



TECHNICAL SOLUTIONS FOR PRECAST CONCRETE AND GRP



CLEANING, PROTECTION AND AESTHETICS OF
CONCRETE PRECAST ELEMENTS, GRP AND EQUIPMENT





For more than 35 years, leader in the care of materials

Guard Industry develops innovative and eco-friendly products designed to clean, protect and embellish building materials.

Everyday, our company assists industrial players and building manufacturers to meet their specific needs.

A specific range of products for concrete precast companies

To meet the specific needs of concrete, UHPC and GRC Guard Industry has developed a range of products that perfectly fit the specific characteristics of these materials and allowing to clean, protect and decorate it.

Our cleaning products are designed to bring soiled concrete back to its original level of cleanliness. They are essential for good surface preparation. They help finishing products penetrate and ensure homogeneous result.

Once the surface has been cleaned, the clear or coloured protection product can be applied. It will maintain concrete elements 'new' appearance much longer.



« What is the common point between St. Peter's Basilica in Rome, Notre-Dame de Paris cathedral, the Petit Palais, Moscow university, Tian An Men square, Westminster streets, Qatar National Museum, the Marseillaise tower, Paris Orthodox Church, Puné temple, Hanoi airport and soon your building?

Look no further, Guard Industry's products have been used on all these projects. Contact us whether you want to know more about our solutions. Trust us and let us take care of your buildings.

Guard Industry is the aesthetic solution for construction materials, the finishing touch that makes the difference! ».

Barnabé Wayser, Guard Industry's CEO

We develop state-of-the-art products

- LRVision - Engineering company specialized in concrete aesthetics
- Eurofins - Market leader in testing and laboratory services
- CEBTP - Research Experimental Centre for Buildings and Public Works
- CREPIM - Laboratory for development and approval of materials covered by fire regulations
- LNE - French National Laboratory of Measurement and Metrology
- LMDC - Materials and Durability of Construction Laboratory
 - SIMCO Technologies inc - Expert in materials
 - Kiwa - Testing, Inspection and Certification services
- Hutcher & Associates - Specialist in environmental toxicology
- Lucideon - Materials and products consultancy, testing and technology
 - DVI Labo - Analysis laboratory
- SGS - Inspection, verification, testing and certification company
 - Thomas Bell-Wright - Engineering consultant - testing, inspection and certification

For more than 35 years, Guard Industry has been committed to developing state-of-the-art products. We use technologically advanced molecules: fluor, siloxane, silane, acrylic, elastomer and titanium dioxide. These high performance molecules give the best oil and water repellent properties and a high resistance to abrasion.

With 12 active patents, Guard Industry continues to innovate and surprise the construction industry.

The performance of our products has been approved by international testing centres

Tests carried out:

Hydrophobic test - Oil resistance test - Water absorption test - Test of resistance to abrasion and UV - Test of resistance to penetration of inks and graffiti - Toxicity test - Test of resistance to alkali, Flammability test, VOC emissions test - Food contact - Biodegradability test, - Biobased carbon...

All our test reports are available upon request.

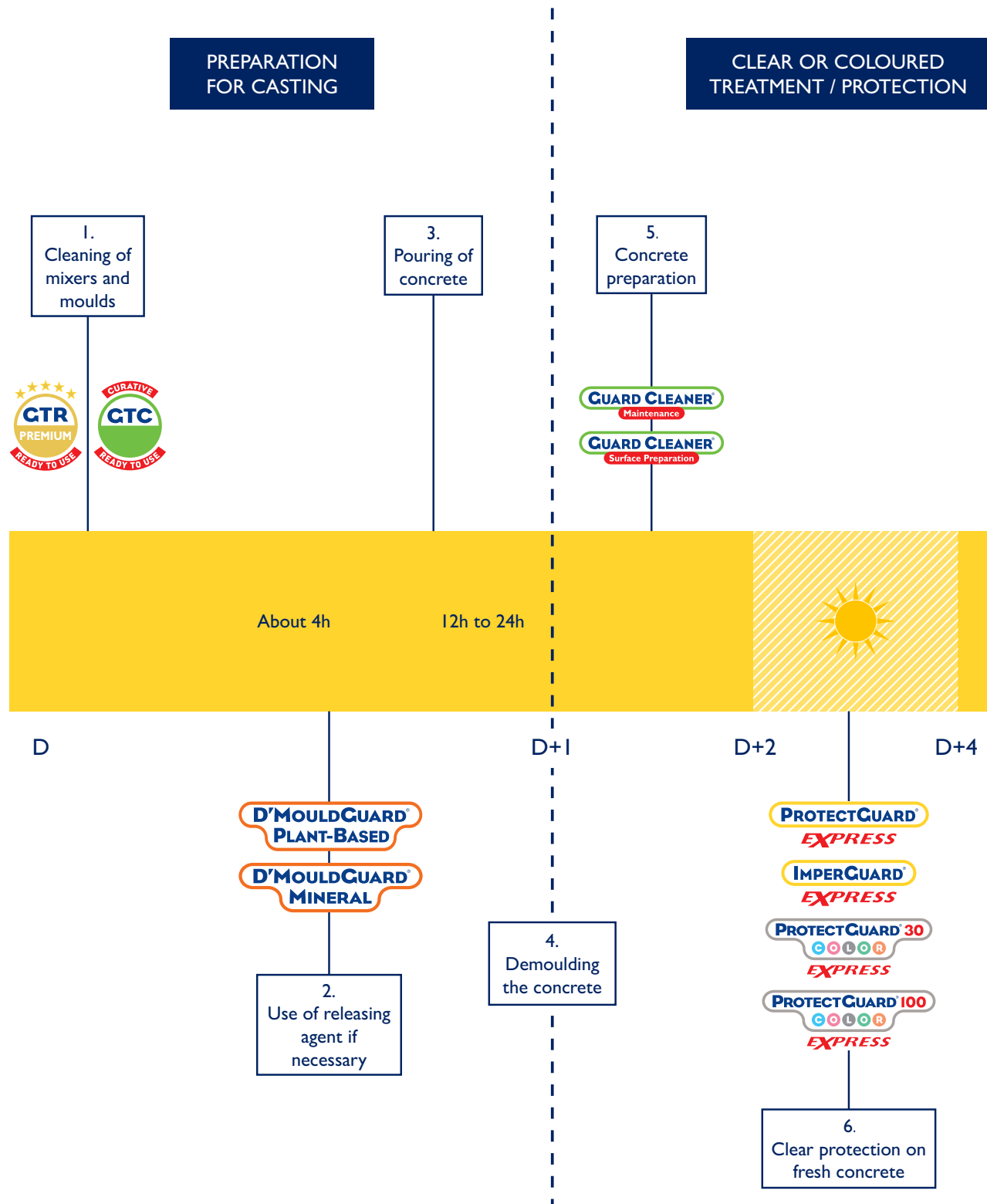
Eco-design to limit the environmental impact

At Guard Industry, we are committed to integrating environmental protection into the design of our products in order to reduce their environmental impact as much as possible.

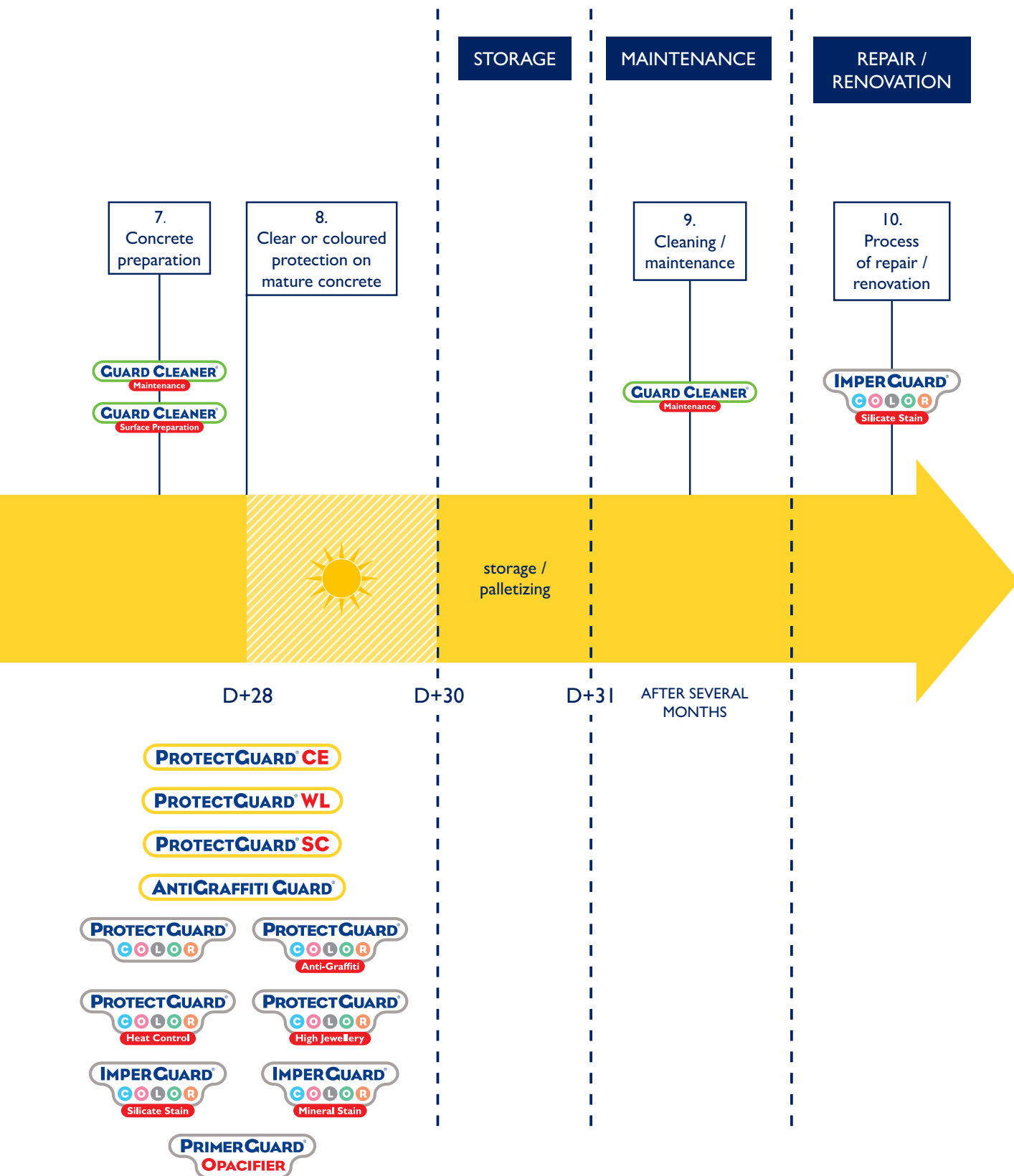
The majority of the products we formulate are:

- Water-based
- Over 90% biodegradable (according to OECD standards)
- With a low level of VOC (Volatile Organic Compounds)
- Free of petroleum solvents
- Non-toxic / non-hazardous

We support you throughout concrete's lifecycle of production



Protected drying



PRODUCTS FOR EQUIPMENT

Guard Industry has developed Guard Tech®, a specific range of cleaning and protection products dedicated to tools maintenance. This innovative range comprises products designed to eliminate concrete residues, rust, cement film and efflorescences.



SUMMARY

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GUARDTECH REMOVER®

Concrete cleaner and degreaser for RMC plant equipment.

Guard Tech Remover® Premium (GTR® Premium) is a new generation concrete remover.

GTR® Premium is highly effective at removing concrete and cement residues and storage and demoulding oils.

GTR® Premium is safer than mineral acids.

GTR® Premium is much less aggressive than other products on the market based on citric, hydrochloric and phosphoric acids. It is therefore safer to use. GTR® Premium does not contain any CMR substance (carcinogenic, mutagenic or toxic to reproduction).

GTR® does not damage materials.

Tests carried out on building materials have proved that GTR® Premium's active substance is less corrosive than other substances available on the market such as hydrochloric acid. GTR® Premium can be applied to all substrates with no major impact (metals, glass, rubber, paints, etc.) and does not damage spray guns.

Ideal for the maintenance of RMC equipment :

- metal formwork,
- wooden mouldboxes,
- concrete skips,
- props,
- RMC plants,
- concrete mixer trucks, etc.

GTR® Premium can be applied to all substrates with no major impact (metals, glass, rubber, paints, etc.).

100% BIODEGRADABLE



ADVANTAGES

- HIGH EFFICIENCY
- DOES NOT DAMAGE EQUIPMENT
- PROTECTS USER'S SAFETY
- CMR-FREE



GUARDTECH CLEANER®

Rust stripper for RMC plant equipment.

Guard Tech Cleaner® (GTC®) is a new generation rust stripper designed for cleaning formwork and all materials used in building and civil engineering.

GTC® instantly eliminates rust on formworks and building equipments. GTC® has been designed to meet the various requirements of applicators safety of use, effectiveness, low environmental impact and respect for the treated surfaces.

Unlike conventional acid products, it is not classified as a corrosive, meaning it poses much less of a hazard during use.

GTC® is an eco-friendly product formulated with organic molecules. It is biodegradable up to 70% and with low VOC content.

ADVANTAGES

- POWERFUL CLEANER
- QUICK EFFICIENCY
- DOES NOT DAMAGE EQUIPMENT
- NON-CORROSIVE: SAFE TO USE

Ideal for the maintenance of RMC equipment :

- metal formwork,
- wooden mouldboxes,
- concrete skips,
- props,
- RMC plants,
- concrete mixer trucks, etc.

GTC® can be applied to all substrates with no major impact (glass, rubber, paints, etc.).

70%
BIODEGRADABLE





GUARDTECH NEUTRALIZER®

Vegetable protective and cleaning oil for concrete mixers.

Guard Tech Neutralizer® (GTN®) is a curative and preventive product designed to protect mixers and clean concrete residues.

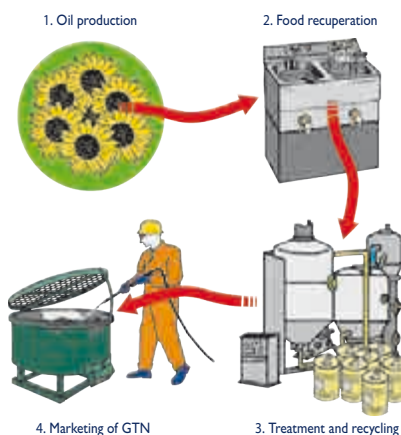
1. Curative action :

Used on a daily basis, GTN® softens concrete residues that accumulate over the course of a working day. Applied at the end of a working day, it reduces concrete residues during the night.

2. Preventive action :

Thanks to its protection properties, GTN® prevents concrete from contaminating equipment and makes maintenance easier. It therefore helps to increase the lifespan of equipment. GTN® can be applied to any equipment without alteration (metal, rubber, paint...) and without risk for users.

100% VEGETABLE ORIGIN



GTN® is formulated with **100% organic-based raw material** of which 91% coming from second generation recycled oil.

GTN® does not contain petrochemical-based products, heavy metals and is not corrosive. It is therefore less hazardous than other products on the market. **It is 90% biodegradable and with low VOC content.**

IDEAL FOR THE MAINTENANCE OF :

concrete mixers,
concrete moulds...and all
building equipment

**90%
BIODEGRADABLE**



**PLANT-BASED
PRODUCT**



ADVANTAGES

- DISSOLVES CONCRETE AND MORTAR RESIDUES
- PREVENTS CONCRETE FROM STICKING
- DOES NOT DAMAGE EQUIPMENT
- NON-CORROSIVE / NON-IRRITATING



GUARDTECH NEUTRALIZER®

Mineral protective and cleaning oil for concrete mixers.

Guard Tech Neutralizer® Mineral (GTN®) is a curative and preventive product designed to protect mixers and clean concrete residues.

GTN® Mineral softens concrete residues that accumulate over the course of a working day on concrete moulds and concrete mixers. GTN® Mineral prevents concrete from contaminating equipment and makes maintenance easier. It therefore helps to increase the lifespan of equipment.

ADVANTAGES

- PREVENTS CONCRETE FROM STICKING
- NON EMULSIFIABLE
- DOES NOT DAMAGE EQUIPMENT

Ideal for the maintenance of :

- concrete mixers,
- concrete moulds,
- all building equipment



D'MOULD GUARD® PLANT-BASED

Bio-based delayed concrete release agent.

D'Mould Guard® Plant-Based is a solvent-free form release agent formulated from 100% plant-based raw materials for concrete and mortar.

D'Mould Guard® Plant-Based is designed for delayed demoulding of all types of white or coloured concrete (architectural, fibre-reinforced, high-performance, etc.). It facilitates demoulding and allows for the subsequent application of coatings or paints (the applicator is responsible for ensuring that the substrate is suitable).

D'Mould Guard® Plant-Based is an environmentally friendly product formulated from renewable vegetable raw materials without petroleum solvents and with a low VOC content. It is completely safe for users and the environment.

ADVANTAGES

- EASY REMOVAL FROM MOULDS WITH HIGH QUALITY SURFACE FINISH
- ODOURLESS
- NON-CORROSIVE / NON-HARMFUL / NON-FLAMMABLE
- ENVIRONMENTALLY FRIENDLY AND SAFE FOR USERS

For use exclusively on site and on steel, wood, plastic formwork (consult us for other supports)

80%
BIODEGRADABLE



PLANT-BASED
PRODUCT



100%
ingredients of
plant origin.

ECOLABEL



FR/027/016



D'MOULDGUARD[®] MINERAL

Mineral delayed concrete release agent.

D'MouldGuard[®] Mineral is a mineral-based release agent without petroleum solvents for concrete and mortar.

D'MouldGuard[®] Mineral is intended for delayed mold release of all types of white or colored concrete (architectural, fiber, High Performance, etc.).

D'MouldGuard[®] Mineral removes any adhesion of concrete or laitance on the formwork and does not leave an oily mark on the concrete.

D'MouldGuard[®] Mineral facilitates form stripping and allows the subsequent application of plasters or paints (acceptance of the substrate is the responsibility of the applicator).

For use
exclusively on
site and on steel,
wood, plywood,
plastic, polyester
formwork
(consult us for
other supports)

ADVANTAGES

- REMOVES ANY ADHESION OF CONCRETE OR LAITANCE ON THE FORMWORK
- DOES NOT LEAVE ANY OILY MARK ON THE CONCRETE
- ALLOWS THE SUBSEQUENT APPLICATION OF COATINGS OR PAINTS
- NON-NOCIVE / NON-IRRITATING

PRODUCTS FOR CONCRETE AND GRP

We support precast companies in developing tailor-made solutions that can be adapted to their production line to protect and embellish concrete, UHPC and GRP. We have developed three ranges of products designed to clean, protect, embellish and treat every kind of concretes and GRP.



SUMMARY

CLEANING PRODUCTS

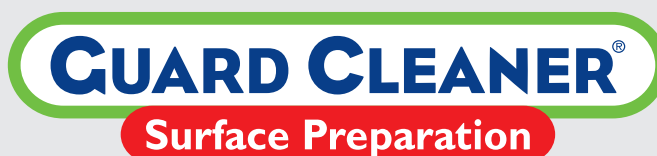
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Surface preparation / increasing of porosity of concrete precast elements.

Guard Cleaner® Surface Preparation is a new generation stripper used to prepare concrete precast elements before the application of a finishing product.

Guard Cleaner® Surface Preparation is a cleaner which rapidly removes mortar or concrete laitance, limescale deposits and traces of efflorescence.

Guard Cleaner® Surface Preparation increases the concrete's porosity and helps finishing products to penetrate.

Guard Cleaner® Surface Preparation is a biosourced product derived from biomass. It has been formulated on the basis of ingredients of plant origin (rapeseed, sunflower, canola, soya).

ADVANTAGES

- POWERFUL CLEANER
- INCREASES POROSITY
- HELPS PRODUCTS TO PENETRATE
- QUICK EFFICIENCY
- NON-CORROSIVE / NON-IRRITATING

Use:

- increase concrete's porosity
- allow finishing products to penetrate

Ideal for cleaning :

- cement residues,
- efflorescence on floors and walls,
- limescale deposits, etc.

NOTE:

In case of metallic fibers, do not use Guard Cleaner® Surface Preparation to clean the concrete but Guard Cleaner® Maintenance.

90%
BIODÉGRADABLE



PLANT-BASED
PRODUCT



100%
ingredients of
plant origin.



GUARD CLEANER®

Maintenance

Degreasing and daily maintenance of concrete precast elements.

Guard Cleaner® Maintenance is a highly concentrated cleaner for maintenance of concrete protected with a protection product.

Guard Cleaner® Maintenance is designed for the cleaning and daily maintenance of concretes protected with a product from the ProtectGuard® or ProtectGuard® Color ranges. It eliminates stains, grease, pollution marks without altering the protection product. Guard Cleaner® Maintenance helps keeping the brand new appearance of the concrete.

Guard Cleaner® Maintenance can also be used to eliminate grease and form oils and with Guard Cleaner® Surface Preparation to achieve a perfect concrete preparation before application of a protection product.

Guard Cleaner® Maintenance is a biosourced product derived from biomass. It has been formulated on the basis of ingredients of plant origin (rapeseed, sunflower, canola, soya).

ADVANTAGES

- POWERFUL CLEANER
- QUICK ACTION
- ELIMINATES STAINS AND GREASE
- DOES NOT ALTER THE PROTECTION PRODUCT
- NON-CORROSIVE / NON-IRRITATING

Use:

- Cleaning and daily maintenance of concretes protected with a protection product
- Can be used with Guard Cleaner® Surface Preparation to achieve a perfect concrete preparation before application of a protection product.
- Use for cleaning concretes with metallic fibers.

85%
BIODÉGRADABLE



PLANT-BASED
PRODUCT



61%
ingredients of
plant origin.



PROTECTGUARD® *EXPRESS*

**Water & oil-repellent and anti-efflorescence.
Special fresh concrete from 24 hours after pouring.**

ProtectGuard® Express is a water & oil-repellent and anti-efflorescence product for young / alkaline concrete.

ProtectGuard® Express protects fresh concrete against water, oil, stains, soiling, efflorescence and graffiti. Surfaces treated with ProtectGuard® Express deteriorate less rapidly and make maintenance easier.

Due to its special composition, ProtectGuard® Express can be applied to hardened concrete 24 hours after it is laid.

ProtectGuard® Express highly reduces the appearance of mould at a substrate's surface and protects during transportation and storage.

ProtectGuard® Express is a non-film forming impregnation product, the material remains permeable to air and water vapour. It is also fully resistant to UV rays and does not yellow over time.

ProtectGuard® Express is a water-based and solvent-free eco-friendly product.

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

- Facades
- Indoors
- Outdoors

**BEADING EFFECT
WATER + OIL**



**10 YEARS
GUARANTEE**



**80%
BIODEGRADABLE**



ADVANTAGES

- PROTECTS AGAINST WATER, OIL, STAINS AND EFFLORESCENCES
- LETS THE MATERIAL BREATHE
- UV AND FROST RESISTANT
- APPLICABLE 24H AFTER FORM WORK REMOVAL: CONCRETE READY TO DELIVER IN 48H !



IMPERGUARD® *EXPRESS*

**Water-repellent and anti-efflorescence.
Special fresh concrete from 24 hours after pouring.**

ImperGuard® Express is a water-repellent and anti-efflorescence product for young / alkaline concrete.

ImperGuard® Express protects fresh concrete against water, moisture and efflorescence. Surfaces treated with ImperGuard® Express deteriorate less rapidly and make maintenance easier.

Due to its special composition, ImperGuard® Express can be applied to hardened concrete 24 hours after it is laid.

ImperGuard® Express is a non-film forming impregnation product, the material remains permeable to air and water vapour. It is also fully resistant to UV rays and does not yellow over time.

ImperGuard® Express is a water-based and solvent-free eco-friendly product.

ADVANTAGES

- PROTECTS AGAINST WATER, MOISTURE AND EFFLORESCENCES
- LETS THE MATERIAL BREATHE
- UV AND FROST RESISTANT
- APPLICABLE 24H AFTER FORM WORK REMOVAL: CONCRETE READY TO DELIVER IN 48H !

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

- Facades
- Floors
- Indoors
- Outdoors

**BEADING EFFECT
WATER**



**5 YEARS
GUARANTEE**



**80%
BIODEGRADABLE**





PROTECTGUARD® CE

High performance water & oil-repellent. Meets standard EN 1504-2.

ProtectGuard® CE has established itself as the benchmark product for water-repellent, oil-repellent and anti-stain protection for concrete.

ProtectGuard® CE durably protects concrete against water, efflorescences, mould, atmospheric pollution, grease-type staining, chlorides, corrosion and carbonation.

ProtectGuard® CE is a very high penetrating product (penetration > 10 mm) for deep protection of concrete.

Treated concrete will benefit from an increased life-span and will be easier to maintain.

ProtectGuard® CE is an impregnation product allowing the substrate to remain permeable to air and water vapour. It resists to UV and abrasion.

ProtectGuard® CE is a CE marking product, that meets standard EN 1504 part 2.

ADVANTAGES

- PROTECTS AGAINST WATER AND CHLORIDES
- ANTI-STAINING AND ANTI-SOILING
- VERY HIGH PENETRATING POWER (> 10 MM)
- PREVENTS CORROSION OF REINFORCEMENTS
- HIGHLY ALKALI-RESISTANT
- LETS THE MATERIAL BREATHE
- UV AND FROST RESISTANT

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

- Floors
- Facades
- Indoors
- Outdoors

CE marking product.

54% ingredients
of plant origin.

BEADING EFFECT
WATER + OIL



10 YEARS
GUARANTEE



TESTED & CERTIFIED
AGAINST FIRE

as per ASTM E84 with
Class A result



Refer to www.tbwcert.com for
validity and full documentation

PLANT-BASED
PRODUCT





PROTECTGUARD® WL

Water & oil-repellent with a wet finish.

ProtectGuard® WL is a water and oil-repellent treatment for concrete.

ProtectGuard® WL protects concrete against water ingress, oil and all types of stains. It makes maintenance easier and prevents the main causes of ageing like grease marks, ingress, etc.

ProtectGuard® WL is an environmentally-friendly product, completely in an aqueous phase (non toxic, oil-based solvent-free).

ProtectGuard® WL is an impregnation product, the material remains permeable to air and water vapour. It is also fully abrasion and UV resistant and does not yellow over time.

Available in matt or glossy finish.

ADVANTAGES

- PROTECTS AGAINST WATER, OIL AND STAINS
- LETS THE MATERIAL BREATHE
- ABRASION RESISTANT
- UV AND FROST RESISTANT
- EXISTS IN FLAT OR GLOSSY FINISH

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

- Floors
- Facades
- Indoors
- Outdoors

BEADING EFFECT WATER + OIL



10 YEARS GUARANTEE



80% BIODEGRADABLE





ANTIGRAFFITI GUARD®

Permanent anti-graffiti protection.

AntiGraffiti Guard® is a very high performance two-part anti-graffiti product.

Formulated with new generation resins it is much more effective in terms of protection of all porous and low porous concrete against all kinds of graffiti or tags (paint, felt pens, etc.) and dirt.

AntiGraffiti Guard® protects treated surfaces permanently. It can be cleaned dozens of times (using Guard Remover® Graffiti 2010 cleaner). It does not need to be reapplied after graffiti removal.

AntiGraffiti Guard® also offers efficient protection against abrasion and scratches.

ADVANTAGES

- ANTI-GRAFFITI PROTECTION
- WATER REPELLENT & ANTI-STAINING
- GOOD ABRASION RESISTANCE
- UV AND FROST RESISTANT
- EXISTS IN SATINATE / GLOSSY

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

- Facades
- Indoors
- Outdoors

BEADING EFFECT
WATER + OIL



ANTI-GRAFFITI



5 YEARS
GUARANTEE



80%
BIODEGRADABLE





PRIMER GUARD®

Clear adhesion primer for application of two-component products.

Primer Guard® is a clear adherence primer.

Primer Guard® is designed to be used as a primer before application of any two-component products from the Guard Industry range: ProtectGuard Color® AntiGraffiti or AntiGraffiti Guard®.

Primer Guard® facilitates adherence due to its capacity to adhere strongly to the material. It therefore guarantees perfect adherence and performance of two-component products.

Primer Guard® is a non-film forming impregnation product, the material remains permeable to air and water vapour.

ADVANTAGES

- GUARANTEES PERFECT ADHERENCE OF TWO-COMPONENT PRODUCTS
- LETS THE MATERIAL BREATHE
- COLOURLESS

PRIMER GUARD® OPACIFIER

Primaire Guard® is also available in a **coloured version**. It can be used to homogenise the colour of concrete, correct colour defects or accentuate the final colour of the stain.

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

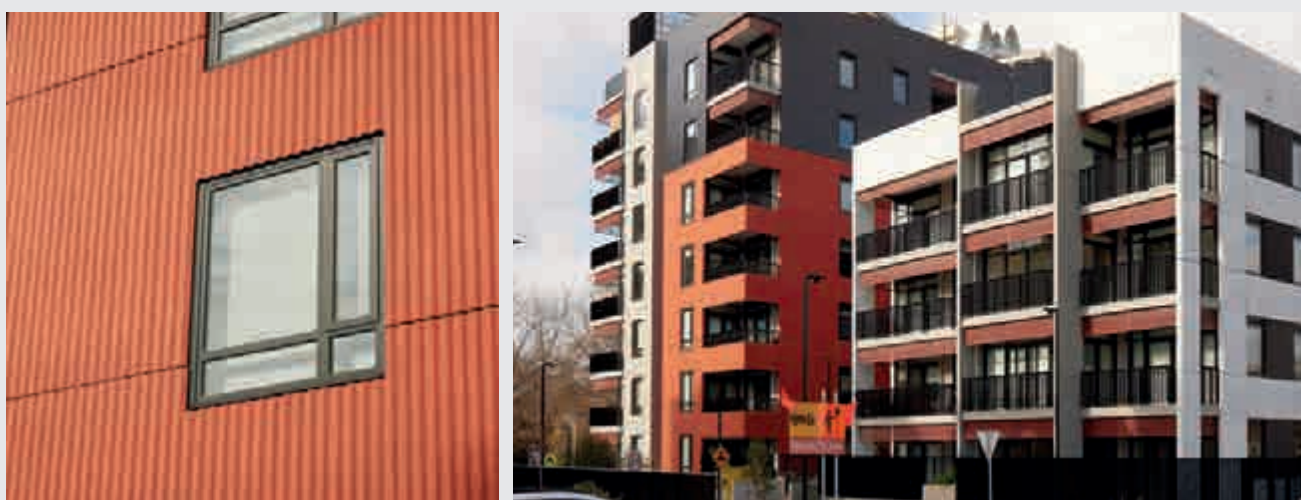
Application :

- Facades
- Indoors
- Outdoors

Application of Primer Guard® is essential to ensure the perfect final appearance and performance of the protection product.

80%
BIODEGRADABLE





PROTECTGUARD® 100
C O L O R
EXPRESS

**Opaque
finish**

Water & oil-repellent and anti-efflorescence coloured system. Spécial fresh concrete.

ProtectGuard® Color 100 Express is a two-step system composed of a primer and a colored stain designed to embellish and protect young / alkaline concrete.

1st step: Primer Guard® Express

Primer Guard® Express is a two-component epoxy resin that is used as a primer before applying the coloured stain ProtectGuard® Colour. Primer Guard® Express is used 6 hours after form work removal of the concrete.

2nd step: ProtectGuard® Color Plant-Based Formula

ProtectGuard® Color Plant-Based Formula is an opaque colored stain that protects concrete against water, stains and rising efflorescence. ProtectGuard® Color Plant-Based Formula also tints concrete while preserving its minerality.

ADVANTAGES

- PROTECTION AGAINST WATER, OIL, STAINS AND EFFLORESCENCE
- COLOURED IMPREGNATION STAIN
- HIGH UV RESISTANCE
- APPLICABLE 6H AFTER FORM WORK REMOVAL: CONCRETE READY TO DELIVER IN 36H !
- EXISTS IN FLAT / GLOSSY

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

- Facades
- Indoors
- Outdoors



Available in :

- 126 standard shades
- All RAL and NCS colours
- Colour matching possible

BEADING EFFECT WATER + OIL



10 YEARS GUARANTEE



COLOUR LASTING



PLANT-BASED PRODUCT



53%
ingredients of
plant origin.



PROTECTGUARD® 30
COLOR
EXPRESS

**Semi
opaque
finish**

Water & oil-repellent and anti-efflorescence coloured stain. Spécial fresh concrete.

ProtectGuard® Color 30 Express is a water & oil-repellent and anti-efflorescence product designed to embellish and protect young/alkaline concrete.

ProtectGuard® Color 30 Express protects fresh concrete against the main causes of deterioration: water and stain penetration and efflorescence rising. The cleanliness of the treated concrete is thus ensured.

ProtectGuard® Color 30 Express is a semi-opaque coloured stain that tints the concrete while preserving its minerality.

Thanks to its specific composition, ProtectGuard® Color 30 Express can be applied without prior cleaning on hardened concrete 24 hours after its implementation on site or in a prefabrication plant.

ADVANTAGES

- PROTECTION AGAINST WATER, OIL, STAINS AND EFFLORESCENCE
- COLOURED IMPREGNATION STAIN
- HIGH UV RESISTANCE
- APPLICABLE 24H AFTER FORM WORK REMOVAL: CONCRETE READY TO DELIVER IN 48H !
- EXISTS IN FLAT / GLOSSY
- SEMI-OPAQUE MATT FINISH

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

- Facades
- Indoors
- Outdoors



Available in :

- 126 standard shades
- All RAL and NCS colours
- Colour matching possible

**BEADING EFFECT
WATER + OIL**



**10 YEARS
GUARANTEE**



**COLOUR
LASTING**





PROTECTGUARD® COLOR

Water & oil-repellent and anti-efflorescence coloured stain.

ProtectGuard® Color is a two-in-one product designed to embellish and protect concrete.

ProtectGuard® Color is a semi transparent impregnation product, which colours whilst at the same time retaining the mineral look of the concrete.

ProtectGuard® Color allows to personalise both the colour and the finish of the colour.

ProtectGuard® Color protects concrete against water and limits deterioration resulting from humidity (efflorescence, moss, rust...), chlorides and carbonation.

ProtectGuard® Color also protects against greasy stains and pollution. The cleanliness of treated substrates is thus assured.

ADVANTAGES

- PROTECTION AGAINST WATER, OIL, STAINS AND EFFLORESCENCE
- COLOURED IMPREGNATION STAIN
- OPACITY FROM 5% TO 100%
- HIGH UV RESISTANCE
- EXISTS IN FLAT / GLOSSY



TESTED & CERTIFIED AGAINST FIRE
as per ASTM E84 with Class A result
Refer to www.tbwcert.com for validity and full documentation

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

- Facades
- Indoors
- Outdoors



Available in :

- 126 standard shades
- All RAL and NCS colours
- Colour matching possible

**BEADING EFFECT
WATER + OIL**



**10 YEARS
GUARANTEE**



**COLOUR
LASTING**

**25
YEARS**

**PLANT-BASED
PRODUCT**



**53%
ingredients of
plant origin.**



Water & oil-repellent and anti-efflorescence coloured stain with metallic or pearlescent effect.

ProtectGuard® Color High Jewellery is a two-in-one product designed to embellish and protect concrete.

ProtectGuard® Color High Jewellery is a semi transparent impregnation product, which colours whilst at the same time retaining the mineral look of the concrete.

ProtectGuard® Color High Jewellery comprises 32 original colours with several effects: metallic, pearlescent, iridescent or luminescent. ProtectGuard® Color High Jewellery allows artistic prowess: multiple finishes, changing reflections...

ProtectGuard® Color High Jewellery durably protects concrete against water and limits deterioration resulting from humidity (efflorescence, moss, rust...). ProtectGuard® Color High Jewellery also protects against greasy stains and pollution. The cleanliness of treated substrates is thus assured.

ADVANTAGES

- PROTECTION AGAINST WATER, OIL, STAINS AND EFFLORESCENCE
- COLOURED IMPREGNATION STAIN
- SPECIAL FINISHES: METALLIC, IRIDESCENT, PEARLESCENT, LUMINESCENT...
- HIGH UV RESISTANCE

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

- Facades
- Indoors
- Outdoors



Available in :

- 32 «high jewellery» shades

BEADING EFFECT WATER + OIL



10 YEARS GUARANTEE



COLOUR LASTING



PLANT-BASED PRODUCT



53%
ingredients of
plant origin.



Water & oil-repellent coloured stain. Reduces concrete's heat absorption.

Heat Control is a brand new technology formulated with cool black pigments, which reflect energy and reduce concrete's heat absorption.

In exposed areas, dark shades applied on coatings absorb energy. Concrete quickly warms up and becomes brittle.

Standard DTU59.1 forbids the use of colours with an absorption rate > 0.7 that is to say a Total Solar Reflectance (TSR) $< 35\%$.

To solve this issue, Guard Industry has developed colours with of a black «cool» pigment. The use of this pigment reduces the absorption rate and increases the Total Solar Reflectance (TSR).

As a result, dark colours heat less and last longer. They become conform with Technical spec of the construction industry (DTU 59.1).

ADVANTAGES

- PROTECTION AGAINST WATER, OIL, STAINS AND EFFLORESCENCE
- REDUCES CONCRETE'S HEAT ABSORPTION
- COLOURED IMPREGNATION STAIN
- OPACITY FROM 5% TO 100%
- HIGH UV RESISTANCE
- EXISTS IN FLAT / GLOSSY

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

- Facades
- Indoors
- Outdoors



25 shades compliant with French standard DTU 59.1

- TSR $> 35\%$
- Solar absorption rate $< 0,7$

BEADING EFFECT
WATER + OIL



10 YEARS
GUARANTEE



COLOUR
LASTING



PLANT-BASED
PRODUCT



53%
ingredients of
plant origin.



Water & oil-repellent coloured stain with permanent anti-graffiti properties.

ProtectGuard® Color AntiGraffiti is a two-in-one product designed to embellish and protect concrete.

ProtectGuard® Color AntiGraffiti is a semi transparent product, which colours whilst at the same time retaining the mineral look of the concrete.

ProtectGuard® Color AntiGraffiti allows to personalise both the colour and the finish of the colour.

ProtectGuard® Color AntiGraffiti protects concrete against water and limits deterioration resulting from humidity (efflorescence, moss, rust...). It also protects against greasy stains, pollution and offers **antigraffiti protection that resists dozens of cleanings.**

ADVANTAGES

- WATER REPELLENT & ANTI-STAINING
- ANTI-GRAFFITI PROTECTION
- COLOURED IMPREGNATION STAIN
- OPACITY FROM 5% TO 100%
- HIGH UV RESISTANCE
- EXISTS IN SATINATE / GLOSSY

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

- Facades
- Indoors
- Outdoors



Available in :

- 126 standard shades
- All RAL and NCS colours
- Colour matching possible

BEADING EFFECT WATER + OIL



ANTI-GRAFFITI



10 YEARS GUARANTEE



80% BIODEGRADABLE



COLOUR LASTING





Semi transparent finish

Water-repellent coloured silicate mineral stain.

ImperGuard® Color Silicate Stain is a silicate mineral impregnation with low opacity designed to embellish and protect concrete.

ImperGuard® Color Silicate Stain is a system of two products (coloured base + silicate thinner) designed to colour concrete with a low opacity finish.

ImperGuard® Color Silicate Stain associated with ImperGuard® Color Silicate Thinner can be diluted depending on the desired level of transparency.

ImperGuard® Color Silicate Stain is a non film-forming product which perfectly respects the mineral aspect of the concrete.

ImperGuard® Color Silicate Stain provides lasting protection against the penetration of water and thus limits the harmful effects of humidity. It also has anti-dust properties. It hardens the surface of concrete to make it less fragile and less dusty.

The system ImperGuard® Color Silicate Stain complies with the AFNOR NFT 36-005 standard: Family I class Ib.

Ideal for the protection of :

- All types of standard concretes
- GRC

Application :

- Facades
- Indoors
- Outdoors



Available in :

- 126 standard shades
- All RAL and NCS colours

BEADING EFFECT WATER



COLOUR LASTING

25 YEARS

80% BIODEGRADABLE



ADVANTAGES

- **WATER REPELLENT**
- **HARDENS THE SURFACE OF CONCRETE**
- **COLOURED IMPREGNATION STAIN**
- **10% TO 30% OPACITY**
- **HIGH UV RESISTANCE**



**Opaque
finish**

Water-repellent coloured solid mineral stain.

ImperGuard® Color Mineral Stain is a mineral impregnation stain designed to embellish and protect concrete.

ImperGuard® Color Mineral Stain is a single-component stain that does not require the application of a uniforming primer to obtain an opaque mineral impregnation to color exterior or interior concrete facades. This stain gives a new aesthetic dimension to the works. It tints, embellishes or evens out the appearance of concrete while preserving its skin and minerality.

ImperGuard® Color Mineral Stain is a non-film-forming product which perfectly respects the natural mineral aspect of concrete. In addition, the backing remains permeable to air and water vapor. ImperGuard® Color Mineral Stain has a water-repellent property. It provides lasting protection against the penetration of water and thus limits the harmful effects of humidity: infiltration, acid rain, erosion, freeze / thaw cycle, formation of mosses and lichens, appearance of efflorescence or saltpetre...

ADVANTAGES

- WATER REPELLENT
- COLOURED IMPREGNATION STAIN
- 100% OPACITY
- HIGH UV RESISTANCE

**Ideal for the
protection of :**

- All types of standard concretes
- GRC

Application :

- Facades
- Indoors
- Outdoors



Available in :

- 126 standard shades
- All RAL and NCS colours

**BEADING EFFECT
WATER**



**COLOUR
LASTING**

**25
YEARS**

**80%
BIODEGRADABLE**





Water & oil-repellent coloured stain with permanent anti-graffiti properties.

ProtectGuard® Color Special GRP is a new-generation product for the protection and decoration of GRP materials.

ProtectGuard® Color Special GRP is a two-component product, that colours whilst providing to GRP lasting protection against water, grease, stains.

ProtectGuard® Color Special GRP also offers permanent anti-graffiti protection that resists dozens of cleanings.

ADVANTAGES

- WATER REPELLENT & ANTI-STAINING
- ANTI-GRAFFITI PROTECTION
- 100% OPACITY COLOURED STAIN
- ABRASION AND SCRATCH RESISTANT
- HIGH UV RESISTANCE
- EXISTS IN FLAT / GLOSSY



TESTED & CERTIFIED AGAINST FIRE
as per ASTM E84 with Class A result
Refer to www.tbwcert.com for validity and full documentation

Ideal for the protection of :
• GRP

Application :
• Facades
• Indoors
• Outdoors



Available in :
• 126 standard shades
• All RAL and NCS colours
• Colour matching possible

BEADING EFFECT
WATER + OIL



ANTI-GRAFFITI



80%
BIODEGRADABLE



COLOUR
LASTING





CONCRETE FLOOR GUARD®

C O L O R

**Semi
opaque
finish**

Water & oil-repellent coloured silicate mineral stain for concrete floors.

Concrete Floor Guard® Color is a water & oil-repellent product designed to embellish and protect concrete floors that are more than 28 days old.

Concrete Floor Guard® Color protects concrete floors against the main causes of deterioration: water and stain penetration. The cleanliness of the treated concrete is thus ensured.

Concrete Floor Guard® Color is a high-performance penetrating semi-opaque coloured stain that tints the concrete while preserving its minerality.

Concrete Floor Guard® Color is locked in by a double action. It hardens by reacting with the lime of the levelling compound to form inorganic compounds distributed throughout the crystalline structure of the hardened mortar. Additionally, the acrylic base ensures an excellent pigment/mortar bond.

Concrete Floor Guard® Color enables the colour to be modified but does not correct defects of appearance of the substrate (roughness, unevenness, etc.).

ADVANTAGES

- PROTECTION AGAINST WATER, OIL AND STAINS
- COLOURED IMPREGNATION STAIN
- 50% OPACITY
- HIGH UV RESISTANCE

Ideal for the protection of :

- All types of concretes slabs or concrete screed more than 28 days old.

Application :

- Floors
- Indoors
- Outdoors



Available in :

- 126 standard shades
- All RAL and NCS colours

**BEADING EFFECT
WATER + OIL**



Choose the appropriate product according to your needs

PROTECTION	PROPERTIES					
	Water absorption	Oil-repellent / anti-stains	Anti-graffiti	Resistance to abrasion	Rising of efflorescences	Respect of the environment
PRODUCTS						
ProtectGuard® Express	★★★	★★★	★★	★	★★★★	★★★
ImperGuard® Express	★★★			★	★★★★	★★★
ProtectGuard® CE Plant-Based	★★★★★	★★★★★	★★★★	★★★★	★★★★★	LEED
ProtectGuard® WL	★★★	★★★★★	★★	★★★	★★★★	★★★
AntiGraffiti Guard®	★★★★★	★★★★★	★★★★★	★★	★★★★★	★★★

DECORATION	PROPERTIES						
	Water absorption	Oil-repellent / anti-stains	Anti-graffiti	Resistance to abrasion	Rising of efflorescences	Decrease of heat absorption	Aesthetics possibilities (opacity, high jewellery, custom-mades shades...)
PRODUCTS							
ProtectGuard® Color 100 Express	★★★★	★★★★	★	★★	★★★★	✗	★★
ProtectGuard® Color 30 Express	★★★★	★★★★	★★	★	★★★★	✗	★★
ProtectGuard® Color Plant-Based	★★★★	★★★★	★	★★	★★★★	✗	★★★★★
ProtectGuard® Color High Jewellery Plant-Based	★★★★	★★★★	★	★★	★★★★	✗	★★★★★
ProtectGuard® Color Heat Control Plant-Based	★★★★	★★★★	★	★★	★★★★	★★★★★	★★★★
ProtectGuard® Color AntiGraffiti	★★★★	★★★★	★★★★	★★★★	★★★★★	✗	★★★★★
ImperGuard® Color Silicate Stain	★★	✗	✗	★★	★★	✗	★★
ImperGuard® Color Mineral Stain	★★★★	✗	★	★★	★★★	✗	★★★
ProtectGuard® Color Special GRP	★★★★	★★★★	★★★★	★★★★	★★★★★	✗	★★★★★
Concrete Floor Guard® Color	★★★	★★	✗	★★	★★	✗	★★



- 1 Qatar National Museum (Doha, Qatar)
- 2 Luma foundation (Arles, France)

- 3 Manufacture de la Mode Chanel (Paris, France)
- 4 The Line (Amsterdam, Netherlands)



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