N/cm ²
Compression stress at 10 % compression: on the basis of DIN 53421	Approx. 2 – 3 N/cm ²
Thermal conductivity: DIN EN 12667:2001	Approx. 0.0380 W/(m·K)
Joint sound insulation:	tested joint sound insulation 10 mm: $[R_{ST,w}(C;C_w)] \geq 60$ (-2; -6) dB 20 mm: $[R_{ST,w}(C;C_w)] \geq 59$ (-1; -5) dB
Permanent temperature resistance: cured foam	-40°C to $+80^{\circ}\text{C}$
Short-term temperature resistance: cured foam	$+100^{\circ}\text{C}$
Building material class: DIN EN 13501-1	Class E (normal combustibility) corresponds to B2 (DIN 4102-1)
Storage life: with dry, cool storage	15 months, vertical and horizontal
Valve type:	Safety valve
Colour:	Ivory

Product name	PU	Item no.
blaugelb 1C Gun Foam XXL Class E 500 ml, with PDR, D/GB	12 x 500 ml can	0419830



The **stable all-rounder** with high internal values.



blaugelb 1C Gun Foam B2 is a one-component PU assembly foam with outstanding dimensional stability and adhesion. The volume shrinkage and subsequent elongation after curing are extremely low. Together with the rapid full cure, this allows efficient work and swift further processing. The blaugelb 1C Gun Foam B2 can be precisely dispensed, has high stability and does not collapse when applied. In this way, even larger cavities can be easily filled with several layers of foam.

Product benefits:

- Outstanding dimensional stability, meaning no volume shrinkage and only low subsequent elongation after curing
- Excellent adhesion to almost all substrates*
- Very good sound and thermal insulation
- Rapid full cure
- Versatile in application
- Solvent-free
- Resistant to a number of chemicals, solvents, paints, oil and petrol
- Non-ageing, rotproof, resistant to mould and decay
- Manufactured under an ISO 9001-compliant quality system
- Fire behaviour B2 (DIN 4102-1)
- Tested to be low in pollutants according to EMICODE EC1 Plus

*Carry out suitable pretests

Shear strength: ISO 1922	0.14 N/mm ²
Compression stress at 10 % compression: DIN EN ISO 844	0.3 N/mm ²
Thermal conductivity: DIN 52612	Approx. 0.0367 W/(m·K)
Joint sound insulation:	tested joint sound insulation 10 mm: [R _{ST,w} (C;C ₂) = 60 (-1; -3) dB] 20 mm: [R _{ST,w} (C;C ₂) = 60 (-1; -3) dB]
Permanent temperature resistance: cured foam	-40 °C to +90 °C
Short-term temperature resistance: cured foam	+120 °C (max. up to 1 h)
Building material class: DIN 4102-1	B2 (normal combustibility)
Change in volume: DIN EN ISO 10563	< 3 %
Water absorption: EN 1609	1 vol. %
Storage life: with dry, cool storage	18 months, upright
Valve type:	Siliconised safety valve
Colour:	Beige

Product name	PU	Item no.
blaugelb 1C Gun Foam B2 750 ml, with PDR, D/GB	12 x 750 ml can	9022762

Apparent density:	Approx. 22 kg/m ³
Cell size/consistency:	Stable; approx. 70 – 80 %, closed
Non-tacky:	Approx. 8 min (30 mm section)
Can be cut:	Approx. 40 min (30 mm section)
Fully load bearing:	Approx. 12 h (30 mm section)
Can be despread:	Approx. 2 h (30 mm joint)
Yield of 750 ml can:	up to 45 litres of foam
Processing temperature of can: min / max / ideal	+5 °C / +30 °C / +20 °C
Processing temperature of surface: min / max / ideal	+5 °C / +35 °C / +20 °C
Processing temperature of surroundings: min / max / ideal	+5 °C / +35 °C / +20 °C
Elongation at break: DIN 53571	Approx. 10 %

blaugelb

2C Assembly Foam Easysystem Class E

Two-component PU assembly foam for the assembly of door frames with innovative wing activation.



A practical application system that makes the work easier and solid internal values are convincing with the **blaugelb 2C Assembly Foam Easysystem** across the entire spectrum.



blaugelb 2C Assembly Foam Easysystem Class E is a two-component PU assembly bonding foam that hardens **without moisture** thanks to its special recipe. Curing occurs very rapidly due to the reaction of the two components. One can of blaugelb 2C Assembly Foam Easysystem Class E is sufficient for the assembly of 2 to 3 internal door cases, depending on the gap width.

Product benefits:

- Very rapid curing without the addition of moisture
- Practical application using the rotary applicator
- High bond strength
- Coverage for 2 to 3 door cases with one can due to the yield of up to 10 litres of foam
- Outstanding thermal and sound insulation values
- Moisture and temperature-resistant
- Non-bonding safety valve allows vertical or horizontal storage without a loss of propellant, with extended storage stability
- The ideal amount of foam can be dispensed without drops or soiling
- Blowing agent not harmful for the ozone layer
- Manufactured under an ISO 9001-compliant quality system
- Suitable for all standard construction surfaces*
- Class E fire behaviour according to DIN EN 13501-1, corresponds to B2 (DIN 4102-1)
- Tested to be low in pollutants according to EMICODE EC1 Plus

*Carry out suitable pretests.

Apparent density:	25 – 35 kg/m ³
Cell size/consistency:	very fine
Non-tacky:	Approx. 8 min (depending on the reaction in the can)
Can be cut:	9 – 12 min (30 mm section)
Fully load bearing:	Approx. 3 h (30 mm section)
Can be despread:	30 min (30 mm joint)
Yield:	up to 10 litres of foam
Processing temperature of can: min / max / ideal	+10 °C / +25 °C / +20 °C
Processing temperature of surface: min / max / ideal	+5 °C / +30 °C / +20 °C
Processing temperature of surroundings: min / max / ideal	+5 °C / +30 °C / +20 °C
Tensile strength: on the basis of DIN 53430	13 – 15 N/cm ²
Elongation at break: on the basis of DIN 53430	Approx. 23 – 28 %
Shear strength: on the basis of DIN 53427	Approx. 8 – 10 N/cm ²
Compression stress at 10 % compression: on the basis of DIN 53421	Approx. 8 – 10 N/cm ²
Thermal conductivity: DIN EN 12667:2001	Approx. 0.0259 W/(m·K)
Joint sound insulation:	tested joint sound insulation 10 mm: [R _{ST,w} (C;C _w) ≥ 60 (–1; –5) dB] 20 mm: [R _{ST,w} (C;C _w) ≥ 59 (–1; –4) dB]
Permanent temperature resistance: cured foam	–40 °C to +80 °C
Short-term temperature resistance: cured foam	+100 °C
Building material class: DIN EN 13501-1	Class E (normal combustibility) corresponds to B2 (DIN 4102-1)
Storage life: with dry, cool storage	18 months, vertical and horizontal
Valve type:	Safety valve
Colour:	Light green

Product name	PU	Item no.
blaugelb 2C Assembly Foam Easysystem Class E 400 ml, with PDR, D/GB	12 x 400 ml can	0419828



The ideal solution for the **assembly of door frames** – quick, straightforward and permanent.



The blaugelb 2C Frame Foam Rapid Pro is a two-component PU assembly bonding foam that hardens without blowing agent. Curing occurs very rapidly as a result of combination of the two components in the provided static mixing tube. During the spreading time of only approx. 20 minutes, only spreaders need be used; no further mechanical attachment is required when assembling interior doors.

Applications: Bonding – sealing

The blaugelb 2C Frame Foam Rapid Pro is ideal for rapid assembly of door frames on interior and exterior doors (not for assembly without any additional mechanical attachment). Suitable for the attachment of wooden door cases, window sills, stair treads. The maximum joint width for the assembly of door frames is 30 mm. One dual cartridge of blaugelb 2C Frame Foam Rapid Pro is sufficient for the assembly of 1 to 2 internal door cases, depending on the joint dimension.

The blaugelb 2C Frame Foam Rapid Pro exhibits outstanding adhesion to all standard construction surfaces (except PE, PP, PTFE, silicones, oils, greases, mould release agents or similar materials). Carry out suitable pretests.

Once cured, the foam is predominantly closed, rot-proof and non-ageing, though not if exposed to UV radiation.

Product benefits:

- Extremely rapid curing without moisture
- Without propellant
- High bond strength
- Can be cut after approx. 5 minutes
- Can be despread after approx. 20 minutes
- Moisture and temperature-resistant
- Manufactured under an ISO 9001:2008-compliant quality system
- Suitable for all standard construction surfaces*
- Building material class B2 (DIN 4102-1)

Apparent density:	Approx. 46 kg/m ³
Cell size/consistency:	Approx. 70 – 80 %, closed
Non-tacky:	Approx. 1 min (30 mm section)
Can be cut:	Approx. 5 min (30 mm section)
Fully load bearing:	Approx. 2 h (30 mm section)
Can be despread:	Approx. 20 min (30 mm joint)
Yield:	Up to 5.5 litres of foam
Processing temperature of can: min / max / ideal	+10 °C / +30 °C / +20 °C
Processing temperature of surface: min / max / ideal	+10 °C / +35 °C / +20 °C
Processing temperature of surroundings: min / max / ideal	+10 °C / +35 °C / +20 °C
Post-elongation:	None
Elongation at break: DIN 53571	Approx. 25 %
Shear strength: DIN 53427	Approx. 0.14 N/cm ²
Pressure resistance: DIN 53421	Approx. 0.3 N/cm ²
Thermal conductivity: DIN 52612	Approx. 0.033 W/(m*K)
Water absorption: DIN 53428	2 vol.%
Water vapour permeability:	70 g/m ² in 24 h
Permanent temperature resistance: cured foam	–40 °C to +90 °C
Short-term temperature resistance: cured foam	+120 °C (max. 1 h)
Building material class: DIN 4102-1	B2
Storage life: with dry, cool storage	9 months
Colour:	Beige

Product name	PU	Item no.
blaugelb 2C Frame Foam Rapid Pro 210 ml D/GB	16 cartridges	0223417

*Carry out suitable pretests.

blaugelb

Foam Gun Cleaner

Thorough cleaning for the blaugelb Dispensing Gun and the fresh PU foam.



Thanks to its high cleaning power, blaugelb Foam Gun Cleaner is ideally suited for removing fresh PU foam. It was developed specifically for cleaning blaugelb Dispensing Guns, but can also be used for other standard dispensing guns. The red spray head supplied can remove other fresh PU foam contamination.

Product benefits:

- High cleaning power
- Dissolves the fresh PU foam reliably so that it can be easily removed
- Prolongs the life and functional capacity of blaugelb Dispensing Guns if used regularly
- Possible use: For the dispensing gun and for universal application
- Specially developed for the blaugelb Dispensing Guns with the matching adapter ring
- The red spray head supplied allows blaugelb Foam Gun Cleaner to be sprayed onto other contaminated surfaces or objects
- Blowing agent not harmful for the ozone layer
- Manufactured under an ISO 9001-compliant quality system

Product name	PU	Item no.
blaugelb Foam Gun Cleaner 500 ml	12 x 500 ml can	0419829

blaugelb

Foam Gun

The reliable everyday companion.



The blaugelb Foam Gun is the suitable tool for the processing of blaugelb Gun Foams. Built to be sturdy and durable for everyday use and equipped with all features for convenient work. For optimum processing and dosage of the PU foams, the foam can and the foam gun should form a coordinated system. The blaugelb Foam Gun is compatible with the valves and gun adapters of the blaugelb Gun Foams. The fitting accuracy was specially tested.

Product benefits:

- High quality foam gun
- Sturdy metal body
- Precise dosage using an adjusting wheel
- Adapter and needle with non-stick coating
- With special professional seal set, quadruple sealing at the needle

Dimensions:	36 x 16.5 x 5.5 cm (L x W x H)
Application:	PU foam can with blaugelb gun adapter
Weight:	330 g

Product name	PU	Item no.
blaugelb Foam Gun	1 piece	0361772



The blaugelb Foam Gun MultiPro is the versatile professional tool for the processing of blaugelb Gun Foams. Built to be sturdy and durable for everyday use and equipped with all features for convenient work.

The gun tube of the blaugelb Foam Gun MultiPro can be steplessly adjusted in all directions so that corners, nooks and other difficult to access locations can be easily reached.

The blaugelb Foam Gun MultiPro is supplied with a dispensing tip set that comprises two tubes for extension and for protection of the gun tip against damage and abrasion, two transparent tips for precise foaming and small gaps, and two red fine nozzles for sealing ETICS parts.

Product benefits:

- High quality foam gun
- Sturdy metal body
- Continuously variable gun tube for use at locations that are difficult to access
- Precise dosage using an adjusting wheel
- Adapter and needle with non-stick coating
- With special professional seal set, quadruple sealing at the needle

Dimensions:	36 x 16.5 x 5.5 cm (L x W x H)
Application:	PU foam can with blaugelb gun adapter
Weight:	358 g
Scope of supply:	Gun incl. suitable dispensing tip set

Product name	PU	Item no.
blaugelb Foam Gun MultiPro	1 piece	0400406

Did you know that a foam gun has a considerable influence on the quality and the fineness of the cells of the gun foam and its coverage?

We therefore recommend using our coordinated products.

blaugelb

Silicone Alkoxy

For expert sealing of structural attachment, construction and expansion joints.



As a key part of the sealing system, **blaugelb Silicone Alkoxy** is especially suitable for the outer level of the joint.



The blaugelb Silicone Alkoxy is a one-component sealant based on alkoxy that cures neutrally. Designed for outdoor use, the blaugelb Silicone Alkoxy is non-fading and also weather and UV-resistant. Thanks to its good initial adhesion, it can usually be applied without primer to almost all substrates encountered in construction. Skin formation has been formulated to take place with a slight delay, for convenient processing.

Product benefits:

- Exceptionally suited for sealing of structural attachment, construction and expansion joints
- Convenient processing thanks to delayed skin formation
- Very good processability
- Very good adhesion to almost all conventional construction materials*
- Moisture and temperature-resistant
- Non-fading, weather and UV-resistant once cured
- Permanently elastic, compensates for unevenness and material movements
- Non-corrosive
- Virtually odourless
- Very good coatability according to DIN 52452-A1
- Building material class E (DIN EN 13501-1)
- Tested to be very low in pollutants according to EMICODE EC1 Plus

*Carry out suitable pretests.

Colour:	RAL 9010 white, RAL 9016 white, RAL 8007 brown, colourless
Curing system:	Polymerisation by atmospheric humidity
Building material class: DIN EN 13501-1	Class E
Curing speed: At 20 °C and 65 % RH	Approx. 1.5 – 2 mm / 24 hrs.
Skin formation: At 20 °C and 65 % RH	Approx. 15 – 20 minutes
Density: DIN EN ISO 10563	1.03 g/ml
Shore A hardness: DIN 53505	20 ± 5
Max. permissible deformation:	25 %
Change in volume: DIN EN 15651-1:2012	Up to –10 vol. %
Elongation at break: DIN 53504	600 %
Elastic recovery: ISO 7389-B	> 80 %
Processing temperature:	Ambient: +5 °C to +35 °C Substrate: +5 °C to +35 °C
Temperature resistance:	from –40 °C to +150 °C
Resistance:	Non-fading, UV and weather-resistant
Ecological report:	EMICODE EC1 Plus
Storage life:	12 months in unopened pack at +5 °C to +25 °C

Product name	PU	Item no.
blaugelb Silicone Alkoxy RAL 9016 white 310 ml	12 cartridges	0426583
blaugelb Silicone Alkoxy colourless 310 ml	12 cartridges	0426586
blaugelb Silicone Alkoxy RAL 9016 white 600 ml	12 bags	0426587
blaugelb Silicone Alkoxy colourless 600 ml	12 bags	0426589



The blaugelb silicone with the **universal area of application** and the added advantage of rapid further processing.

blaugelb Silicone Alkoxy UniPLUS is a one-component, neutral crosslinking sealant based on alkoxy for the professional sealing of structural attachment, construction and expansion joints. The name describes its outstanding properties: It is universally suitable for a broad range of applications and has the additional advantage of faster curing.

Product benefits:

- Exceptionally suited for sealing of external structural attachment, construction and expansion joints
- Very good processability
- Max. total deformation 25 %
- Non-corrosive
- Virtually odourless
- Solvent-free
- Very good adhesion to most conventional construction materials*
- Moisture and temperature-resistant
- Non-fading; weather, UV and water-resistant once cured
- Coatable with suitable paints*
- Building material class E (DIN EN 13501-1)

*Carry out suitable pretests.

Material base:	1C polysiloxane / alkoxy
Colour:	White, concrete grey, colourless
Curing system:	Polymerisation by atmospheric humidity
Building material class: DIN EN 13501-1	Building material class E
Curing speed: At 23 °C and 50 % RH	Approx. 2.5 mm / 24 hrs.
Skin formation: At 23 °C and 50 % RH	Approx. 15 to 20 minutes
Density: ISO 2811-1	1.01 g/ml colourless and white
Shore A hardness: ISO 868	Approx. 17
Max. permissible total deformation:	25 %
Change in volume: ISO 10563	Up to -8 vol. %
Elongation at break: ISO 8339-A	300 %
Elastic recovery: ISO 7389-A	Approx. 85 %
Processing temperature:	From +5 °C to +40 °C (substrate and ambient temperature)
Temperature resistance:	from -40 °C to +140 °C
Resistance:	Non-fading, UV and weather-resistant
Storage life:	12 months in unopened pack at +5 °C to +25 °C

Product name	PU	Item no.
blaugelb Silicone Alkoxy UniPLUS white 300 ml	25 cartridges	0433182
blaugelb Silicone Alkoxy UniPLUS concrete grey 300 ml	25 cartridges	0263267
blaugelb Silicone Alkoxy UniPLUS colourless 300 ml	25 cartridges	0433183

blaugelb

Silicone Oxym

For expert sealing of structural attachment, construction and expansion joints.



As a key part of the sealing system, **blaugelb Silicone Oxym** is especially suitable for the outer level of the joint.

The blaugelb Silicone Oxym is a one-component sealant based on oxym that cures neutrally. Designed for outdoor use, the blaugelb Silicone Oxym is non-fading and also weather and UV-resistant. Thanks to its good initial adhesion, it can usually be applied without primer to almost all substrates encountered in construction. It exhibits no embrittlement, chalking or hairline cracks and is non-corrosive.

Product benefits:

- Exceptionally suited for sealing of structural attachment, construction and expansion joints
- No chalking, embrittlement or hairline cracks
- Very good processability
- Very good adhesion to most conventional construction materials*
- Moisture and temperature-resistant
- Non-fading, weather and UV-resistant once cured
- Permanently elastic, compensates for unevenness and material movements
- Non-corrosive
- Coatability according to DIN 52452-A1
- Building material class E (DIN EN 13501-1)

*Carry out suitable pretests.

Colour:	RAL 9010 white, colourless
Curing system:	Polymerisation by atmospheric humidity
Building material class: DIN EN 13501-1	Class E
Curing speed: At 23 °C and 50 % RH	Approx. 2 mm / 24 hrs.
Skin formation: At 23 °C and 50 % RH	Approx. 7 minutes
Density: DIN 53479	1.03 g/ml (colourless) 1.25 g/ml (white)
Shore A hardness: DIN 53505	22 ± 5
Max. permissible deformation: DIN EN ISO 11600	25 %
Change in volume: EN 15651-1:2012	Up to -10 vol. %
Elongation at break: DIN 53504	600 %
Elastic recovery: ISO 7389-B	> 90 %
Processing temperature:	Ambient: +5 °C to +35 °C Substrate: +5 °C to +35 °C
Temperature resistance:	from -60 °C to +150 °C
Resistance:	Non-fading, UV and weather-resistant
Storage life:	12 months in unopened pack at +5 °C to +25 °C

Product name	PU	Item no.
blaugelb Silicone Oxym RAL 9010 white 310 ml	12 cartridges	0426591
blaugelb Silicone Oxym colourless 310 ml	12 cartridges	0426592
blaugelb Silicone Oxym RAL 9010 white 600 ml	12 bags	0426593
blaugelb Silicone Oxym colourless 600 ml	12 bags	0426594



The blaugelb Acrylic is an ideal solution in the **sealing system** for indoor joints with low movement.

blaugelb Acrylic Sealant is a one-component, neutral crosslinking sealant on an acrylic dispersion basis for the expert sealing of low-movement joints. Thanks to its good initial adhesion, it can usually be applied without primer to almost all substrates encountered in construction. It exhibits good adhesion to porous, absorbent substrates.

blaugelb Acrylic can be painted over with most customary paints (note elongation). A skin forms after approx. 25 minutes.

Product benefits:

- Exceptionally suited for sealing structural attachment and construction joints indoors
- Very good processability
- Virtually odourless
- Solvent-free
- Very good adhesion to most porous and even slightly moist conventional construction materials*
- Moisture and temperature-resistant once cured
- Non-fading, water resistant once cured
- Can be painted over with suitable paints
- Building material class E (DIN EN 13501-1)

*Carry out suitable pretests.

Material base:	1C acrylate dispersion
Colour:	White
Curing system:	Curing through evaporation of water
Building material class: DIN EN 13501-1	Building material class E
Curing speed: at +23 °C and 50 % RH	Approx. 0.2 to 0.3 mm / 24 hrs
Skin formation:	Approx. 25 minutes at +23 °C and 50 % RH
Density: ISO 2811-1	1.56 g/cm ³
Shore A hardness: ISO 868	Approx. 40
Max. permissible total deformation:	12.5%
Change in volume: ISO 10563 EN 15651-1:2012	Up to -30 vol. %
Elongation at break: ISO 8339-A	200 %
Elastic recovery:	n/a
Processing temperature:	Ambient: +5 °C to +40 °C Substrate: +5 °C to +40 °C
Temperature resistance:	from -20 °C to +80 °C
Resistance:	Non-fading, UV and water-resistant once cured
Storage life:	18 months in unopened pack at +10 °C to +25 °C

Product name	PU	Item no.
blaugelb Acrylic white 300 ml	25 cartridges	0263268

blaugelb

Hybrid Polymer Crystal

The sealant and adhesive for the crystal-clear join.



A clear matter: **Bonding and sealing** with the blaugelb Hybrid Polymer Crystal

The blaugelb Hybrid Polymer Crystal is a one-component, permanently elastic sealant and adhesive that cures crystal-clear. Formulated on the basis of a hybrid polymer, it exhibits high initial adhesion and rapid full cure.

Thanks to its crystal-clear transparency, the blaugelb Hybrid Polymer Crystal is ideal for bonding between or to glass indoors, but also for a large range of other uses (not as a glazing sealant). The blaugelb Hybrid Polymer Crystal is waterproof and weather-resistant and also resistant to many chemicals.

Thanks to its high initial adhesion, it can usually be applied without primer to almost all – even wet – substrates encountered in construction.

Product benefits:

- Universally usable for sealing and bonding
- Crystal clear
- Very good processability
- Moisture and temperature-resistant
- Weather-resistant
- Permanently elastic, compensates for unevenness and material movements
- Silicone, isocyanate and solvent-free
- Non-corrosive
- Odourless
- Exceptionally suited for time-critical application due to its fast processability
- Cured by atmospheric humidity from outside inwards
- Very good coatability according to DIN 52452-A1*, can be painted over wet-in-wet
- Suitable for all standard construction surfaces*
- Building material class E (DIN EN 13501-1)

*Carry out suitable pretests.

Material base:	1C hybrid polymer
Colour:	Crystal clear
Curing system:	Polymerisation by atmospheric humidity
Building material class: DIN EN 13501-1	Class E
Curing speed: At 23 °C and 50 % RH	Approx. 2-3 mm / 24 hrs.
Skin formation: At 23 °C and 50 % RH	Approx. 10 minutes
Density: DIN 53479	1.04 g/ml
Shore A hardness: DIN 53505	38 ± 5
Max. permissible deformation: DIN EN ISO 11600	20 %
Change in volume: DIN EN ISO 10563	-3 to -4 vol. %
Tensile strength: DIN 53504	2.4 N/mm ²
Tensile shear strength: DIN 53504	1.0 N/mm ²
Modulus of elasticity 100 %: DIN EN ISO 8339	0.8 N/mm ²
Elongation at break: DIN 53504	300 %
Elastic recovery: ISO 7389-B	> 75 %
Solvent content:	Free
Isocyanate content:	Free
Processing temperature:	Ambient: 0 °C to +40 °C Substrate: 0 °C to +35 °C
Temperature resistance:	from -40 °C to +90 °C
Moisture resistance:	Waterproof
Overpainting:	Very good coatability according to DIN 52452-A1, can be painted over wet-in-wet
Storage life:	12 months in unopened pack at +5 °C to +25 °C

Product name	PU	Item no.
blaugelb Hybrid Polymer Crystal 290 ml crystal clear	12 cartridges	0426600



The blaugelb Adhesive and Sealant Multikraft Extreme is an **impressive performer** right from the start.

The blaugelb Adhesive and sealant Multikraft Extreme is a quick-hardening, elastic 1-component sealant and adhesive based on a hybrid polymer with elevated initial adhesion (high tack). It is moisture-curing, neutral-crosslinking and almost odourless.

Thanks to its high initial adhesion, it can usually be applied without primer to almost all – even wet – substrates encountered in construction. Also suitable for natural stone.

Product benefits:

- Very good adhesion right from the start
- Usually adheres without primer to many substrates, including wet ones
- For universal application for bonding and sealing
- Water-resistant and seawater-resistant
- Non-fading, weather and UV-resistant
- Easy to work
- Permanently elastic after curing, absorbs movements
- Strain-equalising
- Suitable for porous substrates such as natural stone, marble, granite
- Very good coatability according to DIN 52452-A1*
- Can be painted over wet-in-wet
- Silicone, acid, isocyanate and solvent-free
- Non-corrosive
- Virtually odourless

*Carry out suitable pretests.

Material base:	1C hybrid polymer
Colour:	White
Curing system:	Polymerisation by atmospheric humidity
Building material class: DIN EN 13501-1	Class E
Curing speed: at 23 °C and 50 % RH	Approx. 2-3 mm / 24 hrs.
Skin formation: At 23 °C and 50 % RH	Approx. 10 minutes
Density: DIN 53479	1.67 g/ml
Shore A hardness: DIN 53505	40 ± 5
Max. permissible deformation: DIN EN ISO 11600	20 %
Change in volume: DIN EN ISO 10563	-3 to -4 vol. %
Tensile strength: DIN 53504	1.8 N/mm ²
Tensile shear strength: DIN 53504	0.9 N/mm ²
Modulus of elasticity 100 %: DIN EN ISO 8339	0.75 N/mm ²
Elongation at break: DIN 53504	750 %
Elastic recovery: ISO 7389-B	> 75 %
Solvent content:	Free
Isocyanate content:	Free
Processing temperature:	Ambient: 0 °C to +40 °C Substrate: 0 °C to +35 °C
Temperature resistance:	from -40 °C to +90 °C
Moisture resistance:	Water-resistant, seawater-resistant
Overpainting:	Very good coatability according to DIN 52452-A1, can be painted over wet-in-wet
Storage life:	12 months in unopened pack at +5 °C to +25 °C

Product name

blaugelb Adhesive and sealant Multikraft Extreme 290 ml
white

PU

12 cartridges

Item no.

0322091

blaugelb

RC Adhesive

Bonded-on security, signed and sealed.

The blaugelb RC Adhesive for **effective anti-intruder protection** on windows.



The blaugelb RC Adhesive 600 ml black is a one-component, permanently elastic adhesive and sealant for bonding insulated glass in RC2 and RC3 windows.

Applications: Structural bonding of insulated glass for burglary resistance to DIN EN 1627, direct glazing for windows and doors made from PVC, wood and aluminium, for fixing and sealing in the metal and construction industry, for door frames, window sills, plates, panels, strips, wood constructions and many other materials. Very good coatability according to DIN 52452-A1*, can be painted over wet-in-wet.

Product benefits:

- Tested for bonding of insulated glass windows to RC 2 and RC 3
- Generally suitable for RC 2 tested and approved construction elements
- Tested compatibility with edge seal systems
- Moisture and temperature-resistant
- Weather and UV-resistant, non-fading
- Permanently elastic, compensates for unevenness and material movements
- Silicone, isocyanate, solvent, halogen and acid-free
- Non-corrosive, almost odourless
- For universal application for bonding and sealing
- Building material class B2 (DIN 4102)
- Tested to ISO 11600-F+G-25LM
- Tested to be very low in pollutants according to EMICODE EC1 Plus
- Manufactured under an ISO 9001:2008-compliant quality system

*Carry out suitable pretests.

Material base:	1C hybrid polymer
Colour:	Black
Curing system:	Polymerisation by atmospheric humidity
Building material class: DIN 4102-4	B2
Curing speed: At 23 °C and 50 % RH	Approx. 3 mm / 24 hrs.
Skin formation: At 23 °C and 50 % RH	Approx. 6 minutes
Density: DIN 53479	1.50 g/ml
Shore A hardness: DIN 53505	55 +/- 5
Max. permissible deformation:	20 %
Change in volume: DIN EN ISO 10563	Approx. -4 vol. %
Tensile stress value at 100 % elongation: DIN EN ISO 8339	2.3 N/mm ²
Tensile strength: DIN 53504	3.6 N/mm ²
Tensile shear strength: DIN 53504	1.5 N/mm ²
Modulus of elasticity 100 %: DIN EN ISO 8339	2.4 N/mm ²
Elongation at break: DIN 53504	400 %
Elastic recovery: ISO 7389-B	> 75 %
Solvent content:	Free
Isocyanate content:	Free
Processing temperature:	Ambient: 0 °C to +40 °C Substrate: 0 °C to +35 °C
Temperature resistance:	from -40 °C to +90 °C
Moisture resistance:	Waterproof
Ecological report:	EMICODE EC1 Plus
Overpainting:	Very good coatability according to DIN 52452-A1, can be painted over wet-in-wet

Product name	PU	Item no.
blaugelb RC Adhesive 600 ml black	20 bags	9016418

Manual Pressure Gun Tubular Bag

The powerhouse for convenient processing, even of viscous sealing compounds.

The blaugelb Manual Pressure Gun Tubular Bag is the ideal dispensing device for sealants and adhesives in a tubular bag and in a cartridge. It is built to be sturdy and durable for everyday use and equipped with all features for convenient work.

The versatile area of application of the blaugelb Manual Pressure Gun Tubular Bag comprises not only tubular bags up to 600 ml, but also 290 ml, 300 ml and 310 ml cartridges.

Product benefits:

- High-quality manual pressure gun for 1C cartridges and tubular bags
- Ratio 17:1
- With powerful plunger, exceptionally suited for viscous compounds
- Rotating aluminium tube

Dimensions:	54 x 22 x 7.5 cm (L x W x H)
Application:	Tubular bag up to 600 ml 290 ml, 300 ml and 310 ml cartridges
Weight:	1,030 g
Ratio:	17:1 for the best possible power transmission per stroke length

Product name	PU	Item no.
blaugelb Manual Pressure Gun Tubular Bag	1 piece	0400569

Manual Pressure Gun Cartridge

Handy and strong for convenient processing, even of viscous sealing compounds.

The blaugelb Manual Pressure Gun Cartridge is the ideal dispensing device for sealants and adhesives in a cartridge. It is built to be sturdy and durable for everyday use and equipped with all features for convenient work.

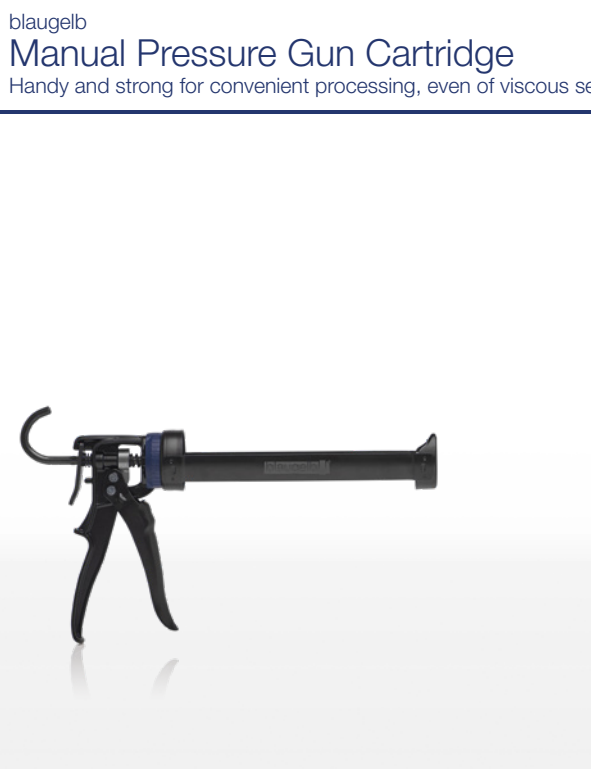
The area of application for the blaugelb Manual Pressure Gun Cartridge comprises 290 ml, 300 ml and 310 ml cartridges.

Product benefits:

- High-quality manual pressure gun for 1C cartridges
- Ratio 17:1
- With powerful plunger, exceptionally suited for viscous compounds

Dimensions:	40 x 21 x 6.5 cm (L x W x H)
Application:	290 ml, 300 ml and 310 ml cartridges
Weight:	780 g
Ratio:	17:1 for the best possible power transmission per stroke length

Product name	PU	Item no.
blaugelb Manual Pressure Gun Cartridge	1 piece	0400568



blaugelb

PVC Adhesive

Solvent-welding agent for rigid PVC.

Provides **constructional connections** in window construction.



The blaugelb PVC-Adhesive forms constructional connections by means of solvent welding of rigid PVC materials in plastic window construction. The blaugelb PVC-Adhesive rapidly and reliably welds all kinds of rigid PVC parts, and particularly profile material such as drain gutters, baffle strips, weatherboarding and roller shutter parts. It is also especially suitable for bonding ABS (pipes, panels, injection moulded parts) and ASA. Not suitable for PMMA and acrylic surfaces.

The thixotrope properties of the blaugelb PVC-Adhesive makes work on vertical substrates easier because it does not run or drip off. Because it does not contain tetrahydrofuran (THF), classified as a suspected carcinogen, in the solvents, the blaugelb PVC-Adhesive helps to improve health protection.

The innovative additive SORBEX®9 imparts more weather protection. It makes the blaugelb PVC-Adhesive especially light-fast and weatherproof. UV resistance is tested by means of the xenon test to DIN 53387. After curing, the blaugelb PVC-Adhesive forms a tough but flexible adhesive joint which in effect welds together the parts to be bonded.

Product benefits:

- Very good processability
- Moisture and temperature-resistant
- Weather and UV-resistant
- Non-yellowing
- Forms a weld with a tough but flexible adhesive joint
- Good chemical resistance

Material base:	Polymers of vinyl chloride in dissolved form
Colour:	Colourless, white
Consistency:	thixotropic
Density:	Approx. 0.91 kg/l
Coverage:	Approx. 250 – 400 g/m ² surface application
Film:	tough but flexible when cured
UV resistance: DIN 53387	confirmed by xenon test
Chemical resistance:	highly resistant to water, alcohol, oils, petrol, diluted bases and acids
Resistance to yellowing:	non-yellowing after weathering action for over 40 hours no change in colour whatsoever at exposure to temperatures of up to +75 °C
Temperature resistance:	from –25 °C to +90 °C
Processing temperature:	+5 °C to +25 °C
Hazard class: Regulation (EC) No. 1272/2008	Hazard categories: flammable liquids: Flam. liq. 2

Product name	PU	Item no.
blaugelb PVC-Adhesive colourless 180 g	50 tubes	9017100
blaugelb PVC-Adhesive white 180 g	50 tubes	9017101



Two-component adhesive for bonding metal, and more.

The blaugelb 2C EPOXY Metal Adhesive is a two-component, viscoplastic adhesive on an epoxy resin basis for bonding metal. The blaugelb 2C EPOXY Metal Adhesive is weather and moisture-resistant. Thanks to its good initial adhesion, the bond can withstand light loads after about 4 hours. The blaugelb 2C EPOXY Metal Adhesive forms a tough but flexible adhesive layer with high strength, but still retains a certain elasticity when cured.

With the supplied static mixing tube, the blaugelb 2C EPOXY Metal Adhesive is ready to use straight away and easy to use. The easy processing is supported by its very good filling and flow properties.

Applications:

The blaugelb 2C EPOXY Metal Adhesive is used for bonding aluminium corner angles and profiles in aluminium window and door construction and in general metal construction.

The blaugelb 2C EPOXY Metal Adhesive is particularly suitable for bonding bare aluminium as well as anodised or varnish-coated aluminium profiles.

Product benefits:

- Fast curing of components
- Particularly good adhesion to bare aluminium, anodised and varnish-coated, wood, metal and GRP*
- Tough but flexible adhesive film, viscoplastic when cured
- Very good filling and flow properties
- High moisture and weather resistance
- UV-resistant
- Suitable for use on coated and anodised profiles
- Ready to use straight away with the supplied static mixing tube
- Withstands light loads after just 4 hours
- Isocyanate-free

*Carry out suitable pretests.

Material base:	Epoxy resin, 2-component (epoxy resin and amine hardener)
Colour:	White
Curing system:	Reaction of the two components
Mixing ratio of resin to hardener:	1:1 by volume
Pot life at +20 °C:	Approx. 60 minutes
Density: DIN 53479	1.30 g/cm ³ (mixture)
Shore D hardness: DIN 53505	Approx. 65
Film:	Tough but flexible when cured
Tensile shear strength: DIN 53283	20 N/mm ²
Solvent content:	Free
Processing temperature:	+5 °C to +25 °C
Moisture resistance:	very good
Storage life:	Min. 15 months in unopened pack at +5 °C to +25 °C
Delivery form:	510 g / 380 ml dual cartridge with accompanying static mixing tube
Hazard class acc. To VbF (German regulation concerning inflammable liquids):	None

Product name	PU	Item no.
blaugelb 2C EPOXY Metal Adhesive 510 g / 380 ml	6 cartridges	0323115
blaugelb Static Mixing Tube (replacement)	1 piece	0130193
Irion sealant gun HPS 300	1 piece	0271404

blaugelb

2C-PUR-Metal Adhesive Duett

Ready to use and with especially good adhesion.



Two-component adhesive for bonding metal, and more.

The blaugelb 2C-PUR-Metal Adhesive Duett is a two-component, tough but flexible adhesive on a polyurethane basis for bonding metal. The blaugelb 2C-PUR-Metal Adhesive Duett is weather and moisture-resistant. Thanks to its good initial adhesion, the bond can withstand light loads after just 2 hours.

With the blaugelb Static Mixing Tube (not included in the scope of supply) the blaugelb 2C-PUR-Metal Adhesive Duett is ready to use straight away and easy to use.

Applications:

The blaugelb 2C-PUR-Metal Adhesive Duett is used for bonding aluminium corner angles and profiles in window, vehicle and container construction. The blaugelb 2C-PUR-Metal Adhesive Duett is also ideally suitable for producing sandwich elements with PS, PUR or PVC rigid-foam cores.

Substrates:

The blaugelb 2C-PUR-Metal Adhesive Duett achieves very good adhesion values on the materials customarily used in window construction, such as aluminium, wood, rigid PVC, GRP, metals, etc.

Product benefits:

- Fast curing of components
- Especially good adhesion on aluminium, wood, metal, rigid PVC and GRP*
- Tough but flexible adhesive film
- High moisture and weather resistance
- Solvent-free
- Suitable for use on coated and anodised profiles
- Ready to use straight away with the blaugelb Static Mixing Tube
- Withstands light loads after just 2 hours

*Carry out suitable pretests.

Material base:	Polyurethane, 2-component (resin and hardener)
Colour:	Beige
Curing system:	Reaction of the two components
Mixing ratio of resin to hardener:	1:1 by volume
Pot life at +10 °C / +20 °C / +30 °C:	Approx. 80 / 45 / 25 minutes
Density: DIN 53479	1.30 g/cm ³ (mixture)
Shore D hardness: DIN 53505	Approx. 65
Viscosity of mixture: Brookfield RVT	Approx. 20,000 mPA*s
Viscosity of resin: Brookfield RVT	Structurally viscous
Film:	Tough but flexible when cured
Tensile shear strength: DIN 53283	15 N/mm ²
Elongation at break: DIN 53504	15 %
Solvent content:	Free
Processing temperature:	+15 °C to +25 °C
Moisture resistance:	very good
Storage life:	9 months in unopened packaging at +15 °C to +25 °C; low temperatures, e.g. +5 °C or higher temperatures e.g. +30 °C reduce the shelf life to 6 months.
Delivery form:	525 g / 380 ml dual cartridge 825 g / 600 ml dual cartridge
Hazard class acc. To VbF (German regulation concerning inflammable liquids):	None

Product name	PU	Item no.
blaugelb 2C-PUR-Metal Adhesive Duett 525 g / 380 ml	6 cartridges	0130191
blaugelb 2C-PUR-Metal Adhesive Duett 825 g / 600 ml	6 cartridges	0008513
blaugelb Static Mixing Tube (not included in the scope of supply)	1 piece	0130193
Irion sealant gun HPS 300	1 piece	0271404



Low and medium-viscosity instant adhesives
for **non-absorbent** substrates.

CA 5



CA 5 VL



The blaugelb Instant Adhesives CA 5 and CA 5 VL are quick-hardening, one-component adhesives for bonding non-absorbent materials. In window and façade construction, they are used especially for bonding butt and mitre joints of rubber sealing strips made from APTK or EPDM, profile and sealing cords of solid and foam rubber, as well as synthetic elastomers (e.g. chloroprene rubber).

Many more uses are also possible. The blaugelb Instant Adhesives CA 5 and CA 5 VL are highly suitable for joining metal to plastics, for example, and do not attack PMMA or acrylic. Mineral substrates such as stone, granite etc. can be bonded. The blaugelb Instant Adhesives CA 5 and CA 5 VL can also be used for a wide range of everyday bonding tasks except on porous or absorbent surfaces.

The blaugelb Instant Adhesive CA 5 exhibits low viscosity at approx. 15 – 30 mPa*s and is therefore runny. The application can be matched precisely to the requirements. For applications that call for a higher viscosity, the blaugelb Instant Adhesive CA 5 VL (medium viscosity at approx. 250 mPa*s) is the right choice.

Basis:	Ethyl cyanoacrylate
Colour:	Colourless
Consistency CA 5 / CA 5 VL:	Thin, approx. 15 – 30 mPa*s Thick, approx. 250 mPa*s
Density:	1.05 g/cm³
Film:	tough but flexible when cured
Processing temperature:	+5 °C to +30 °C
Temperature resistance:	Permanent up to +90 °C
Chemical resistance:	Highly resistant to oils, greases, mild acids and alkalis
Tensile shear strength:	For various types of rubber: 13 N/mm² at +25 °C
VOC content:	Free

Product name	PU	Item no.
blaugelb Instant Adhesive CA 5 20 g (low-viscosity)	20 bottles	0008435
blaugelb Instant Adhesive CA 5 VL 20 g (medium-viscosity)	20 bottles	0008436

Product benefits:

- Hardens very quickly
- Easy-to-use dropper bottle
- Suitable for PMMA and acrylic surfaces
- Moisture and temperature-resistant
- Weather and UV-resistant, non-yellowing
- Solvent-free
- Forms a force-locking connection with a tough but flexible adhesive join
- Good chemical resistance

blaugelb

Cleaner PVC-S5 UVA

Strongly dissolving cleaner, smoothing and polishing agent with weather protection for rigid PVC surfaces.



Strongly dissolving, powerful effect.

The blaugelb Cleaner PVC-S5 UVA thoroughly cleans profile surfaces made from white rigid PVC. The blaugelb Cleaner PVC-S5 UVA is only suitable for profile elements made from white rigid PVC, such as window frames, drain gutters, weatherboarding, cover and flat strips. It is only intended for use in the production area on windows and doors. We assume no liability for consequential damage if used on elements already fitted.

The blaugelb Cleaner PVC-S5 UVA has a very strong dissolving effect. That makes it ideal for polishing ground corner welds and for eliminating minor hairline cracks on the profile surface.

The blaugelb Cleaner PVC-S5 UVA also has a four-fold effect: it thoroughly cleans and removes heavy soiling in general, and specifically rubber marks, adhesive residue, fresh PU foam, bitumen and silicone sealant in a fresh state. With its cleaning effect, it is used to prepare surfaces for bonding. The blaugelb Cleaner PVC-S5 UVA has an antistatic effect and protects the plastic surfaces against rapid repeat soiling. Thanks to its special additives with the UVA system, surfaces are protected against weathering.

Product benefits:

- Highly dissolving
- Cleans thoroughly
- Eliminates surface hairline cracks
- Suitable for polishing ground corner welds
- Specially for white rigid PVC in the production area
- UVA system for high protection against weathering
- Reduces further soiling
- Has an antistatic effect

Basis:	Modified alkyl ketones, free of aromatic compounds, with UVA additive
Colour:	Colourless, clear
Consistency:	Liquid
Density:	Approx. 0.80 g/cm³
Processing temperature:	Optimally at +5 °C to +25 °C
Hazard class:	A I acc. to VbF (German regulation concerning inflammable liquids)

Product name	PU	Item no.
blaugelb Cleaner PVC-S5 UVA	1000 ml	0008458



A four-fold effect that does more than just clean.
Very slightly dissolving.

The blaugelb Cleaner PVC-S10 UVA thoroughly cleans profile surfaces made from white rigid PVC. With the UVA system, the blaugelb Cleaner PVC-S10 UVA provides added weather protection for the treated surfaces. The blaugelb Cleaner PVC-S10 UVA is specifically suitable for profile elements made from white rigid PVC, such as window frames, drain gutters, weatherboarding, cover and flat strips. It is intended for use in the production and assembly area on windows and doors.

The blaugelb Cleaner PVC-S10 UVA slightly dissolves the profile surfaces and also has a four-fold effect: it thoroughly cleans and removes soiling in general, and specifically rubber marks, pencil marks, adhesive residue, fresh PU foam, bitumen and silicone sealant in a fresh state. With its cleaning effect, it is used to prepare surfaces for bonding. The blaugelb Cleaner PVC-S10 UVA has an antistatic effect and protects the plastic surfaces against rapid repeat soiling. Thanks to its special additives with the UVA system, surfaces are protected against weathering.

Basis:	Modified esters of monocarboxylic acid, free of aromatic compounds, with UVA additive
Colour:	Colourless, clear
Consistency:	Liquid
Density:	Approx. 0.90 g/cm ³
Processing temperature:	Optimally at +5 °C to +25 °C
Hazard class:	A I acc. to VbF (German regulation concerning inflammable liquids)

Product name	PU	Item no.
blaugelb Cleaner PVC-S10 UVA	1000 ml	0008430
blaugelb Cleaner PVC-S10 UVA	30 l	0008429

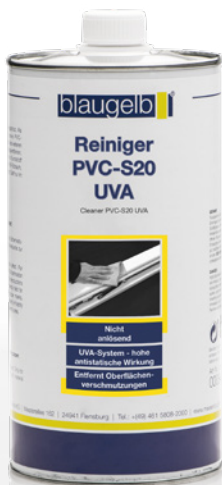
Product benefits:

- Very slightly dissolving
- Cleans thoroughly
- Specially for white rigid PVC
- UVA system for high protection against weathering
- Reduces further soiling
- Has an antistatic effect

blaugelb

Cleaner PVC-S20 UVA

Non-dissolving cleaner with weather protection for PVC surfaces.



Powerful dirt remover, kind to surfaces.

Non-dissolving.

The blaugelb Cleaner PVC-S20 UVA thoroughly and gently cleans rigid PVC profile surfaces as well as PVC laminated film (e.g. Renolit) and acrylic coatings, as well as wood reproductions made using printing and hot-stamping methods. The blaugelb Cleaner PVC-S20 UVA is suitable for all kinds of rigid PVC parts, profile material such as window frames, drain gutters, baffle strips, weatherboarding and roller shutter parts. For use at the assembly stage on plastic profiles and on plastic in general.

The blaugelb Cleaner PVC-S20 UVA does not dissolve the profile surfaces and also has a four-fold effect: it thoroughly cleans and removes soiling in general, and specifically rubber marks, adhesive residue, fresh PU foam, bitumen and silicone sealant in a fresh state. With its cleaning effect, it is used to prepare surfaces for bonding. The blaugelb Cleaner PVC-S20 UVA has an antistatic effect and protects the plastic surfaces against rapid repeat soiling. Thanks to its special additives with the UVA system, surfaces are protected against weathering.

Basis:	Aliphatic hydrocarbon mixture, free of aromatic components, with UVA additive
Colour:	Colourless, clear
Consistency:	Liquid
Density:	Approx. 0.80 g/cm ³
Processing temperature:	Optimally at +5 °C to +25 °C
Hazard class:	A I acc. to VbF (German regulation concerning inflammable liquids)

Product name	PU	Item no.
blaugelb Cleaner PVC-S20 UVA	1000 ml	0008438
blaugelb Cleaner PVC-S20 UVA	30 l	0008437

Product benefits:

- Non-dissolving
- Cleans thoroughly and gently
- Suitable for PMMA and acrylic-coated surfaces
- UVA system for high protection against weathering
- Reduces further soiling
- Has an antistatic effect



The specialist for **cleaning and care** of windows, doors and roller shutters made from coloured, laminated-film and coated rigid PVC or white, light grey and grey rigid PVC.

The blaugelb Cleaner PVC thoroughly and gently cleans and maintains profile surfaces made from rigid PVC.

The blaugelb Cleaner PVC Colour is suitable for all kinds of rigid PVC parts, such as window profiles, doors, profile material such as frames, drain gutters, baffle strips, weatherboarding and roller shutter parts, PVC furniture and plastic fences. For use at the assembly stage on plastic profiles and on rigid PVC in general.

The blaugelb Cleaner PVC in addition has an antistatic effect that imparts the surface with dirt repellent properties.

It cleans thoroughly and generally removes contamination as well as stubborn dirt such as grease, oil and nicotine.

The blaugelb Cleaner PVC Colour is also suitable for film-laminated and coated surfaces made from rigid PVC. Do not use on surfaces coated with water-based paint.

Product benefits:

- Non-dissolving
- Cleans thoroughly and gently
- Water-based
- Has an antistatic effect
- Reduces further soiling
- Highly biodegradable

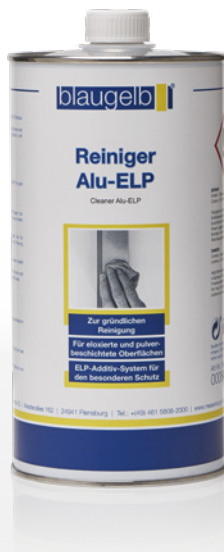
Colour:	Clear or white
Consistency:	Liquid
Density:	Approx. 1 g/cm³ or 1.31 g/cm³
Processing temperature:	Optimally at +5 °C to +25 °C
Temperature resistance:	from +5 °C to +40 °C
Hazard class:	None
Odour:	Fresh, citrus-like

Product name	PU	Item no.
blaugelb Cleaner PVC Colour	500 ml	0008444
blaugelb Cleaner PVC White	500 ml	0008443

blaugelb

Cleaner Alu-ELP

The special cleaner for anodised and powder-coated aluminium surfaces.



The specialist for cleanliness and protection.

The blaugelb Cleaner Alu-ELP thoroughly and gently cleans profile surfaces made from anodised and powder-coated aluminium. In window and door construction, it is used for general final cleaning and removal of marking aids.

The blaugelb Cleaner Alu-ELP removes rubber marks, lime and plaster, adhesive residue, fresh PU foam, bitumen and freshly applied silicone sealant – ideal for use in the production and assembly area.

Thanks to its special additives with the ELP system, surfaces are protected against weathering and rapid repeat soiling.

Product benefits:

- Thorough cleaning
- For the production and assembly area
- Specially suited for anodised and powder-coated surfaces
- ELP additive system for special protection of the surface
- Free of aromatic compounds

Basis:	Aliphatic olefin mixture, free of aromatic components, with ELP additive
Colour:	Colourless, clear
Consistency:	Liquid
Density:	Approx. 0.80 g/cm³
Processing temperature:	Optimally at +5 °C to +25 °C
Hazard class:	A I acc. to VbF (German regulation concerning inflammable liquids)

Product name	PU	Item no.
blaugelb Cleaner Alu-ELP	1000 ml	0008432
blaugelb Cleaner Alu-ELP	30 l	0008431



The blaugelb Organic Multi-Clean is a water-based alkaline universal cleaner for removing stubborn dirt.

Product benefits:

- Contains readily biodegradable surfactants according to OECD criteria
- Cleans thoroughly and gently
- Highly concentrated
- Contains no phosphates
- Non-flammable
- Non-abrasive

Basis:	Water-based
Colour:	Red
pH value (at 100 g/l H ₂ O):	Approx. 11.5
Processing temperature:	from +2 °C to +90 °C
Hazard class:	Water hazard class 1
Solubility in water:	In any ratio

Product name	PU	Item no.
blaugelb Organic Multi-Clean	1000 ml	0130397
blaugelb Organic Multi-Clean	10 l	0130399
blaugelb Organic Multi-Clean	30 l	0130400



The professional cleaning wipe. Non-cured adhesives and sealants (e.g. silicone, acrylic, PU, hybrid polymer), fresh PU foam, paints and much more are cleaned up quickly and effectively.

Product benefits:

- Removes stubborn dirt, grease and oil
- For hands, tools and many smooth surfaces
- Strong effect
- Very efficient
- With special skin care ingredients
- Pleasant, fresh aroma

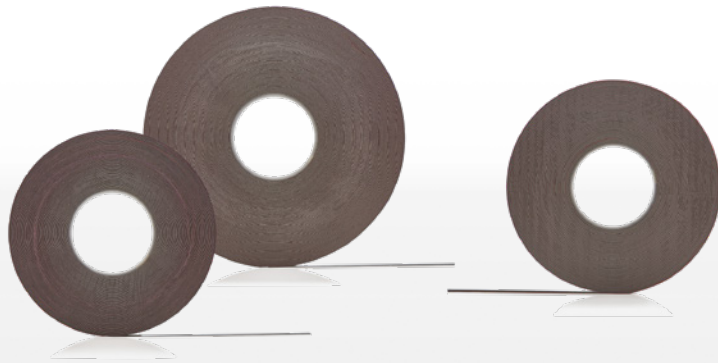
Basis:	Non-woven wipes, waterproofed with a liquid mixture of solvents, biodegradable non-ionic surfactants and skin care ingredients
Consistency:	Non-woven with waterproofing
pH value:	5.3 – 7.5

Product name	PU	Item no.
blaugelb Cleaning Wipes	Box with 80 pieces	0241602

blaugelb

SuperTape

High performance for outstanding adhesion.



blaugelb SuperTape is ideal for **bonding door infill panels** – efficiently and reliably.



The blaugelb SuperTape is a double-sided high-performance adhesive tape on an acrylate basis. It was developed specially for bonding on low-energy surfaces (low surface energy, LSE) such as powder-coated surfaces and various plastics, coated glass and many other surfaces that place high demands with regard to bonding.

Product benefits:

- Strong adhesive strength with high initial adhesion, immediate adhesion on most materials even without primer
- Suitable for low-energy surfaces, powder-coated surfaces, various plastics, PVC, coated glass, aluminium, ceramic, silicones*
- High peel and shear strength
- Excellent clinginess, can be used on structured surfaces
- Resistant to plasticisers, solvents, chemicals

- UV, temperature, water and weather-resistant
- Permanently resistant to ageing
- Vibration and sound-damping properties
- Tear-resistant and robust
- Excellent leak-tightness, no special sealing necessary
- High impact resistance, even at temperatures below 0 °C
- Temperature-resistant from –40 °C to +90 °C, briefly up to +120 °C
- Available in the system with the coordinated blaugelb Cleaner IPA 10, blaugelb Primer 101 and blaugelb Primer 33
- Even distribution of stress

Product name	PU	Item no.
blaugelb SuperTape 064 black 12 mm x 33 m x 0.64 mm	5 rolls	0414730
blaugelb SuperTape 110 black 12 mm x 33 m x 1.10 mm	5 rolls	0414731
blaugelb SuperTape 150 black 12 mm x 16.5 m x 1.50 mm	5 rolls	0414732

	SuperTape 064	SuperTape 110	SuperTape 150
Thickness:	0.64 mm ± 15 %	1.10 mm ± 10 %	1.50 mm ± 10 %
Carrier material:	clingy acrylate tape		
Adhesive:	acrylate adhesive 60		
Density:	600 kg/m³		
Colour:	black		
Protective film:	siliconized PE, red		
Solvent resistance:	outstanding		
UV resistance:	outstanding		
Temperature resistance (minimum / short-term / permanent):	–40 °C / 120 °C / 90 °C		
90° peeling force:	31 N/10 mm	40 N/10 mm	41 N/10 mm
Dynamic shear force:	720 kPa	650 kPa	620 kPa
Normal breaking force:	730 kPa	650 kPa	610 kPa
Static shear force at 22 °C / 66 °C / 93 °C / 121 °C: Weight that ½ square inch can hold over 10,000 min (7 days)	1,000 / 500 / 500 / 250 g		

*Carry out suitable pretests for all materials, use primer if necessary. There is major variation for plastics such as PP, PE, PTFE etc. Can be used for decorative films on a PMMA basis in certain cases.

Cleaner IPA 10

The ideal preparation for the blaugelb SuperTape.



The blaugelb Cleaner IPA 10 is used to clean the surfaces that are to be bonded with the blaugelb SuperTape (double-sided high-performance adhesive tape). For all common surfaces, even powder-coated surfaces, various plastics, (coated) glass, aluminium, ceramic, silicones, PTFE, PP, PE* (*where applicable carry out suitable pretests).

Contents:	Isopropyl alcohol
Colour:	Colourless
Net weight:	1,000 g/litre
Viscosity:	2.5 Pas at +20 °C

Product name	PU	Item no.
blaugelb Cleaner IPA 10	1 litre	0414735

Primer 101

The logical supplement for the blaugelb SuperTape.



The blaugelb Primer 101 is an adhesive agent specially coordinated with the blaugelb SuperTape (double-sided high-performance adhesive tape) that generally increases the adhesion of the blaugelb SuperTape. It ensures optimised adhesion with the blaugelb SuperTape on low and medium-energy surfaces, e.g. powder-coated aluminium, PVC.

Contents:	Mixture of ethylbenzene, xylene and additives
Colour:	Amber
Coverage:	Approx. 12.5 m ² /litre
Net weight:	750 g/litre
Viscosity:	10 mPas at +25 °C

Product name	PU	Item no.
blaugelb Primer 101	1 litre	0414733

blaugelb

Glazing and Glazing Blocks

One small glazing block makes all the difference.



Behind every glazing block you will find the corresponding glazing bridge: The glazing block alone is only half the battle. The blaugelb Glazing Bridges, geared toward the respective system profiles, form the perfect basis for the glazing blocks and thereby ensure correct use of the glazing blocks. When used correctly, blaugelb Glazing Bridges and Glazing Blocks help to prevent damage and thereby save time and money.

blaugelb Glazing Bridge

A blaugelb Glazing Bridge compensates for the base of the rabbet of the window or door profile. The shape of the side lying on the frame allows any water that has penetrated into the rabbet to run off. The blaugelb Glazing Bridge also serves as a mounting surface for the use of blaugelb Glazing Blocks to compensate between the pane and the profile. The position of the inserted blaugelb glazing blocks is protected by securing clips.

The blaugelb Glazing Bridge supports ventilation of the rabbet space and the transfer of loads. They form the basis for the block material, but are not a substitute for the use of glazing blocks. The clamping bracket system ensures easy installation and optimum clamping.

blaugelb Glazing Block

The blaugelb Glazing Blocks ensure that the glass edges do not make contact with the frame at any time to safely prevent damage. They transfer the weight of the glazing unit onto the frame structure and keep the frame and sash in the correct position without twisting or tilting and thereby ensure the proper function. The blaugelb Glazing Blocks are made of high-quality polypropylene. They make do without plasticisers and are therefore edge bond compatible. Thanks to the physical composition, they are capable of withstanding high pressures and thus of ensuring the optimum load transfer. Thanks to the innovative labyrinth ventilation system on the bottom side, the blaugelb Glazing Blocks help to achieve the optimum vapour pressure equalisation as the air and humidity can move longitudinally and transversely. The blocking is to be performed according to Technical Guideline No. 3 "Klotzung von Verglasungseinheiten [Blocking of Glazing Units]" of the Institut des Glaserhandwerks für Verglasungstechnik und Fensterbau [Glazier Institute for Glazing Technology and Window Installation], Hadamar.

The **edge bond compatibility** is responsible for the interactions between the edge bond and the glazing block. Without the compatibility inspection, damaging interactions can occur due to the contact between the sealants in the edge bond of the insulation glass and the glazing blocks. The blaugelb Glazing Blocks do not contain any styrenes that react with the edge bond. The classic plasticiser migration from the edge bond into the blaugelb Glazing Block is thus prevented. With the inspected edge bond compatibility, the blaugelb Glazing Block cannot lose its mechanical stability so that the load transfer continues to function in a manner suitable for the system.

The blaugelb Glazing Blocks have naturally been tested with the popular edge bond manufacturers and the components they use (e.g. Tremco, FENZI, IGK and Kömmerling).

- Fast and easy to assemble
- Vertically and horizontally skid resistant in the rabbet
- Plasticiser-resistant polypropylene material
- Resistant to ageing
- Clamping bracket system compensates for manufacturing tolerances
- Labyrinth ventilation system
- Optimum load transfer and distribution

Product name	PU	Item no.
blaugelb Glazing Bridge ALUPLAST Ideal 2000 / 3000 / 7000 (wing) / 8000	1,000 pcs.	0416268
blaugelb Glazing Bridge ALUPLAST Ideal 4000 / 5000 / 6000 (55 mm)	500 pcs.	0416269
blaugelb Glazing Bridge BRÜGMANN System AD 73 / MD 73 (wing)	500 pcs.	0416276
blaugelb Glazing Bridge BRÜGMANN BluEvolution 82 (wing)	500 pcs.	0432214
blaugelb Glazing Bridge BRÜGMANN BluEvolution 82 (frame)	500 pcs.	0432218
blaugelb Glazing Bridge GEALAN S 7000 IQ / S 8000 IQ	500 pcs.	0416277
blaugelb Glazing Bridge GEALAN S 9000	500 pcs.	0416280
blaugelb Glazing Bridge GEALAN S 7000 / S 8000	500 pcs.	0416281
blaugelb Glazing Bridge KBE System 70 AD / 70 MD	500 pcs.	0416282
blaugelb Glazing Bridge KÖMMERLING Eurofutur / eVolution (54 mm)	500 pcs.	0416283
blaugelb Glazing Bridge PROFINE System 76 AD / 76 MD	500 pcs.	0416289
blaugelb Glazing Bridge PROFINE System 88 AD / 88 MD	500 pcs.	9036106
blaugelb Glazing Bridge REHAU Brillant / Thermodesign	500 pcs.	0416291
blaugelb Glazing Bridge REHAU S 730 / S 735	500 pcs.	0416294

Material:	Regranulated polypropylene
Density: DIN 559920	0.93 g/cm ³
MFI/MFR: ISO 1133	> 4.7 g / 10 min
Modulus of tensile elasticity: ISO 527	908 MPa
Notch impact strength: ISO 179	4.2 kJ/m ²

Product name	PU	Item no.
blaugelb Glazing Bridge REHAU Geno / EuroDesign 86 / S 735	500 pcs.	0416295
blaugelb Glazing Bridge SALAMANDER Streamline	500 pcs.	0416296
blaugelb Glazing Bridge SALAMANDER BluEvolution 92	500 pcs.	0416298
blaugelb Glazing Bridge SCHÜCO Corona CT70	500 pcs.	0416300
blaugelb Glazing Bridge SCHÜCO Si82	500 pcs.	0416301
blaugelb Glazing Bridge SCHÜCO Living	500 pcs.	0433162
blaugelb Glazing Bridge INOUTIC Prestige	500 pcs.	0416302
blaugelb Glazing Bridge INOUTIC Elite / Arcade	500 pcs.	0416304
blaugelb Glazing Bridge TROCAL Innova 70	1,000 pcs.	0416305
blaugelb Glazing Bridge VEKA Softline 76 AD / MD 76 (wing)	500 pcs.	9069690
blaugelb Glazing Bridge VEKA Softline 82	500 pcs.	0416306
blaugelb Glazing Bridge VEKA Topline / Softline 70	500 pcs.	0416309

- Prevent slipping in the vertical frame profile thanks to clamping lugs
- Make contact with the clamping lug at the window and not the glazing rebate
- Only have to be marginally wider than the window thickness
- Reinforced bearing system enables high carrying capacity and an optimum load transfer
- Compatibility exists with popular edge bond materials (based on polysulphide, polyurethane and silicone) such as Tremco, Kömmerling and Fenzi
- Inspected compatibility with Dow Corning adhesives and sealants

Material:	Regranulated polypropylene
Density: DIN 559920	0.93 g/cm ³
MFI/MFR: ISO 1133	> 4.7 g / 10 min
Modulus of tensile elasticity: ISO 527	908 MPa
Notch impact strength: ISO 179	4.2 kJ/m ²
Ball indentation hardness:	80 N/mm ²
Heat deflection temperature:	90 to 115 °C

Thickness	Colour	30 mm x 100 mm	32 mm x 100 mm	44 mm x 100 mm	46 mm x 100 mm
3 mm	Red	0416272 / PU 1,000 pcs.	0416278 / PU 1,000 pcs.	0416285 / PU 500 pcs.	0416290 / PU 500 pcs.
4 mm	Yellow	0416274 / PU 1,000 pcs.	0416279 / PU 500 pcs.	0416287 / PU 500 pcs.	0416292 / PU 500 pcs.
5 mm	Green	0416275 / PU 500 pcs.	0416284 / PU 500 pcs.	0416288 / PU 500 pcs.	0416293 / PU 500 pcs.
6 mm	Black	0428630 / PU 500 pcs.	-	-	-

We recommend using two back-to-back glazing blocks in the glazing range as of a window weight of more than **150 to 160 kg** in order to achieve the optimum pressure distribution and thus minimise the risk of **glass edge fracture** (max. weight for normal tilt and turn fittings = 130 kg).

blaugelb

Glazing Blocks

The block makes the difference.

- Reinforced bearing system enables high carrying capacity and an optimum load transfer
- Compatibility exists with popular edge bond materials (based on polysulphide, polyurethane and silicone) such as Tremco, Kömmerling and Fenzi
- Inspected compatibility with Dow Corning adhesives and sealants
- Labyrinth ventilation system for optimum longitudinal and transverse ventilation and drying
- Temperature-resistant

Material:	Regenerated polypropylene
Density: DIN 559920	0.93 g/cm ³
MFI/MFR: ISO 1133	> 4.7 g / 10 min
Modulus of tensile elasticity: ISO 527	908 MPa
Notch impact strength: ISO 179	4.2 kJ/m ²
Ball indentation hardness:	80 N/mm ²
Heat deflection temperature:	90 to 115 °C

Thickness	Colour	20 mm x 100 mm	22 mm x 100 mm	24 mm x 100 mm	26 mm x 100 mm	28 mm x 100 mm	30 mm x 100 mm
1 mm	White	0416374 / PU 1,000 pcs.	0416380 / PU 1,000 pcs.	0416390 / PU 1,000 pcs.	0416396 / PU 1,000 pcs.	0416403 / PU 1,000 pcs.	0416409 / PU 1,000 pcs.
2 mm	Blue	0416375 / PU 1,000 pcs.	0416381 / PU 1,000 pcs.	0416391 / PU 1,000 pcs.	0416397 / PU 1,000 pcs.	0416404 / PU 1,000 pcs.	0416410 / PU 1,000 pcs.
3 mm	Red	0416376 / PU 1,000 pcs.	0416382 / PU 1,000 pcs.	0416392 / PU 1,000 pcs.	0416398 / PU 1,000 pcs.	0416405 / PU 1,000 pcs.	0416411 / PU 1,000 pcs.
4 mm	Yellow	0416377 / PU 1,000 pcs.	0416383 / PU 1,000 pcs.	0416393 / PU 1,000 pcs.	0416399 / PU 1,000 pcs.	0416406 / PU 1,000 pcs.	0416412 / PU 1,000 pcs.
5 mm	Green	0416378 / PU 1,000 pcs.	0416384 / PU 1,000 pcs.	0416394 / PU 1,000 pcs.	0416400 / PU 1,000 pcs.	0416407 / PU 500 pcs.	0416413 / PU 500 pcs.
6 mm	Black	0416379 / PU 1,000 pcs.	0416385 / PU 1,000 pcs.	0416395 / PU 1,000 pcs.	0416401 / PU 500 pcs.	0416408 / PU 500 pcs.	0416414 / PU 500 pcs.
8 mm	Grey	-	-	-	0416402 / PU 500 pcs.	-	-

Thickness	Colour	32 mm x 100 mm	34 mm x 100 mm	36 mm x 100 mm	40 mm x 100 mm	44 mm x 100 mm	46 mm x 100 mm
1 mm	White	0416415 / PU 1,000 pcs.	0416421 / PU 1,000 pcs.	0416428 / PU 1,000 pcs.	0416434 / PU 1,000 pcs.	9070422 / PU 1,000 pcs.	9070448 / PU 1,000 pcs.
2 mm	Blue	0416416 / PU 1,000 pcs.	0416422 / PU 1,000 pcs.	0416429 / PU 1,000 pcs.	0416436 / PU 1,000 pcs.	0416441 / PU 1,000 pcs.	0416447 / PU 1,000 pcs.
3 mm	Red	0416417 / PU 1,000 pcs.	0416423 / PU 1,000 pcs.	0416430 / PU 1,000 pcs.	0416437 / PU 1,000 pcs.	0416442 / PU 500 pcs.	0416448 / PU 500 pcs.
4 mm	Yellow	0416418 / PU 1,000 pcs.	0416424 / PU 500 pcs.	0416431 / PU 1,000 pcs.	0416438 / PU 500 pcs.	0416443 / PU 500 pcs.	0416449 / PU 500 pcs.
5 mm	Green	0416419 / PU 500 pcs.	0416425 / PU 500 pcs.	0416432 / PU 500 pcs.	0416439 / PU 500 pcs.	0416444 / PU 500 pcs.	0416450 / PU 500 pcs.
6 mm	Black	0416420 / PU 500 pcs.	0416426 / PU 500 pcs.	0416433 / PU 500 pcs.	0416440 / PU 500 pcs.	-	0416451 / PU 250 pcs.
8 mm	Grey	-	-	-	-	-	-

Thickness	Colour	50 mm x 100 mm	54 mm x 100 mm	56 mm x 100 mm	60 mm x 100 mm
1 mm	White	0416452 / PU 1,000 pcs.	9070454 / PU 1,000 pcs.	9070455 / PU 1,000 pcs.	-
2 mm	Blue	0416453 / PU 500 pcs.	0416458 / PU 500 pcs.	0416463 / PU 500 pcs.	0416468 / PU 500 pcs.
3 mm	Red	0416454 / PU 500 pcs.	0416459 / PU 500 pcs.	0416464 / PU 500 pcs.	0416469 / PU 500 pcs.
4 mm	Yellow	0416455 / PU 500 pcs.	0416460 / PU 500 pcs.	0416465 / PU 500 pcs.	0416470 / PU 500 pcs.
5 mm	Green	0416456 / PU 500 pcs.	0416461 / PU 500 pcs.	0416466 / PU 500 pcs.	0416471 / PU 500 pcs.
6 mm	Black	0416457 / PU 500 pcs.	0416462 / PU 500 pcs.	0416467 / PU 500 pcs.	0416472 / PU 500 pcs.
8 mm	Grey	-	-	-	-



blaugelb Distance Assembly Clips

always ensure a perfect gap between wall and component – simply and with no complications.

blaugelb Distance Assembly Clips are made from high-grade polypropylene (PP) and are used for compensation and precise alignment and shimming in window and door construction and in the interior finishing and dry lining of ceilings, walls and floor structures.

Product benefits:

- Fast and millimetre-precise compensation, rapid assembly
- Universal application for compensation, straightening and shimming
- Fixing hooks prevent slippage
- Non-positive direct load suspension
- Made of high-grade polypropylene, high resistance to other chemical products

Material:	Regranulated polypropylene
Density: DIN 559920	0.93 g/cm ³
MFI/MFR: ISO 1133	> 4.7 g / 10 min
Modulus of tensile elasticity: ISO 527	908 MPa
Notch impact strength: ISO 179	4.2 kJ/m ²
Ball indentation hardness:	80 N/mm ²
Heat deflection temperature:	90 to 115 °C

Product name	PU	Item no.
blaugelb Distance Assembly Clip 40x30x1 mm	500 pieces	0416220
blaugelb Distance Assembly Clip 40x30x2 mm	500 pieces	0416222
blaugelb Distance Assembly Clip 40x30x3 mm	500 pieces	0416223
blaugelb Distance Assembly Clip 40x30x4 mm	500 pieces	0416224
blaugelb Distance Assembly Clip 40x30x5 mm	500 pieces	0416225
blaugelb Distance Assembly Clip 40x30x6 mm	500 pieces	0416226
blaugelb Distance Assembly Clip 40x30x8 mm	500 pieces	0416227
blaugelb Distance Assembly Clip 40x30x10 mm	500 pieces	0416228
blaugelb Distance Assembly Clip 60x45x1 mm	500 pieces	0416229
blaugelb Distance Assembly Clip 60x45x2 mm	500 pieces	0416230
blaugelb Distance Assembly Clip 60x45x3 mm	500 pieces	0416231
blaugelb Distance Assembly Clip 60x45x4 mm	500 pieces	0416232
blaugelb Distance Assembly Clip 60x45x5 mm	500 pieces	0416234
blaugelb Distance Assembly Clip 60x45x6 mm	500 pieces	0416235
blaugelb Distance Assembly Clip 60x45x8 mm	250 pieces	0416236
blaugelb Distance Assembly Clip 60x45x10 mm	250 pieces	0416238

blaugelb

Spacer Block

The universal helper for shimming and aligning.

More than just a block – the **universal helper** is indispensable.



The blaugelb Spacer Block is manufactured from high-quality polypropylene and is ideal for proper load transfer during the assembly of windows and doors thanks to its solid structure in the full-pour casting process. Its edge bond compatibility renders it an important and indispensable helper, as does the high compressive load. The fine ribbing on the surface of the blaugelb Spacer Blocks ensures a high slip resistance and thus more safety when levelling.

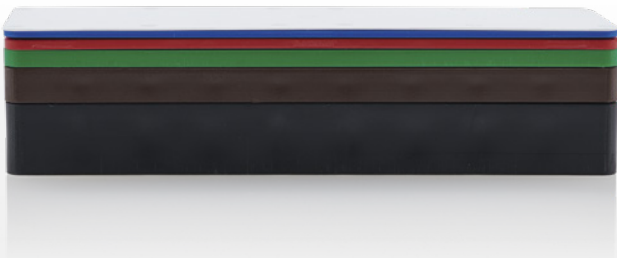
Product benefits:

- Edge bond compatibility thanks to high-quality polypropylene
- Ideal for levelling to the millimetre
- Assembly aid through support
- Suitable for use with heavy loads
- Temperature-resistant and dimensionally accurate – even in the wet, heat or cold
- Can be put to versatile use as base plate or distance plate
- Resistant to ageing
- Resistant to common chemicals

Material:	Polypropylene
Density: DIN 559920	0.90 – 0.94 g/cm ³
MFI/MFR: ISO 1133	20/30 g / 10 min
Flexural modulus: ISO 178	> 1,000 MPa
Notch impact strength: ISO 179	> 3 kJ/m ²
Shore hardness (D):	50 – 60
Portion of filler material:	< 5 %
Average contact surface:	2,400 mm ²
Tolerance range:	± 0.3 mm for height and width

Product name	PU	Item no.
blaugelb Spacer Block 40x60x1.5 mm white	1,000 pieces	0416297
blaugelb Spacer Block 40x60x2 mm blue	1,000 pieces	0418762
blaugelb Spacer Block 40x60x3 mm red	1,000 pieces	0416299
blaugelb Spacer Block 40x60x4 mm yellow	1,000 pieces	9078738
blaugelb Spacer Block 40x60x5 mm green	1,000 pieces	0416310
blaugelb Spacer Block 40x60x10 mm brown	500 pieces	0416311
blaugelb Spacer Block 40x60x15 mm grey (with mesh)	500 pieces	0418764
blaugelb Spacer Block 40x60x20 mm black (with mesh)	500 pieces	0418766
blaugelb Spacer Block 53x66x1.5 mm white	1,000 pieces	9078326
blaugelb Spacer Block 53x66x3 mm red	500 pieces	9078327
blaugelb Spacer Block 53x66x5 mm green	500 pieces	9078328
blaugelb Spacer Block 53x66x10 mm brown	250 pieces	9078329
blaugelb Spacer Block 53x66x15 mm grey (with mesh)	250 pieces	9078330
blaugelb Spacer Block 53x66x20 mm black (with mesh)	250 pieces	9078331

Providing a stable basis – blaugelb Shim Blocks HST for **professional load transfer** of elements with very high construction depths.



The blaugelb Shim Blocks HST (lifting/sliding doors), made from polystyrene PS, are ideal for the professional load transfer of elements with a very high construction depth (e.g. lifting/sliding door elements), thanks to the product size and area. The fine ribbing on the surface of the blaugelb Shim Blocks HST ensures a high slip resistance and thus more safety when levelling.

Product benefits:

- Level load transfer across the entire construction depth prevents “tipping” about the vertical window axis, and avoids torsion in thresholds and/or floor recess profiles (blaugelb Plinth Thermal Insulation Profile PVC/EPS)
- Ideal for levelling to the millimetre
- Assembly aid through support
- Saves time during installation because only one load transfer block is positioned on the anchor base at 90° to the element’s construction depth
- Increased friction thanks to large block surface area reduces slipping on anchor base
- Suitable for use with heavy loads
- Temperature-resistant and dimensionally accurate – even in the wet, heat or cold
- Can be put to versatile use as shim or spacer block
- Resistant to ageing

Material:	Polystyrene PS
Density: ISO 1183	1.04 g/cm ³
Hardness: ISO 2039-1	60 N/mm ²
Tensile stress at yield σ permitted: ISO 2039-1	28 MPa
Pressure resistance:	max. 80 kN
Minimum permanent operating temperature:	-10 °C
Maximum permanent operating temperature:	+80 °C

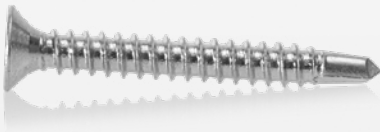
Product name	PU	Item no.
blaugelb Shim Block HST 53x140x1 mm white	250 pieces	9034431
blaugelb Shim Block HST 53x140x2 mm blue	250 pieces	9034432
blaugelb Shim Block HST 53x140x3 mm red	250 pieces	9034433
blaugelb Shim Block HST 53x140x5 mm green	250 pieces	9034454
blaugelb Shim Block HST 53x140x10 mm brown	100 pieces	9034455
blaugelb Shim Block HST 53x140x20 mm black	100 pieces	9034456
blaugelb Shim Block HST 53x170x1 mm white	250 pieces	9034457
blaugelb Shim Block HST 53x170x2 mm blue	250 pieces	9034458
blaugelb Shim Block HST 53x170x3 mm red	250 pieces	9034459
blaugelb Shim Block HST 53x170x5 mm green	250 pieces	9034460
blaugelb Shim Block HST 53x170x10 mm brown	100 pieces	9034461
blaugelb Shim Block HST 53x170x20 mm black	100 pieces	9034462
blaugelb Shim Block HST 53x210x1 mm white	250 pieces	9034463
blaugelb Shim Block HST 53x210x2 mm blue	250 pieces	9034464
blaugelb Shim Block HST 53x210x3 mm red	250 pieces	9034465
blaugelb Shim Block HST 53x210x5 mm green	250 pieces	9034466
blaugelb Shim Block HST 53x210x10 mm brown	100 pieces	9034467
blaugelb Shim Block HST 53x210x20 mm black	100 pieces	9034468

blaugelb

Reinforcement Screw Drilling Bit

For screwing the steel reinforcement to the plastic window profile.

The **blaugelb Reinforcement Screw Drilling Bit** for faster and more effective screwing.



The blaugelb Reinforcement Screw Drilling Bit is used for force-locking screwing of steel reinforcement to plastic window profiles. Manufactured from case-hardened carbon steel, the reinforcement screw has galvanic zinc coating to ensure the best possible corrosion protection.

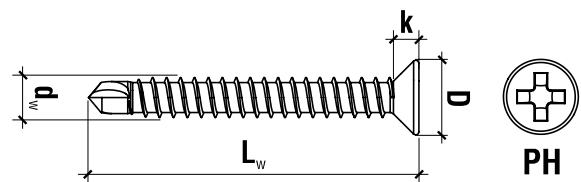
The self-tapping drilling bit can be screwed into steel reinforcement up to 3 mm thick. Smooth automated processing is guaranteed.

The blaugelb Reinforcement Screw Drilling Bit is especially suitable for the following applications:

- The best possible connection of steel reinforcement to the plastic window profile
- Securing all fittings on plastic window systems

Product benefits:

- Fine thread pitch for the best possible connection of the steel reinforcement in plastic window profiles
- Sharp drilling bit for screwing in easily and effectively
- High corrosion protection
- Smooth automated processing



Product name	PU	Item no.
blaugelb Reinforcement Screw Drilling Bit 3.9x16 mm	1,000 pieces	9051274
blaugelb Reinforcement Screw Drilling Bit 3.9x19 mm	1,000 pieces	9051275
blaugelb Reinforcement Screw Drilling Bit 3.9x25 mm	1,000 pieces	9051276
blaugelb Reinforcement Screw Drilling Bit 3.9x32 mm	500 pieces	9051277
blaugelb Reinforcement Screw Drilling Bit 3.9x40 mm	500 pieces	9051278

Material:	Case-hardened carbon steel
Surface:	Galvanised white
Thread:	Tapping-screw thread with drilling bit
Diameter:	3.9 mm
Diameter of head:	7.5 mm
Drive:	Phillips, PH2
Head shape:	90° countersunk head

The **blaugelb Window Construction Screw Gimlet Bit** for faster and more effective screwing.



The blaugelb Window Construction Screw Gimlet Bit is used for force-locking screwing of fitting components on plastic window systems. Manufactured from case-hardened carbon steel, the window construction screw has galvanic zinc coating to ensure the best possible corrosion protection. The braking ribs on the head slow down the blaugelb Window Construction Screw Gimlet Bit when it makes contact with the fitting component and thus prevent the screw head from tearing off.

The sharp gimlet bit makes it possible to screw in quickly and easily with little effort. Smooth automated processing is guaranteed.

The blaugelb Window Construction Screw Gimlet Bit is especially suitable for the following applications:

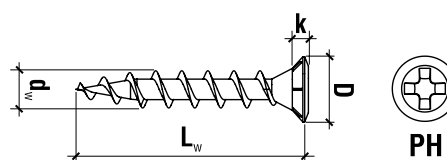
- Optimally securing all fittings on plastic window systems

Product benefits:

- Braking ribs prevent the screw head from tearing off
- Gimlet bit for screwing in easily and effectively
- High corrosion protection
- Smooth automated processing

Technical data:

Material:	Case-hardened carbon steel
Surface:	Galvanised white
Thread:	Tapping-screw thread with gimlet bit
Diameter:	4.0 mm
Diameter of head:	7.3 mm
Drive:	Phillips, PH2
Head shape:	90° countersunk head with braking ribs
TBDK directive: 2014-05	Satisfied



Product name	PU	Item no.
blaugelb Window Construction Screw Gimlet Bit 4.0x16 mm	1,000 pieces	9051255
blaugelb Window Construction Screw Gimlet Bit 4.0x20 mm	1,000 pieces	9051256
blaugelb Window Construction Screw Gimlet Bit 4.0x22 mm	1,000 pieces	9078209
blaugelb Window Construction Screw Gimlet Bit 4.0x25 mm	1,000 pieces	9051257
blaugelb Window Construction Screw Gimlet Bit 4.0x30 mm	1,000 pieces	9051258
blaugelb Window Construction Screw Gimlet Bit 4.0x35 mm	500 pieces	9051259
blaugelb Window Construction Screw Gimlet Bit 4.0x40 mm	500 pieces	9051260
blaugelb Window Construction Screw Gimlet Bit 4.0x45 mm	500 pieces	9051261
blaugelb Window Construction Screw Gimlet Bit 4.0x50 mm	500 pieces	9051262
blaugelb Window Construction Screw Gimlet Bit 4.0x55 mm	500 pieces	9051263

blaugelb

Universal Wood Screw Plus

For ideal screwing indoors and outdoors or in damp rooms.

The **blaugelb Universal Wood Screw Plus** for faster and more effective screwing.



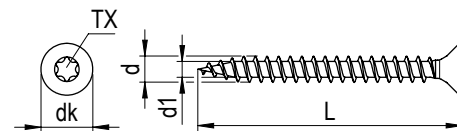
The blaugelb Universal Wood Screw Plus is used for the fast and easy connection of wood and wood elements indoors and outdoors or in damp rooms. The screw's high corrosion resistance stems from the stainless steel A2 used. The special sliding coating of the blaugelb Universal Wood Screw Plus considerably reduces the screw-in resistance and ensures faster turning in of the screw. The flat countersunk head minimises the risk of injury by evenly countersinking into the material.

The screw version with the partial thread also has milling ribs on the head and a cutting edge. The screw-in resistance is decreased by the cutting point, and splitting of the material is also prevented. The attached milling ribs render pre-countersinking unnecessary as the screw head mills into the wood itself.

Because of its characteristics, the full-thread version of the screw can also be used to fasten fitting components.

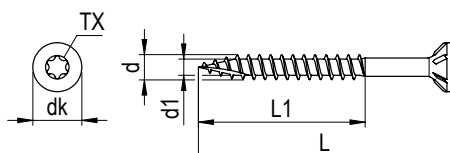
Product benefits:

- Corrosion-resistant thanks to stainless steel A2
- Sliding coating allows the screw to be screwed in effortlessly
- For universal application, as it is available with full and partial thread
- Partial thread version also equipped with milling ribs and cutting point



Product name	PU	Item no.
blaugelb Universal Wood Screw Plus TX partial thread 3.5 x 30 mm	200 pieces	0271451
blaugelb Universal Wood Screw Plus TX partial thread 3.5 x 35 mm	200 pieces	0271452
blaugelb Universal Wood Screw Plus TX partial thread 3.5 x 40 mm	200 pieces	0271454
blaugelb Universal Wood Screw Plus TX partial thread 4.0 x 30 mm	200 pieces	0271455
blaugelb Universal Wood Screw Plus TX partial thread 4.0 x 35 mm	200 pieces	0271476
blaugelb Universal Wood Screw Plus TX partial thread 4.0 x 40 mm	200 pieces	0271477
blaugelb Universal Wood Screw Plus TX partial thread 4.0 x 45 mm	200 pieces	0271479
blaugelb Universal Wood Screw Plus TX partial thread 4.0 x 50 mm	200 pieces	0271480
blaugelb Universal Wood Screw Plus TX partial thread 4.0 x 60 mm	200 pieces	0271482
blaugelb Universal Wood Screw Plus TX partial thread 4.0 x 70 mm	200 pieces	0271483
blaugelb Universal Wood Screw Plus TX partial thread 4.5 x 30 mm	200 pieces	0271484
blaugelb Universal Wood Screw Plus TX partial thread 4.5 x 35 mm	200 pieces	0271485

Material:	Stainless steel A2
Surface:	Sliding coating
Thread:	Single-start thread
Diameter:	3.0 / 3.5 / 4.0 / 4.5 / 5.0 / 6.0 mm
Diameter of head:	6.0 / 7.0 / 8.0 / 9.0 / 10.0 / 12.0
Drive:	TX T10/20/25
Head shape:	Flat countersunk head, partial thread with milling ribs



You will find a complete list of the item numbers at www.blaugelb.de or in the corresponding data sheet

The **blaugelb Universal Wood Screw, Flat Countersunk Head** for faster and more effective screwing.



The blaugelb Universal Wood Screw PZ, Flat Countersunk Head is used for the fast and easy connection of wood and wood elements in interior work, furniture construction and wood construction. The flat countersunk head minimises the risk of injury by evenly countersinking into the material. Thanks to the powerful sliding coating, the screw connections can also be performed more quickly and stably.

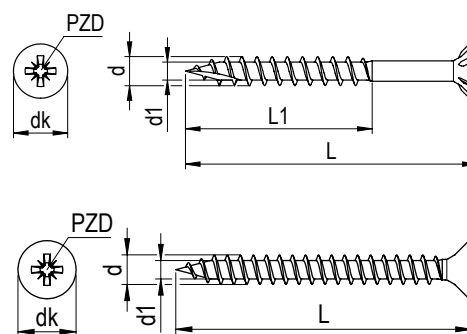
The screw version with the partial thread also has milling ribs on the head and a cutting edge. The screw-in resistance is decreased by the cutting point, and splitting of the material is also prevented. The attached milling ribs render pre-countersinking unnecessary as the screw head mills into the wood itself.

Because of its characteristics, the full-thread version of the screw can also be used to fasten fitting components.

Product benefits:

- ETA approval
- For universal application, as it is available with full and partial thread
- Partial thread version also equipped with milling ribs and cutting point

Material:	Steel
Surface:	Blue galvanized
Thread:	Single-start thread
Diameter:	3.0 / 3.5 / 4.0 / 4.5 / 5.0 / 6.0 mm
Diameter of head:	6.0/7.0/8.0/9.0/10.0/12.0
Drive:	PZ 1/2/3
Head shape:	Flat countersunk head



Product name	PU	Item no.
blaugelb Universal Wood Screw PZ partial thread 3.5 x 50 mm	500 pieces	0203769
blaugelb Universal Wood Screw PZ partial thread 4.0 x 40 mm	500 pieces	0203772
blaugelb Universal Wood Screw PZ partial thread 4.0 x 45 mm	500 pieces	0203773
blaugelb Universal Wood Screw PZ partial thread 4.0 x 50 mm	500 pieces	0203774
blaugelb Universal Wood Screw PZ partial thread 4.0 x 60 mm	500 pieces	0203775
blaugelb Universal Wood Screw PZ partial thread 4.0 x 70 mm	200 pieces	0203776
blaugelb Universal Wood Screw PZ partial thread 4.5 x 45 mm	500 pieces	0203780
blaugelb Universal Wood Screw PZ partial thread 4.5 x 50 mm	500 pieces	0203781
blaugelb Universal Wood Screw PZ partial thread 4.5 x 60 mm	200 pieces	0203782
blaugelb Universal Wood Screw PZ partial thread 4.5 x 70 mm	200 pieces	0203783
blaugelb Universal Wood Screw PZ partial thread 4.5 x 80 mm	200 pieces	0203784

You will find a complete list of the item numbers at www.blaugelb.de or in the corresponding data sheet

blaugelb

Universal Wood Screw TX, Flat Countersunk Head

For ideal screwing indoors and in furniture construction.

The **blaugelb Universal Wood Screw, Flat Countersunk Head** for faster and more effective screwing – for optimum power transmission thanks to the TX drive.



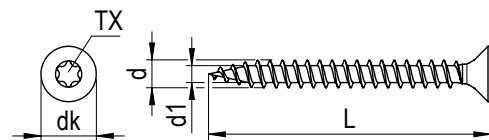
The blaugelb Universal Wood Screw TX, Flat Countersunk Head is used for the fast and easy connection of wood and wood elements in interior work, furniture construction and wood construction. The flat countersunk head minimises the risk of injury by evenly countersinking into the material. Thanks to the powerful sliding coating, the screw connections can also be performed more quickly and stably.

The screw version with the partial thread also has milling ribs on the head and a cutting edge. The screw-in resistance is decreased by the cutting point, and splitting of the material is also prevented. The attached milling ribs render pre-countersinking unnecessary as the screw head mills into the wood itself.

Because of its characteristics, the full-thread version of the screw can also be used to fasten fitting components.

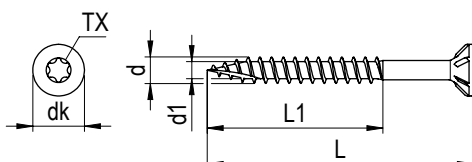
Product benefits:

- ETA approval
- TX drive for optimum power transmission
- For universal application, as it is available with full and partial thread
- Partial thread version also equipped with milling ribs and cutting point



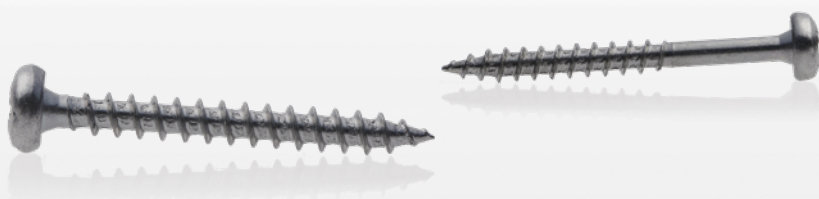
Product name	PU	Item no.
blaugelb Universal Wood Screw TX partial thread 3.5 x 35 mm	1,000 pieces	0203816
blaugelb Universal Wood Screw TX partial thread 3.5 x 40 mm	1,000 pieces	0203817
blaugelb Universal Wood Screw TX partial thread 3.5 x 50 mm	500 pieces	0203819
blaugelb Universal Wood Screw TX partial thread 4.0 x 30 mm	1,000 pieces	0337036
blaugelb Universal Wood Screw TX partial thread 4.0 x 40 mm	500 pieces	0203822
blaugelb Universal Wood Screw TX partial thread 4.0 x 45 mm	500 pieces	0203823
blaugelb Universal Wood Screw TX partial thread 4.0 x 50 mm	500 pieces	0203824
blaugelb Universal Wood Screw TX partial thread 4.0 x 50 mm	500 pieces	0203781
blaugelb Universal Wood Screw TX partial thread 4.0 x 60 mm	500 pieces	0203825
blaugelb Universal Wood Screw TX partial thread 4.0 x 70 mm	200 pieces	0203826
blaugelb Universal Wood Screw TX partial thread 4.5 x 45 mm	500 pieces	0203828
blaugelb Universal Wood Screw TX partial thread 4.5 x 50 mm	500 pieces	0203829

Material:	Steel
Surface:	Blue galvanized
Thread:	Single-start thread
Diameter:	3.0 / 3.5 / 4.0 / 4.5 / 5.0 / 6.0 mm
Diameter of head:	6.0/7.0/8.0/9.0/10.0/12.0
Drive:	TX T10/20/30
Head shape:	Flat countersunk head



You will find a complete list of the item numbers at www.blaugelb.de or in the corresponding data sheet

The **blaugelb Universal Wood Screw, Pan-Head** for faster and more effective screwing alongside optimum contact pressure.



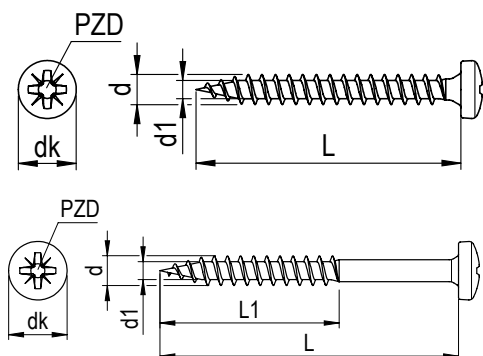
The blaugelb Universal Wood Screw, Pan-Head is used for the fast and easy connection of wood and wood elements in interior work, furniture construction and wood construction. The large screw head has a flat base and is ideal for exerting the optimum contact pressure. Thanks to the powerful sliding coating, the screw connections can be performed more quickly and stably.

Because of its characteristics, the blaugelb Universal Wood Screw, Pan-Head can also be used to fasten fitting components.

Product benefits:

- Pan-head for an optimum contact pressure
- For universal application, as it is available with full and partial thread

Material:	Steel
Surface:	Blue galvanized
Thread:	Single-start thread
Diameter:	3.0 / 3.5 / 4.0 / 4.5 / 5.0 / 6.0 mm
Diameter of head:	6.0/7.0/8.0/9.0/10.0/12.0
Drive:	PZ 1/2/3
Head shape:	Pan-head



Product name	PU	Item no.
blaugelb Universal Wood Screw PZ full thread 3.0 x 12 mm	200 pieces	0309197
blaugelb Universal Wood Screw PZ full thread 3.0 x 16 mm	200 pieces	0309199
blaugelb Universal Wood Screw PZ full thread 3.5 x 12 mm	200 pieces	0309201
blaugelb Universal Wood Screw PZ full thread 3.5 x 16 mm	200 pieces	0309202
blaugelb Universal Wood Screw PZ full thread 3.5 x 20 mm	200 pieces	0309203
blaugelb Universal Wood Screw PZ full thread 4.0 x 16 mm	200 pieces	0309204
blaugelb Universal Wood Screw PZ full thread 4.0 x 20 mm	200 pieces	0309205
blaugelb Universal Wood Screw PZ full thread 4.0 x 25 mm	200 pieces	0309206
blaugelb Universal Wood Screw PZ full thread 4.0 x 30 mm	200 pieces	0309207
blaugelb Universal Wood Screw PZ full thread 4.0 x 35 mm	200 pieces	0309208
blaugelb Universal Wood Screw PZ full thread 4.0 x 40 mm	200 pieces	0309209
blaugelb Universal Wood Screw PZ full thread 4.0 x 50 mm	200 pieces	0309211
blaugelb Universal Wood Screw PZ full thread 4.0 x 60 mm	200 pieces	0309233
blaugelb Universal Wood Screw PZ full thread 4.5 x 20 mm	200 pieces	0309212
blaugelb Universal Wood Screw PZ full thread 4.5 x 30 mm	200 pieces	0309214
blaugelb Universal Wood Screw PZ full thread 5.0 x 25 mm	200 pieces	0309216
blaugelb Universal Wood Screw PZ full thread 5.0 x 30 mm	200 pieces	0309217
blaugelb Universal Wood Screw PZ full thread 5.0 x 40 mm	200 pieces	0309219
blaugelb Universal Wood Screw PZ full thread 5.0 x 45 mm	200 pieces	0309220

You will find a complete list of the item numbers at www.blaugelb.de or in the corresponding data sheet

blaugelb

Solid Wood Flooring Screw

For screwing solid wood flooring indoors.

The **blaugelb Solid Wood Flooring Screw** for faster and more effective screwing.



The blaugelb Solid Wood Flooring Screw is used for fast and easy assembly of solid wood flooring and panels in interior work and renovation. The end mill decreases the screw-in resistance, thereby facilitating screwing in of the screw. This procedure is supported by the cutting point of the blaugelb Solid Wood Flooring Screw, which prevents splitting of the material. The attached milling ribs render pre-countersinking unnecessary as the screw head mills into the wood itself. A seamless assembly is thus also guaranteed thanks to the extra small head.

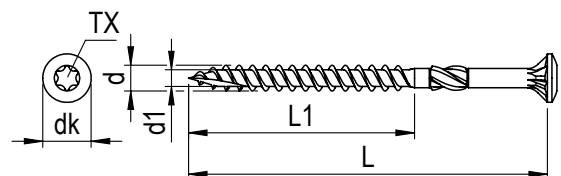
Thanks to the powerful sliding coating and the double-start thread with higher pitch, the screw connections can be performed 50% more quickly and stably.

The special geometry of the blaugelb Solid Wood Flooring Screw reduces the stresses in the material and the components creak considerably less when placed under load or in the event of temperature fluctuations.

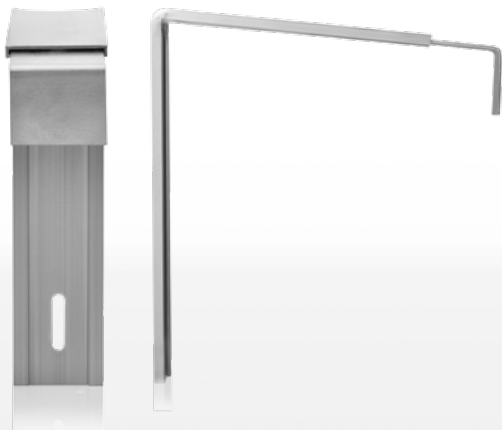
Product benefits:

- Double-start thread for faster screwing in and secure grip
- End mill decreases the screw-in resistance
- Milling ribs for a clean surface, no pre-countersinking necessary
- Cutting point prevents splitting of the material
- Sliding coating allows the screw to be screwed in effortlessly

Material:	Steel
Surface:	Yellow galvanised
Thread:	Double-start thread
Diameter:	3.5 mm
Diameter of head:	6.5 mm
Drive:	TX T15 ?
Head shape:	90° countersunk head



Product name	PU	Item no.
blaugelb Solid Wood Flooring Screw 3.5 x 50 mm	200 pieces	0349795
blaugelb Solid Wood Flooring Screw 3.5 x 65 mm	100 pieces	0349796



Extendible insertion bracket
 guarantees the **best possible adjustment** when attaching the window sill to the building face

Two-piece blaugelb Thermo Holder made of aluminium comprising the base body for securing at the brickwork and the insertion bracket for variable adjustment of the brickwork differentials.

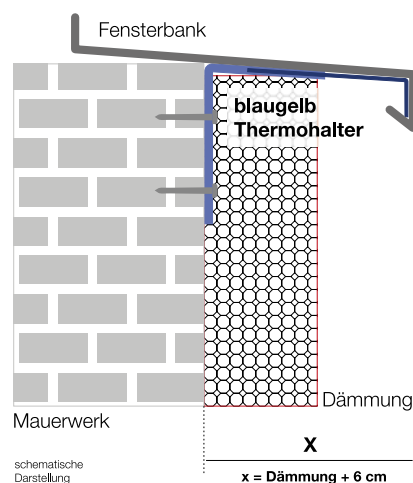
As per the "Richtlinien der RAL Gütesicherung Fenster und Türen" [RAL Quality Assurance Guidelines for Windows and Doors] as well as the "Empfehlungen für den Einbau/Ersatz von Metallfensterbänken" [Recommendations for the Installation/Replacement of Metal Window Sills] from the Gütegemeinschaft Wärmedämmung von Fassaden e.V. (GWF) [Quality Assurance Association for Thermal Insulation of Façades], brackets are to be used as of a construction depth of 150 mm.

Product benefits:

- Simple, secure purchase
- Projections of 155 to 300 mm illustratable
- For 40 mm drip groove
- Guaranteed angle of slope of at least 5°
- Flexibility in all dimensions
- Drainage of the surface water
- Variable adjustment at brickwork differentials

Material:	Aluminium
Bracket material thickness:	2 mm
Insertion bracket material thickness:	1.5 mm

The following is valid to determine the correct dimension "x":



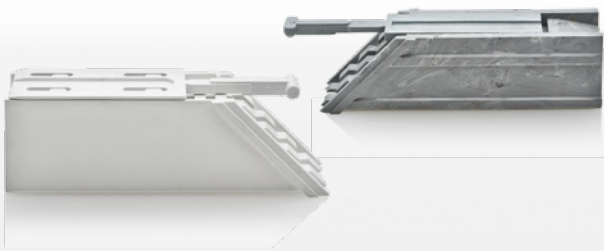
Product name	PU	Item no.
blaugelb Thermo Holder 155 mm (side piece 85/105 mm & insertion bracket 40/100 mm)	1 piece	0416189
blaugelb Thermo Holder 175 mm (side piece 60/125 mm & insertion bracket 40/100 mm)	1 piece	0416188
blaugelb Thermo Holder 210 mm (side piece 95/160 mm & insertion bracket 40/100 mm)	1 piece	0416190
blaugelb Thermo Holder 235 mm (side piece 125/180 mm & insertion bracket 40/100 mm)	1 piece	0416191
blaugelb Thermo Holder 300 mm (side piece 150/200 mm & insertion bracket 40/150 mm)	1 piece	0416192

blaugelb

Weldable Corner Connector

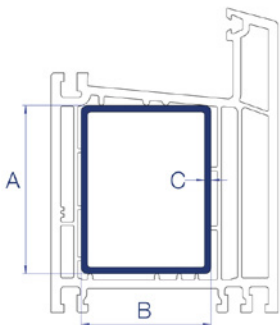
Safety comes from connecting.

blaugelb Weldable Corner Connectors
give doors **high flexural strength**
and **torsional rigidity**.



Product benefits:

- Easy assembly
- Optimum load transfer to the supporting frame
- High torsional rigidity and stability
- Machine tensioning possible



The size of the blaugelb Weldable Corner Connectors is always determined by the **outer dimensions of the steel pipe**:

Sizes A 60 mm / B 40 mm / C 2 mm

Opt. 1 blaugelb Weldable Corner Connector Profi 60x40x2 mm

Opt. 2 blaugelb Weldable Corner Connector Profi Plus 60x40x2 mm

Product name	PU	Item no.
blaugelb Weldable Corner Connector PROFI PLUS 50x40x3 mm	5 sets = 40 pcs.	0416247
blaugelb Weldable Corner Connector PROFI PLUS 50x50x2 mm	5 sets = 40 pcs.	0416248
blaugelb Weldable Corner Connector PROFI PLUS 51x42x2 mm	5 sets = 40 pcs.	0416249
blaugelb Weldable Corner Connector PROFI PLUS 55x40x3 mm	5 sets = 40 pcs.	9049840
blaugelb Weldable Corner Connector PROFI PLUS 55x45x2.5 mm	5 sets = 40 pcs.	0416250
blaugelb Weldable Corner Connector PROFI PLUS 55x49x2.5 mm	5 sets = 40 pcs.	0420016
blaugelb Weldable Corner Connector PROFI PLUS 60x40x2 mm	5 sets = 40 pcs.	0416251
blaugelb Weldable Corner Connector PROFI PLUS 60x40x2.5 mm	5 sets = 40 pcs.	0416252
blaugelb Weldable Corner Connector PROFI PLUS 60x45x2 mm	5 sets = 40 pcs.	0416253
blaugelb Weldable Corner Connector PROFI PLUS 60x45x3 mm	5 sets = 40 pcs.	0416254
blaugelb Weldable Corner Connector PROFI PLUS 60x46x2 mm	5 sets = 40 pcs.	0416255
blaugelb Weldable Corner Connector PROFI PLUS 64x41.3x2 mm	5 sets = 40 pcs.	0416256
blaugelb Weldable Corner Connector PROFI PLUS 65x45x2 mm	5 sets = 40 pcs.	0416257
blaugelb Weldable Corner Connector PROFI PLUS 65x45x3 mm	5 sets = 40 pcs.	0416258
blaugelb Weldable Corner Connector PREMIO 50x40x2 mm	5 sets = 40 pcs.	0416259
blaugelb Clamping Lever for Weldable Corner Connector	1 piece	0417983

PROFI PLUS	PREMIO
Ground stock of hard PVC panels	Hard PVC profile sections
Wall thickness 3 – 5 mm	Wall thickness 5 mm

Product name	PU	Item no.
blaugelb Weldable Corner Connector PROFI PLUS 44.5x42x2 mm	5 sets = 40 pcs.	0416240
blaugelb Weldable Corner Connector PROFI PLUS 44x44x2.5 mm	5 sets = 40 pcs.	0416241
blaugelb Weldable Corner Connector PROFI PLUS 45x35x2 mm	5 sets = 40 pcs.	0416242
blaugelb Weldable Corner Connector PROFI PLUS 45x45x2 mm	5 sets = 40 pcs.	0416243
blaugelb Weldable Corner Connector PROFI PLUS 50x35x2.5 mm	5 sets = 40 pcs.	0416244
blaugelb Weldable Corner Connector PROFI PLUS 50x40x2 mm	5 sets = 40 pcs.	0416245
blaugelb Weldable Corner Connector PROFI PLUS 50x40x2.5 mm	5 sets = 40 pcs.	0416246

Stainless Steel Care Spray

Cleans, maintains and seals all smooth stainless steel and polished metal surfaces.



The blaugelb Stainless Steel Care Spray is the professional care product for stainless steel and polished metals.

Product benefits:

- Has an antistatic effect
- Provides effective protection against "fingerprints" and other soiling
- Does not attack paints
- Free of resin and acid, gentle on metal surfaces

Material base (base oil):	Paraffin oil
Care components:	Special siloxanes
Viscosity: at +20 °C	10 mm ² /s
pH value	7 – 8
Temperature resistance:	–15 °C to +120 °C
Density: at +20 °C	0.740 kg/m ³
Processing temperature:	+16 °C to +32 °C
Colour:	Transparent, light

Product name	PU	Item no.
blaugelb Stainless Steel Care Spray 400 ml	12 x 400 ml can	0250063

Hardware Spray

For a longer service life and proper functioning of fitting components.



The blaugelb Hardware Spray is a special maintenance and care product for all moving fitting components and mechanisms on windows, doors, gates and garages.

Product benefits:

- Provides effective protection against wear and soiling
- Frees seized mechanisms
- Does not attack paints and PMMA films
- Has an antistatic effect
- Free of resin and acid, gentle on metal surfaces
- Silicone-free
- Imparts lasting corrosion protection
- Permanent effect thanks to strong adhesion
- Seawater-resistant

Material base:	Preparation of synthetic oils and additives in environmentally neutral propellant
Care components:	Special Mo _x additives
Density at +20 °C:	Approx. 0.605 g/cm ³
Colour:	Brownish
Processing temperature:	Optimally from +5 °C to +25 °C

Product name	PU	Item no.
blaugelb Hardware Spray 100 ml	12 x 100 ml can	0008446
blaugelb Hardware Spray 500 ml	12 x 500 ml can	0008465

blaugelb

Silicone Spray

Universal antiseize agent and lubricant for everyday needs.



The blaugelb Silicone Spray is a universal antiseize agent, preservative, separating agent and lubricant on a silicone oil basis.

Product benefits:

- Waterproof
- Weather and temperature-resistant from $-30\text{ }^{\circ}\text{C}$ to $+200\text{ }^{\circ}\text{C}$
- Antistatic and dust repellent
- Anti-corrosive and moisture repellent
- Lubricates and impregnates all surfaces without greasing
- For the elimination of creaking, squeaking and running noises on machines, vehicles, fittings, chains

Material base:	Naphtha, silicone oil
Temperature resistance:	$-30\text{ }^{\circ}\text{C}$ to $+200\text{ }^{\circ}\text{C}$
Density: at $+20\text{ }^{\circ}\text{C}$	0.750 kg/m^3
Processing temperature:	$+16\text{ }^{\circ}\text{C}$ to $+32\text{ }^{\circ}\text{C}$
Colour:	Colourless

Product name	PU	Item no.
blaugelb Silicone Spray 400 ml	12 x 400 ml can	0250061

blaugelb

Zinc Spray

High-purity, weather-resistant zinc protective sealing.



The blaugelb Zinc Spray is a high-purity, heat and weather-resistant corrosion protection coating in a dark zinc colour.

Product benefits:

- Long-term corrosion protection
- Universally applicable for coating and touching up hot-dip galvanised surfaces and other metallic surfaces
- Weather-resistant
- Electrically conductive
- Can be painted over

Material base:	Synthetic resin mixture with zinc pigments
Abrasion resistance:	Very good
Processing temperature:	$+16\text{ }^{\circ}\text{C}$ to $+32\text{ }^{\circ}\text{C}$
Colour:	Zinc, dark
Cross-cut: DIN EN ISO 2409	Gt 0 – 1
Bend test: DIN EN ISO 1519	No damage to the surface

Product name	PU	Item no.
blaugelb Zinc Spray 400 ml	12 x 400 ml can	0250058



The blaugelb Bright Zinc Spray is a high-purity, heat and weather-resistant galvanic zinc protective sealing.

Product benefits:

- Long-term corrosion protection
- Universally applicable for coating and touching up hot-dip galvanised surfaces and other metallic surfaces
- Weather-resistant
- Electrically conductive
- Can be painted over

Material base:	Zinc/aluminium mixture
Abrasion resistance:	Very good
Temperature resistance:	to +900 °C
Density: at +20 °C	0.750 kg/m ³
Particle purity:	99 % pure zinc particles
Processing temperature:	+16 °C to +32 °C
Colour:	Hot-dip galvanised, silvery

Product name	PU	Item no.
blaugelb Bright Zinc Spray 400 ml	12 x 400 ml can	0250059



The blaugelb Rust Remover Contact Spray is the ideal problem solver with stuck connections.

Product benefits:

- Undercuts and very effectively removes the rust
- Even stubbornly stuck connections are loosened without difficulty
- Eliminates creaking and squeaking noises
- Provides long-term protection against renewed corrosion
- Lubricates and preserves all surfaces and the finest mechanisms

Material base:	Naphtha, precision oil
Temperature resistance:	−15 °C to +120 °C
Density: at +20 °C	0.670 kg/m ³
Processing temperature:	+16 °C to +32 °C
Colour:	Light yellow

Product name	PU	Item no.
blaugelb Rust Remover Contact Spray 400 ml	12 x 400 ml can	0250064

blaugelb

Multi Care Spray

Multifunctional oil with broad range of applications.



The blaugelb Multi Care Spray is a multifunctional oil that combines the function of various separate oils – such as penetrating oil, contact spray, lubricating oil, corrosion protection, metal care agent, gun oil – in a single product. It is the ideal problem solver when out and about on the construction site or whenever a quick fix is needed.

Product benefits:

- Just one product for many areas of application
- Effective protection against wear
- Permanently lubricates moving parts
- Acid-free, gentle on metal surfaces
- Anti-corrosive
- No gumming up thanks to high-grade additive
- Seawater-resistant and dissolves rust
- Suitable for O- and X-rings

Material base:	Preparation of synthetic oils and additives in environmentally neutral propellant
Density at +20 °C:	Approx. 0.62 g/cm ³
Colour:	Colourless
Processing temperature:	Optimally from +5 °C to +25 °C

Product name	PU	Item no.
blaugelb Multi Care Spray 400 ml	12 x 400 ml can	0301309

blaugelb

Lock Cylinder Spray

When durability and proper functioning are key.



The blaugelb Lock Cylinder Spray is the universal care product for locks and lock cylinders with a special, non-greasing formulation.

Product benefits:

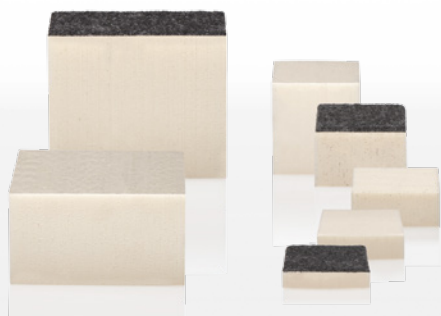
- Provides effective protection against wear and soiling
- Does not bind dust
- Silicone-free
- Rapid creepage
- Imparts lasting corrosion protection

Material base:	Preparation of synthetic oils and additives in environmentally neutral propellant
Care components:	Special additives
Density at +20 °C:	Approx. 0.605 g/cm ³
Colour:	Colourless
Processing temperature:	Optimally from +5 °C to +25 °C

Product name	PU	Item no.
blaugelb Lock Cylinder spray 50 ml	20 x 50 ml can	0370698

Simple and secure

Transport, stack and store.



The blaugelb Transport Pads XPS protect sensitive surfaces and fragile goods against damage during transport. They are made of robust XPS foam, which even absorbs larger compression loads thanks to its special cell structure.

Product benefits:

- Can be removed again from most flat, hard surfaces without leaving residue
- For glass, window panes, easily scratched and pressure-sensitive surfaces as well as wood and plastics
- High compressive strength, reliably absorbs compression loads
- Sticks securely without slipping
- Self-adhesive on one side
- The adhesive is unplasticised
- Can be stacked (several transport pads XPS without felt can be bonded to one another)

Basis:	Extruded polystyrene
Adhesive:	Acrylic adhesive, unplasticised
Apparent density:	30 – 45 kg/m ³ (at +25 °C)
Deformation at 0.04 N/mm ² and 70 °C: DIN EN 1605	≤ 5 %
Compressive strength at 10 % compression: DIN EN 826	300 kPa
UV resistance:	Protect against solar radiation
Weather resistance:	Conditional
Chemical resistance Petrol, diesel, fuel oil, solvents: Salt water: Hydrochloric acid, sulphuric acid, diluted:	Not resistant Resistant Resistant
Water absorption (long-term): DIN EN 12087	≤ 0.7 vol. %
Fire behaviour: DIN EN 13501-1	Class E
Processing temperature:	–50 °C to +70 °C
Protective covering:	Silicone release paper, white

Product name	PU	Item no.
blaugelb Transport Pad XPS 48x48x10 mm	3,300 pcs./box	0414504
blaugelb Transport Pad XPS 48x48x15 mm	2,700 pcs./box	0414524
blaugelb Transport Pad XPS 48x48x20 mm	2,100 pcs./box	0414525
blaugelb Transport Pad XPS 48x48x30 mm	1,500 pcs./box	0414526
blaugelb Transport Pad XPS 48x48x50 mm	900 pcs./box	0414529
blaugelb Transport Pad XPS 48x96x80 mm	480 pcs./box	0414531
blaugelb Transport Pad XPS 96x96x50 mm	234 pcs./box	0414535
blaugelb Transport Pad XPS with felt 48x48x10+2 mm	3,300 pcs./box	0414541
blaugelb Transport Pad XPS with felt 48x48x20+2 mm	2,100 pcs./box	0414543
blaugelb Transport Pad XPS with felt 48x48x30+2 mm	1,500 pcs./box	0414544
blaugelb Transport Pad XPS with felt 48x48x50+2 mm	900 pcs./box	0414545
blaugelb Transport Pad XPS with felt 48x96x80+2 mm	480 pcs./box	0414546

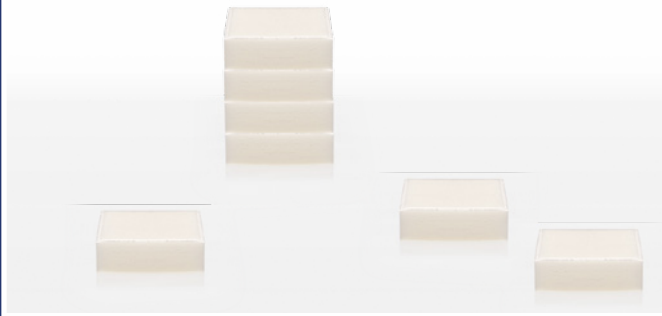
blaugelb

Transport Pad PE

The secure solution for transport and storage.

Simple and secure

Transport, stack and store.



The blaugelb Transport Pads PE protect sensitive surfaces and fragile goods against damage during transport. They are made of polyethylene foam, which elastically absorbs the compression loads and has a high resilience.

Product benefits:

- Can be removed again from most flat, hard surfaces without leaving residue
- For glass, window panes, easily scratched and pressure-sensitive surfaces as well as wood and plastics
- High compressive strength, reliably absorbs compression loads
- Sticks securely without slipping
- Self-adhesive on one side
- The adhesive is unplasticised
- Can be stacked (several transport pads XPS without felt can be bonded to one another)

Basis:	Crosslinked PE slabstock foam
Adhesive:	Acrylic adhesive, unplasticised
Apparent density: ISO 845	45 ± 6 kg/m ³ (at +25 °C)
Deformation at 0.04 N/mm ² and 70 °C: ISO 2796	< 5 %
Compressive strength at 10 % compression: ISO 3386/1	> 60 kPa
Water absorption (long-term): DIN 53428	≤ 1 vol. %
Fire behaviour: FMVSS-302	< 100 mm/min
Processing temperature: ISO 2796	–80 °C to +90 °C
Protective covering:	Silicone release paper, white

Product name	PU	Item no.
blaugelb Transport Pad PE 48x48x15 mm 44 kg/m ³	3,000 pcs./box	0414548



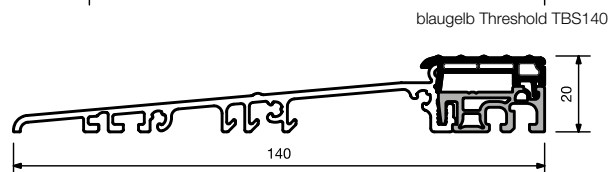
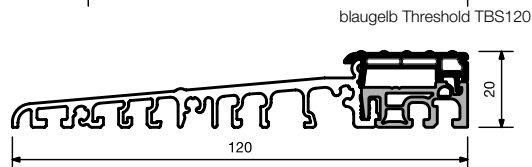
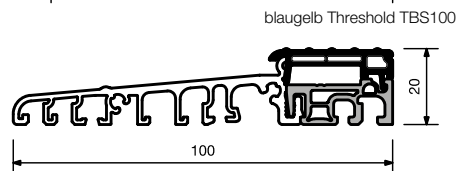
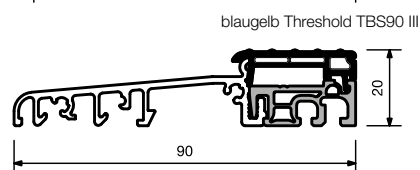
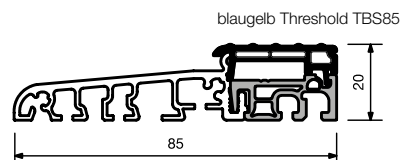
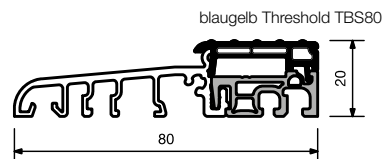
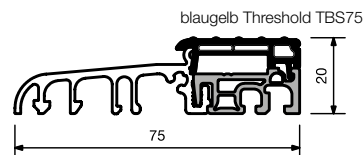
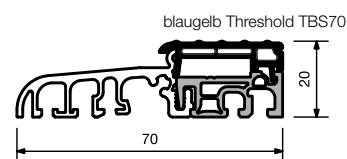
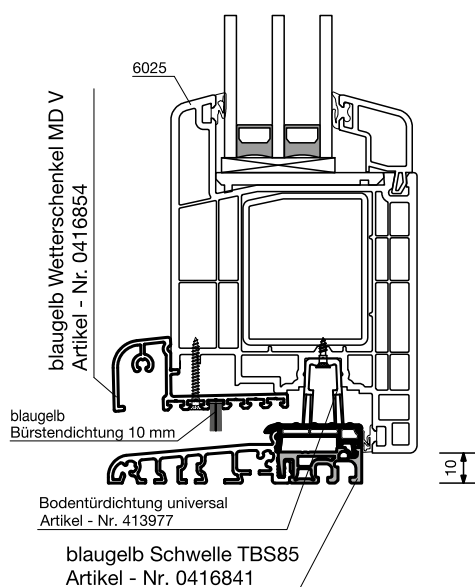
Perfectly coordinated components for the best possible result – the blaugelb Threshold System will win you over.

Various available construction depths, the option of coping, matching supplementary articles and a convincing and consistent quality according to quality standard QM340:

This is the **blaugelb Threshold System TBS**

Accessible, disability-adapted planning, construction and housing

The accessible threshold solution for balcony and front doors in new builds and refurbishment projects specially designed for frame materials made from PVC, wood-metal, metal and timber (single and double rabbet). Using blaugelb system components for the blaugelb TBS threshold as an optimum ancillary range increases the added value of the blaugelb TBS Threshold system.

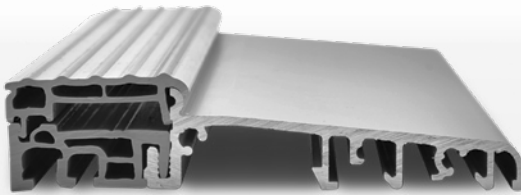


blaugelb

Threshold TBS

The accessible threshold solution for balcony and front doors in new builds and refurbishment projects.

The **blaugelb Threshold system** is designed for frame materials made from PVC, wood-metal, metal and wood (single and double rabbet).



The blaugelb Threshold TBS is made from high-grade anodised aluminium E6/C-0 (EV1) and highly shock-resistant, UV-resistant plastic. The cover is made from riffled plastic that exhibits an anti-slip effect. The blaugelb Threshold TBS is designed for PVC, wood, wood-metal, metal, balcony and house doors as well as for single and double-rabbet, inward and outward-opening doors. In conjunction with the system components, the outstanding thermal insulation properties and watertightness to driving rain are complemented by increased intrusion protection and durability, with the result that the blaugelb Threshold TBS with an overall height of 20 mm meets the requirements for barrier-free design as per DIN 18040. With its attractive design and concealed screws, it is a perfect solution for planning and integrating modern window systems.

Product benefits:

- DIN 18040-compliant accessible building construction
- Outstanding thermal insulation properties and resistant to driving rain
- Improved anti-intruder protection and increased safety for the door/entrance area
- Isothermal characteristic, conforms to DIN 4108-4
- Perfectly coordinated architecture of the blaugelb Threshold TBS
- Closing plates of all turn-and-tilt manufacturers can be inserted flush and with a robust fit without the need for additional work on the threshold
- Highly shock-proof, UV-resistant plastic

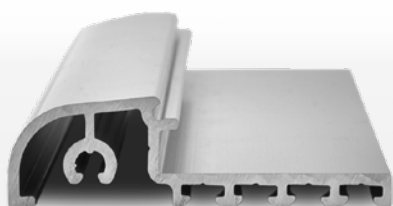
Advantages of coping:

- Greater stability of joint
- No breakage of mounts in transit and due to cold (frost)
- Higher torsional rigidity of the frame thanks to the aluminium bar of the threshold architecture and coped joint with window frame
- Precision fit
- No frame mounts and no post mounts now needed for each system
- Attractive design
- Versatile to use
- Suitable for all profile systems and materials

- Low-cost coping for thresholds, for a safe and permanent connection even of high construction depths

Material of Threshold TBS: thermally separate material	Anodised aluminium E6/C-0 (EV1) / PVC
Material of cover:	Highly shock-proof, UV-resistant plastic
Construction depths:	70 / 75 / 80 / 85 / 90 / 100 / 120 / 140 mm
Threshold height:	20 mm
Barrier-free: DIN 18040	Confirmed
Certified to: ift Rosenheim	QM 340
Temperature factor f_{RSI} value: (with blaugelb Plinth Thermal Insulation Profile)	≥ 0.7 (no possibility of mould formation on surface)

Product name	Length	Item no.
blaugelb Threshold TBS70 incl. cover	6 m	0416819
blaugelb Threshold TBS75 incl. cover	6 m	0416832
blaugelb Threshold TBS80 incl. cover	6 m	0416840
blaugelb Threshold TBS85 incl. cover	6 m	0416841
blaugelb Threshold TBS90 III incl. cover	6 m	0416842
blaugelb Threshold TBS100 incl. cover	6 m	0416843
blaugelb Threshold TBS120 incl. cover	6 m	0416844
blaugelb Threshold TBS140 incl. cover	6 m	0416845



Using blaugelb Weatherboarding on a sash profile for a door or window element acting in conjunction with a threshold element makes it possible to achieve a contactless, no-wear seal. The airflow penetrating from outside between the sash profile and the weatherboarding on the one hand and the threshold structure on the other hand is disrupted at the inner web of the weatherboarding. This reduces the inward airflow, permitting less moisture ingress. Depending on the design, blaugelb Weatherboarding systems have more than 3 to 6 seating grooves for selecting the optimum position for the blaugelb Brush Seal.

Product name	PU	Item no.
blaugelb Weatherboarding AD 0	6 m	0416846
blaugelb Weatherboarding AD I	6 m	0416847
blaugelb Weatherboarding AD II	6 m	0416848
blaugelb Weatherboarding AD III	6 m	0416849
blaugelb Weatherboarding AD IV	6 m	0416850
blaugelb Weatherboarding MD II	6 m	0416851
blaugelb Weatherboarding MD III	6 m	0416852
blaugelb Weatherboarding MD IV	6 m	0416853
blaugelb Weatherboarding MD V	6 m	0416854

The blaugelb Endcaps made of plastic have a design and shape that visually matches the weatherboarding, and can be optimally positioned thanks to the severable locating pins and weather-resistant stainless steel screws (A2 4x20 mm, included in delivery specification).

Product name	Colour	PU	Item no.
blaugelb Pair of Endcaps AD 0 – IV	PVC grey	50 pairs	0416857
blaugelb Pair of Endcaps MD II – IV	PVC grey	50 pairs	0416858
blaugelb Pair of Endcaps MD IV	PVC grey	50 pairs	0416859

For sleeve solutions, blaugelb Sleeve Endcaps made of plastic together with the blaugelb Weatherboarding offer the perfect combination and can be ideally fastened with weather-resistant stainless steel screws (A2 4x20 mm, included in delivery specification).

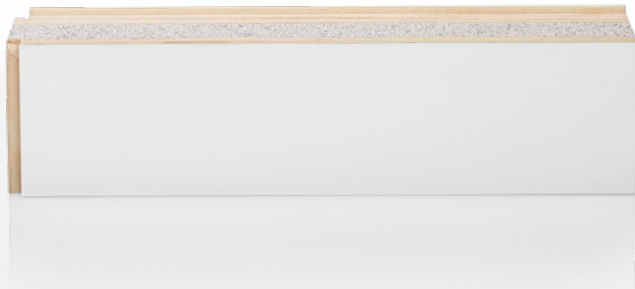
Product name	Colour	PU	Item no.
blaugelb Sleeve Endcap Pair RS AD	PVC grey	5 pairs	9020685
blaugelb Sleeve Endcap Pair LS AD	PVC grey	5 pairs	9020686
blaugelb Sleeve Endcap Pair RS MD	PVC grey	5 pairs	9020687
blaugelb Sleeve Endcap Pair LS MD	PVC grey	5 pairs	9020688

blaugelb

PVC/EPS plinth thermal insulation profile

For perfect insulation results.

Dovetail joint guarantees infinite extension
with no waste



The blaugelb Plinth Thermal Insulation Profile PVC/EPS (expanded rigid polystyrene foam) offers the best possible heat and moisture protection on front and balcony doors made from wood, wood/aluminium, aluminium and plastic. The blaugelb Plinth Thermal Insulation Profile PVC/EPS consists of an EPS rigid foam core and two layers of poplar plywood coated on the outside with a PVC plastic. The poplar plywood has IW67 bonding quality and is bonded with an adhesive of D3 quality (EN 204-D3).

Product benefits:

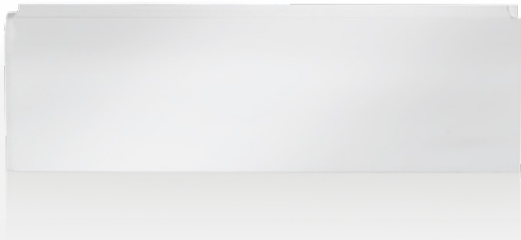
- Effective insulation offering high potential savings
- Plinth thermal insulation permanently eliminates energy weak points on components installed on floor slabs
- Plinth thermal insulation using the blaugelb Plinth Thermal Insulation Profile PVC/EPS prevents damage caused by moisture and mould

Surface and cover plate:	1 mm PVC VEKA on both sides and 12 or 24 mm plywood panel, IW67
Thermal insulation:	EPS perimeter 30 kg/m ³ , intensive expanded rigid polystyrene foam
Gluing:	IW67 waterproof D3 (EN204-D3)
blaugelb Plinth Thermal Insulation Profile 60 mm thickness:	1 mm 24 mm 22 mm 12 mm 1 mm
blaugelb Plinth Thermal Insulation Profile 64 mm thickness:	1 mm 24 mm 26 mm 12 mm 1 mm
blaugelb Plinth Thermal Insulation Profile 66 mm thickness:	1 mm 24 mm 28 mm 12 mm 1 mm
blaugelb Plinth Thermal Insulation Profile 68 mm thickness:	1 mm 24 mm 30 mm 12 mm 1 mm
blaugelb Plinth Thermal Insulation Profile 74 mm thickness:	1 mm 24 mm 36 mm 12 mm 1 mm
Thermal conductivity U value at 60 mm:	0.888 W/m ² K
Thermal conductivity U value at 64 mm:	0.802 W/m ² K
Thermal conductivity U value at 66 mm:	0.765 W/m ² K
Thermal conductivity U value at 68 mm:	0.731 W/m ² K
Thermal conductivity U value at 74 mm:	0.645 W/m ² K
Screw withdrawal value SPT 4.3x40 at a vertical engagement depth of 28 mm:	2,150 N
Screw withdrawal value FBFK 7.5x62 at a horizontal engagement depth of 40 mm:	3,526 N
Pressure resistance:	5,000 kg/m

Product name	PU	Item no.
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x130x60 mm	1 piece	9070182
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x150x60 mm	1 piece	9070183
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x165x60 mm	1 piece	9123861
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x180x60 mm	1 piece	9070184
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x50x64 mm	1 piece	9052718
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x100x64 mm	1 piece	0413898
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x130x64 mm	1 piece	0413899
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x150x64 mm	1 piece	0413900
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x165x64 mm	1 piece	9068730
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x180x64 mm	1 piece	0413901
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x50x66 mm	1 piece	9128235
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x100x66 mm	1 piece	9128236
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x130x66 mm	1 piece	9128237
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x150x66 mm	1 piece	9128238
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x165x66 mm	1 piece	9128239
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x180x66 mm	1 piece	9128240
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x100x68 mm	1 piece	0413902
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x130x68 mm	1 piece	0413903
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x150x68 mm	1 piece	0413904
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x180x68 mm	1 piece	0413905
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x100x74 mm	1 piece	0433175
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x130x74 mm	1 piece	0433176
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x150x74 mm	1 piece	0433177
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x180x74 mm	1 piece	0433178
Twist drill DIN 1869 HSS-G extra long D = 6 mm, L = 330 mm	1 piece	0417239
Bit 867/4 TX30 70 mm	1 piece	6601006844

Product name	PU	Item no.
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x50x60 mm	1 piece	9070180
blaugelb Plinth Thermal Insulation Profile PVC/EPS 3088x100x60 mm	1 piece	9070181

Dovetail joint guarantees infinite extension **with no waste**



The blaugelb Plinth Thermal Insulation Profile IHP/EPS (integral rigid foam board/expanded rigid polystyrene foam) offers the best possible heat and moisture protection on front and balcony doors made from wood, wood/aluminium, aluminium and plastic. The blaugelb Plinth Thermal Insulation Profile IHP/EPS is comprised of an EPS rigid foam core and two layers of integral rigid foam board. The integral rigid foam board has IW67 bonding quality and is bonded with an adhesive of D3 quality (EN 204-D3).

Product benefits:

- Effective insulation offering high potential savings
- Plinth thermal insulation permanently eliminates energy weak points on components installed on floor slabs and enhances indoor comfort
- Plinth thermal insulation using the blaugelb Plinth Thermal Insulation Profile IHP/EPS prevents damage caused by moisture and mould

Surface and cover plate:	on both sides 10 mm IHP white
Thermal insulation:	EPS perimeter 30 kg/m ³ , intensive expanded rigid polystyrene foam
Gluing:	IW67 waterproof D3 (EN204-D3)
blaugelb Plinth Thermal Insulation Profile 50 mm thickness:	10 mm 30 mm 10 mm
blaugelb Plinth Thermal Insulation Profile 64 mm thickness:	10 mm 44 mm 10 mm
blaugelb Plinth Thermal Insulation Profile 66 mm thickness:	10 mm 46 mm 10 mm
blaugelb Plinth Thermal Insulation Profile 68 mm thickness:	10 mm 48 mm 10 mm
blaugelb Plinth Thermal Insulation Profile 74 mm thickness:	10 mm 54 mm 10 mm
Thermal conductivity U value at 50 mm:	0.733 W/m ² K
Thermal conductivity U value at 64 mm:	0.559 W/m ² K
Thermal conductivity U value at 66 mm:	0.548 W/m ² K
Thermal conductivity U value at 68 mm:	0.523 W/m ² K
Thermal conductivity U value at 74 mm:	0.478 W/m ² K
Screw withdrawal value: SPT 4.3x40 at a vertical engagement depth of 17 mm	1,750 N
Screw withdrawal value: Frame Screw Fix FK-T30 2x 7.5x42	3,240 N
Pressure resistance:	4,600 kg/m

Product name	PU	Item no.
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x100x50 mm	1 piece	9066450
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x130x50 mm	1 piece	9066451
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x140x50 mm	1 piece	9066452
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x150x50 mm	1 piece	9066453
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x180x50 mm	1 piece	9066554
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x40x64 mm	1 piece	9066447
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x100x64 mm	1 piece	9052719
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x130x64 mm	1 piece	9052720
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x140x64 mm	1 piece	9066448
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x150x64 mm	1 piece	9052721
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x180x64 mm	1 piece	9052722
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x40x66 mm	1 piece	9072828
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x100x66 mm	1 piece	9072829
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x140x66 mm	1 piece	9072830
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x40x68 mm	1 piece	9123862
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x100x68 mm	1 piece	9052723
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x130x68 mm	1 piece	9052764
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x150x68 mm	1 piece	9052765
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x180x68 mm	1 piece	9052766
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x40x74 mm	1 piece	9123863
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x100x74 mm	1 piece	9052767
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x130x74 mm	1 piece	9052768
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x150x74 mm	1 piece	9052769
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x180x74 mm	1 piece	9052770
Twist drill DIN 1869 HSS-G extra long D = 6 mm, L = 330 mm	1 piece	0417239

Product name	PU	Item no.
blaugelb Plinth Thermal Insulation Profile IHP/EPS 2988x40x50 mm	1 piece	9066449

blaugelb

Drilling Template SDP PVC/EPS

The perfect aid for pre-drilling – precise and long-lasting.



The blaugelb Drilling Template SDP PVC/EPS allows thresholds to be fitted on the blaugelb 60 mm, 64 mm, 68 mm and 74 mm Plinth Thermal Insulation Profiles PVC/EPS quickly, easily and precisely.

Made of high-grade aluminium and featuring hardened drill bushings, the blaugelb Drilling Template SDP PVC/EPS can be positioned both in the tongue and in the groove of the blaugelb Plinth Thermal Insulation Profile PVC/EPS. The quality of the material enables us to guarantee there is no wear.

Product benefits:

- Tongue and groove ensure perfect alignment
- Quick, easy and precise assembly
- Hardened bushings for a long useful life

Technical data:

Material:	Aluminium
Bushings:	Hardened for longer useful life
Hole diameter:	6 mm

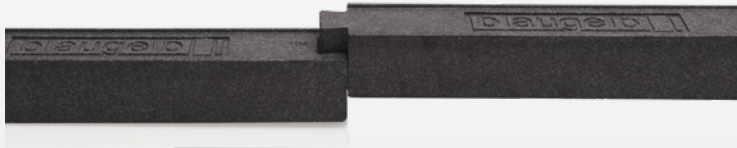
For the holes we recommend a special chip-removing ground finish (e.g. using a twist drill DIN1869 HSS-G extra long, item no. 0417239 for drilling extremely deep holes under difficult drilling conditions such as poor chip removal).



Product name	PU	Item no.
Twist drill DIN 1869 HSS-G extra long D = 6 mm, L = 330 mm	1 piece	0417239

Product name	PU	Item no.
blaugelb Drilling Template SDP PVC/EPS 60 mm	1 piece	9072329
blaugelb Drilling Template SDP PVC/EPS 64 mm	1 piece	0419413
blaugelb Drilling Template SDP PVC/EPS 68 mm	1 piece	0419417
blaugelb Drilling Template SDP PVC/EPS 74 mm	1 piece	9020270
Twist drill DIN 1869 HSS-G extra long D = 6 mm, L = 330 mm	1 piece	0417239

Dovetail joint guarantees infinite extension with no waste.



The blaugelb Plinth Thermal Insulation Profile EPS is made from a high-density EPS (expanded polystyrene) and offers the best possible heat and moisture protection on front doors and balcony doors made from wood, wood/aluminium, aluminium and plastic. The blaugelb Plinth Thermal Insulation Profile EPS is sturdy, durable and is exceptionally quick and easy to fit. The blaugelb Plinth Thermal Insulation Profile EPS provides thermal insulation and reduces the scope of conventional plastic profiles to form thermal bridges. It is dimensionally stable, 100 % free of HCFCs, HFCs and HBCDs. The blaugelb Plinth Thermal Insulation Profile EPS was specially developed for fitting as a substructure thermal insulation profile under thresholds.

By virtue of the innovative dovetail joint, the blaugelb Plinth Thermal Insulation Profile EPS can be positively interlocked, to create any desired length. The dovetail joint reduces the amount of waste, possibly even avoiding waste altogether, while the 1,175 mm length of the individual profiles is ideal for transport and storage (Europallet). Thanks to its low weight and compact dimensions, the blaugelb Plinth Thermal Insulation Profile EPS is unbeatably quick and straightforward to process. With the tongue and groove joint, the two blaugelb Plinth Thermal Insulation Profiles EPS which are to be joined have a groove on one edge and a tongue on the other edge and can be coupled in height one under the other.

Product benefits:

- Effective insulation offering high potential savings
- Plinth thermal insulation permanently eliminates energy weak points on components installed on floor slabs and enhances indoor comfort
- Plinth thermal insulation using the blaugelb Plinth Thermal Insulation Profile EPS prevents damage caused by moisture and mould

Compressive load bearing capacity at max. total deformation of 2 %:	1,260 kg/dm ²
Compressive load bearing capacity at 60 x 40 mm: (blaugelb Spacer Block)	5,800 N
Compressive load bearing capacity at 210 x 53 mm: (blaugelb Shim Block HST)	15,510 N
Fire behaviour: DIN 4102-1:1998-05	B2

Fire behaviour: DIN EN 13501-1:2019-05	Class E
Thermal conductivity nominal value λ_{10} : DIN EN 12667:2001-05	0.0403 W/m·K
Water vapour diffusion resistance: DIN EN ISO 12086	228 μ
Air permeability: EN 12207	Class 4
Bending strength: DIN EN 12089	$\geq 2,490$ kPa
Compression stress (2 %) compression: DIN EN DIN EN 13163:2017 / EN 826:2013-05	$\geq 1,435$ kPa
Shear strength: DIN EN ISO 14130	0.217 N/mm ²
Dimensional strength: DIN ISO 75-1	Short-term up to +95 °C Long-term up to +85 °C
Dimensional stability: DIN EN 13163:2015-04	Very high, including outdoor weathering
Water absorption after 28 days under water: DIN 12087	≤ 0.5 vol. %
Screw withdrawal values: blaugelb Frame Screw Fix FK-T30 7.5x42 mm sfs window sill screw 4.5x35 mm	$F_{RK, AZ}$ 1,200 N $F_{RK, AZ}$ 510 N
Compatibility with conventional building materials:	Compatible, except for solvents, solvent-bearing materials and materials that are not polystyrene-compatible

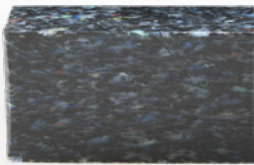
Product name	PU	Item no.
Plinth Thermal Insulation Profile EPS 30x64x1175 mm	Bundle of 20 pcs.	0420841
Plinth Thermal Insulation Profile EPS 50x64x1175 mm	Bundle of 12 pcs.	0420842
Plinth Thermal Insulation Profile EPS 100x64x1175 mm	Bundle of 6 pcs.	9067823

blaugelb

Filling Piece (Gealan)

The perfect connection between threshold and profile.

Secure purchase and the highest flexibility when handling



The blaugelb Filling Piece consists of an extremely versatile ultra-high molecular weight high-density polyethylene with a molecular weight of approx. 500,000 g/mol. and an admixture of reclaimed materials of consistent quality. High wear resistance, high impact resistance and outstanding slip properties make it a perfect match for use in the threshold area, door construction or mechanical engineering, for example.

The blaugelb Filling Piece is particularly suitable as an insulating connection between the aluminium threshold and the profile system. It is temperature-resistant and has a high abrasion resistance. The blaugelb Filling Piece for different profile systems 50 mm sizes/20 PU can be cut, milled and screwed without pre-drilling with fitting screws.

Product benefits:

- Perfectly insulating connection between the aluminium threshold and the profile system
- Outstanding slip properties with high wear resistance
- High temperature resistance, high abrasion resistance
- Can be cut, milled and screwed (without pre-drilling with fitting screws)

Basis:	High-density polyethylene with reclaimed materials
Density: ISO 1183	~ 0.96 g/cm ³
Water absorption:	≤ 0.01 %
Tensile stress at yield: DIN EN ISO 527	~ 20 MPa
Elongation at break: ISO 527-2 / 1B / 50 mm/min	≥ 17 N/mm ²
Modulus of elasticity (tension): DIN EN ISO 527	~ 800 MPa
Ball indentation hardness: DIN EN ISO 2039-1	50 MPa
Notched impact strength (Charpy): DIN EN ISO 11542-2	~ 15 kJ/m ²
Shore hardness: DIN EN ISO 868	63 (scale D)
Coefficient of friction: DIN 53375	0.2

Wear: Sand slurry method	< 400
Melting temperature: DIN EN ISO 3146	130 – 140 °C
Thermal conductivity:	0.4 W/(m·K)
Coefficient of linear thermal expansion: DIN 53752	1.5 to 2 · 10 ⁻⁴ K ⁻¹
Operation temperature, long-term:	-60 °C to +80 °C

Product name	PU	Item no.
blaugelb Filling Piece 26x30x50 mm (Gealan 6002)	20 pcs./box	0416200
blaugelb Filling Piece 28x29x50 mm (Gealan 8001)	20 pcs./box	0416205
blaugelb Filling Piece 25x41x50 mm (Gealan 6016)	20 pcs./box	0416206
blaugelb Filling Piece 18x39x50 mm (Gealan 6049/6050)	20 pcs./box	0416207
blaugelb Filling Piece 30x43x50 mm (Gealan 6022) milled	20 pcs./box	0416208
blaugelb Filling Piece 30x43x50 mm (Gealan 8012)	20 pcs./box	0416209
blaugelb Filling Piece 25x43x50 mm (Gealan 8006)	20 pcs./box	0416210
blaugelb Filling Piece 28x35x50 mm (Gealan 8010)	20 pcs./box	0416211
blaugelb Filling Piece 35x47x50 mm (Gealan 8040)	20 pcs./box	0416212
blaugelb Filling Piece 31x61x50 mm (Gealan 8043)	20 pcs./box	0416213

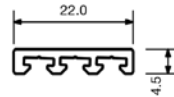
Additional profiles upon request

blaugelb

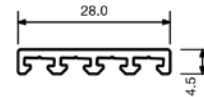
Brush Seal Profile

System components for blaugelb Threshold TBS.

The blaugelb Brush Seal Profile is suitable for using wood constructions and sleeve solutions in all frame materials and forms the perfect mounting basis for the blaugelb Brush Seal.



blaugelb Brush Seal Profile 3F
Item no. 0416855



blaugelb Brush Seal Profile 4F
Item no. 0416856



Product name	Length	PU	Item no.
blaugelb Brush Seal Profile 3F	6 m	60 m	0416855
blaugelb Brush Seal Profile 4F	6 m	60 m	0416856

blaugelb

Brush Seal

System components for blaugelb Threshold TBS.

Fits blaugelb Weatherboarding AD and MD for outstanding sealing quality and excellent comfort. Use of the blaugelb Brush Seal made from high-grade polypropylene in the weatherboarding seating groove prevents the penetration of draughts, dust, light, noise and water. The blaugelb Brush Seal is water-repellent because the grey brush bristles are silicone-treated and also fitted with a low-noise textile middle web for controlled water drainage.



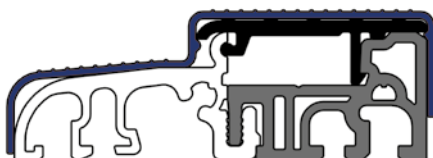
Product name	Colour	PU	Item no.
blaugelb Brush Seal silent fin 10 mm	Grey, similar to RAL 7045	100 m	0419779

blaugelb

Building Phase Protection Profile

System components for blaugelb Threshold TBS.

The blaugelb Building Phase Protection Profile is made from 1.5 mm plastic and protects the cover and threshold against dirt, scratches and loads throughout the entire building phase. The blaugelb Building Phase Protection Profile is available in different versions for all construction depths of the blaugelb Threshold TBS.



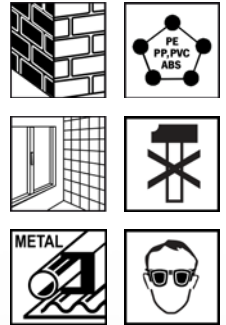
Product name	Length	PU	Item no.
blaugelb Building Phase Protection Profile TBS 70	1.18 m	20 pieces	0416863
blaugelb Building Phase Protection Profile TBS 75	1.18 m	15 pieces	0416864
blaugelb Building Phase Protection Profile TBS 80	1.18 m	30 pieces	0416865
blaugelb Building Phase Protection Profile TBS 90	1.18 m	30 pieces	0416866
blaugelb Building Phase Protection Profile TBS 100	1.18 m	10 pieces	0416867
blaugelb Building Phase Protection Profile TBS 120	1.18 m	10 pieces	0416868

blaugelb

UniPro Universal Drill

High-precision drilling for expert window installation and curtain wall mounting.

Proven performance especially with difficult substrates – the **blaugelb UniPro Universal Drill**.



The blaugelb UniPro Universal Drill has been specially developed for drilling into vertically perforated bricks with a low compressive strength. Its special hard metal blade makes drilling into vertically perforated bricks quick, easy and precise. The drilling action does not allow any uncontrolled cracks to form, preventing the hollow webs from bursting open. At the same time, however, it can also develop its full potential and is convincing right down the line when used with other substrates.

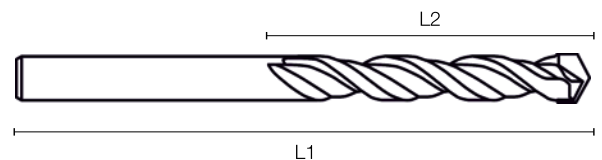
The 4-fold spiral enables drilling dust to be removed quickly and reliably.

Product benefits:

- Working length up to 300 mm
- 4-fold spiral for rapid removal of the drilling dust
- Specially sharpened hard metal plate
- Long service life
- Suitable for rapid drilling

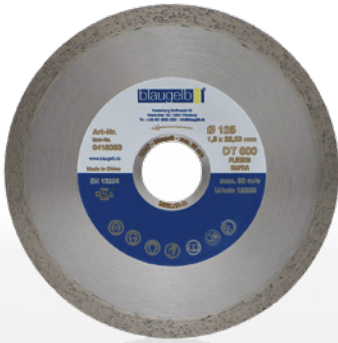
Material:	Tool steel
Surface:	Premium surface treatment
Accuracy class:	High precision
Drill bit:	Specially sharpened hard metal plate
Spiral:	4-fold spiral
Mounting:	Round shaft
Diameter:	5.0 mm
Packing unit:	1 piece in tube

Product name	Length L1	Length L2	PU	Item no.
blaugelb UniPro Universal Drill 5.0x250x180	250 mm	180 mm	25 x 1 piece	0432274
blaugelb UniPro Universal Drill 5.0x350x300	350 mm	300 mm	30 x 1 piece	0432275
blaugelb UniPro Universal Drill 5.0x400x300	400 mm	300 mm	30 x 1 piece	0432276



Diamond Cutting Blade DT 600 Tiles SUPRA

The professional diamond cutting blade for use with tiles and hard stoneware.



The blaugelb Diamond Cutting Blade DT 600 tile SUPRA is a professional cutting blade that allows extremely precise operation. The closed edge of the cutting blade ensures clean cut edges and very short cutting times. It is particularly suitable for use with hard stoneware and tiles (glazed and unglazed).

Product benefits:

- Professional diamond cutting blade for tiles and hard stoneware
- Precise operation and clean cut edges
- Short cutting times

Segmentation:	Closed edge
Grade:	Tiles Supra
Version:	Sintered
Machine type:	Angle grinder
Max. operating speed:	80 m/s
Packing unit:	1 piece

Article dimensions	Max. speed	Segmentation*	PU	Item no.
Ø 115 mm 22.23 mm hole	13,300 rpm	CR / CR / 1.6 / 7 mm	1 piece	0418059
Ø 125 mm 22.23 mm hole	12,200 rpm	CR / CR / 1.6 / 7 mm	1 piece	0418060

* Number / length / width / height of the cutting teeth

Diamond Cutting Blade DT 600 Universal SUPRA

The diamond cutting blade with short toothing for extra-clean cut edges.



The blaugelb Diamond Cutting Blade DT 600 Universal SUPRA is a cutting blade for universal applications that boasts a long tool life in addition to high cutting aggressiveness. This is achieved by the use of high-grade raw materials and diamonds. That makes the blaugelb Diamond Cutting Blade DT 600 Universal SUPRA perfectly suitable for use as a wall chaser.

Product benefits:

- High cutting aggressiveness with clean cut edges
- Long tool life thanks to the use of high-grade raw materials

Segmentation:	Short tooth
Grade:	Universal Supra
Version:	Laser welded
Machine type:	Wall chaser
Max. operating speed:	80 m/s
Packing unit:	1 piece

Article dimensions	Permitted speed	Segmentation*	PU	Item no.
Ø 115 mm 22.23 mm hole	13,300 rpm	13 / 20 / 2.4 / 9 mm	1 piece	0418056
Ø 125 mm 22.23 mm hole	12,200 rpm	15 / 20 / 2.4 / 9 mm	1 piece	0418057
Ø 230 mm 22.23 mm hole	6,600 rpm	30 / 20 / 2.6 / 9 mm	1 piece	0418058

* Number / length / width / height of the cutting teeth

blaugelb

Cutting-Off Wheel A 24 Extra

The all-rounder among cutting-off wheels.



The blaugelb Cutting-Off Wheel A 24 Extra is the absolute all-rounder among cutting-off wheels. It can be used universally in metal working and is also suitable for the rapid cutting of solid material.

Product benefits:

- All-round wheel for universal use with metal
- Suitable for cutting solid material

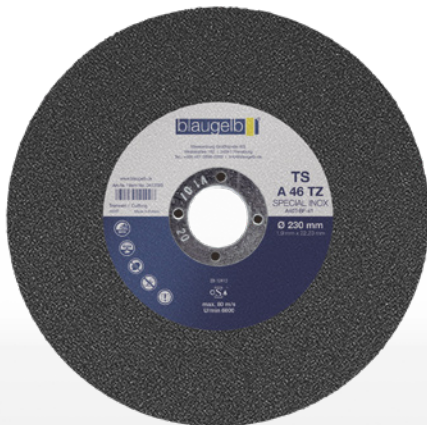
Grain type:	Corundum (aluminium oxide)
Grade:	Extra
Bonding:	Synthetic resin, fibre reinforced
Max. operating speed:	80 m/s
Packing unit:	25 pieces

Article dimensions	Permitted speed	Form	PU	Item no.
Ø 115 mm x 2.5 mm width 22.23 mm hole	13,300 rpm		25 pieces	0412102
Ø 125 mm x 2.5 mm width 22.23 mm hole	12,200 rpm		25 pieces	0412101
Ø 180 mm x 3 mm width 22.23 mm hole	8,500 rpm		25 pieces	0412103
Ø 230 mm x 3 mm width 22.23 mm hole	6,600 rpm		25 pieces	0412100

blaugelb

Cutting-Off Wheel A 46 TZ Special INOX

The heavy-duty wheel for cutting stainless steel materials with short cross-sections.



The blaugelb Cutting-Off Wheel A 46 TZ Special INOX was designed for heavy-duty use and has an attractively long tool life. The low burr formation makes it an indispensable companion when it comes to cutting smaller cross-sections in stainless steel (metal sheets, pipes and profiles). With a thickness of 1.9 mm, the blaugelb Cutting-Off Wheel A 46 TZ Special INOX combines excellent cutting performance with high lateral stability. It offers a convincing marriage of short cutting times, good stability and less burr formation, making it suitable for angle grinders of all power classes.

Product benefits:

- High degree of hardness
- Low burr formation
- Heavy-duty wheel for very long tool lives

Grain type:	Corundum (aluminium oxide)
Grade:	Special
Bonding:	Synthetic resin, fibre reinforced
Max. operating speed:	80 m/s
Packing unit:	25 pieces

Article dimensions	Permitted speed	Form	PU	Item no.
Ø 230 mm x 1.9 mm width 22.23 mm hole	6,600 rpm		25 pieces	0412099

Cutting-Off Wheel A 660 R SUPRA INOX

The heavy-duty cutting-off wheel that generates little heat.



Thanks to its low thickness, the blaugelb Cutting-Off Wheel A 660 R SUPRA INOX is ideal for the rapid cutting of workpieces without burr formation.

Product benefits:

- Heavy-duty wheel with no thermal load
- Rapid cutting without burr formation
- Suitable for cutting metal sheets, pipes and profiles
- Contains no chlorine, iron or sulphur

Grain type:	Corundum (aluminium oxide)
Grade:	Supra
Bonding:	Synthetic resin, fibre reinforced
Max. operating speed:	80 m/s
Packing unit:	25 units or box of 10

Article dimensions	Permitted speed	Form	PU	Item no.
Ø 115 mm x 1 mm width 22.23 mm hole	13,300 rpm		25 pieces	0412098
Ø 125 mm x 1 mm width 22.23 mm hole	12,200 rpm		25 pieces	0412097
Ø 115 mm x 1 mm width 22.23 mm hole	13,300 rpm		Box of 10	0412106
Ø 125 mm x 1 mm width 22.23 mm hole	12,200 rpm		Box of 10	0412107

Grinding Disc A 24 Extra

The all-rounder among grinding discs.



The blaugelb Grinding Disc A 24 Extra is the absolute all-rounder among grinding discs. It can be used universally in metal working and delivers top results on all standard angle grinders. blaugelb Grinding Discs A 24 Extra cover all major applications from machining surfaces through chamfering edges to removing burrs and are suitable for angle grinders of all power classes.

Product benefits:

- All-round wheel for universal use with metal
- Top grinding results
- Outstanding price/performance ratio
- Consistently high aggressiveness
- Maximum abrasion performance

Grain type:	Corundum (aluminium oxide)
Grade:	Extra
Bonding:	Synthetic resin, fibre reinforced
Max. operating speed:	80 m/s
Packing unit:	10 pieces

Article dimensions	Permitted speed	Form	PU	Item no.
Ø 115 mm x 6 mm width 22.23 mm hole	13,300 rpm		10 pieces	0412104
Ø 125 mm x 6 mm width 22.23 mm hole	12,200 rpm		10 pieces	0412105

blaugelb

Abrasive Mop Disc SMT 324 EXTRA

The mop disc offers a persuasive combination of universal grinding properties.

The blaugelb Abrasive Mop Disc SMT 324 EXTRA is a versatile abrasive mop disc for universal grinding tasks. It offers a persuasive combination of high-grade zirconia aluminium fabric with the best abrasion performances even under low contact pressure. There is no danger of glazing. The blaugelb Abrasive Mop Disc SMT 324 EXTRA is perfectly tailored to processing the edges and surfaces of steel and stainless steel. It is also indispensable for abrading weld seams.

Product benefits:

- Versatile abrasive mop disc for universal grinding tasks
- High-grade zirconia aluminium fabric guarantees the best abrasion performance
- No glazing even under low contact pressure
- Excellent grinding results on a variety of steel materials



Grain type:	Zirconia aluminium
Grade:	Extra
Material disc:	Glass fibre
Shape:	Curved 12°
Max. operating speed:	80 m/s
Packing unit:	10 pieces

Article dimensions	Permitted speed	Form	PU	Item no.
Ø 115 mm, grain 40 22.23 mm hole	13,300 rpm		10 pieces	0412110
Ø 115 mm, grain 60 22.23 mm hole	13,300 rpm		10 pieces	0412113
Ø 115 mm, grain 80 22.23 mm hole	13,300 rpm		10 pieces	0412112
Ø 125 mm, grain 40 22.23 mm hole	12,200 rpm		10 pieces	0412108
Ø 125 mm, grain 60 22.23 mm hole	12,200 rpm		10 pieces	0412109
Ø 125 mm, grain 80 22.23 mm hole	12,200 rpm		10 pieces	0412111

Jigsaw Blades Wood – fast cut

The perfect blade for construction – robust and reliable.



The **blaugelb Jigsaw Blades Wood – fast cut** are the perfect choice for softer wood in the construction sector. But the saw blades produce a reliable, straight and very fast cut in thick timber or fibreboard as well.

Thanks to a sophisticated tooth geometry that prevents jamming, the use of HCS material (elastic and pliable) and the robust design of the blade, the blaugelb Jigsaw Blades Wood – fast cut boast high durability and a long tool life.

With an innovative plunge tip, the saw blade is also ideal for plunge cuts, depending on the blade length.*

- High durability thanks to set toothing
- Extra-fast cut
- Ideal for plunge cuts*

Product name	Length	PU	Item no.
blaugelb Jigsaw Blade Wood – fast cut T144 D	100 mm	5 pieces	9022632
blaugelb Jigsaw Blade Wood – fast cut T344 D	152 mm	5 pieces	9022631

* Plunge cutting not possible with 152 mm blade length

Jigsaw Blades Wood – clean cut

The perfect blade for construction – precise and reliable.



The **blaugelb Jigsaw Blades Wood – clean cut** are the perfect choice for softer wood in the construction sector. The saw blades produce a reliable, straight and very clean cut in soft wood and fibreboard.

Thanks to a sophisticated tooth geometry that prevents jamming, the use of HCS material (elastic and pliable) and the robust design of the blade, the blaugelb Jigsaw Blades Wood – clean cut boast high durability and a long tool life.

- High durability thanks to set toothing
- Extra-clean cut
- Ideal for plunge cuts

Product name	Length	PU	Item no.
blaugelb Jigsaw Blade Wood – clean cut T101 B	100 mm	5 pieces	9022633

blaugelb

Sabre Saw Blades, metal series

The perfect blade for metal and sheeting – robust and reliable.

The **blaugelb Sabre Saw Blades, metal series** have been designed specifically for sawing through metal and sheeting. The blade thickness of 0.9 mm makes them highly robust and the ideal tool for flush sawing.

Thanks to their sophisticated tooth geometry, the use of bi-metal materials and the robust design of the blade, the blaugelb Sabre Saw Blades, metal series boast high durability and a long tool life.

- High durability with little shank breakage
- Optimised blade form for flush sawing
- High flexibility in use
- Long tool life



Product name	Length	PU	Item no.
blaugelb Sabre Saw Blade, metal series S922 EF	150 mm	5 pieces	9022629
blaugelb Sabre Saw Blade, metal series S922 BF	150 mm	5 pieces	9022630
blaugelb Sabre Saw Blade, metal series S1122 EF	225 mm	5 pieces	9022665
blaugelb Sabre Saw Blade, metal series S1122 BF	225 mm	5 pieces	9022664

blaugelb

Sabre Saw Blades, wood and metal series

The perfect blade for renovations – robust and reliable.

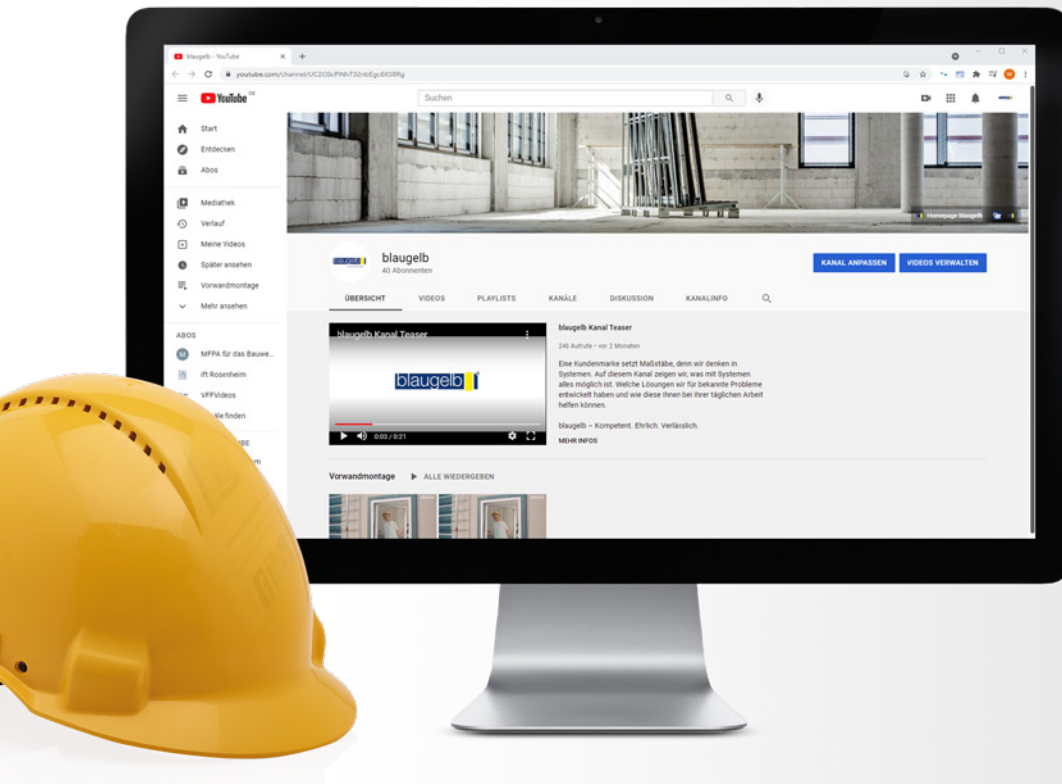
The **blaugelb Sabre Saw Blades, wood and metal series** have been designed specifically for jobs in demolition, renovation and window construction. The blade thickness of 1.25 mm makes them highly robust and the ideal tool for these tasks, while the optimised blade form ensures better accessibility while working.

Thanks to their sophisticated tooth geometry, the use of bi-metal materials and the robust design of the blade, the blaugelb Sabre Saw Blades, wood and metal series boast high durability and a long tool life.

- High durability with virtually no shank breakage
- Optimised blade form for maximum accessibility
- Extra-thick blade for demolition jobs
- Long tool life
- Also particularly suitable for plunge cuts



Product name	Length	PU	Item no.
blaugelb Sabre Saw Blade, wood and metal series S611 DF	150 mm	5 pieces	9022628



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