G&Y PORCELAIN PAVERS PRODUCT MANUAL







TECHNICAL FEATURES

INSTALLATION GUIDE

TILING METHODS

ABOUT G&Y TILES

PRODUCT DIVERSITY

 OUR MISSION TO NATURE DURABILITY AND **RELIABILITY** INSTALLATION **SYSTEMS**

SPECIAL PIECES

CORALSTONE SERIES Camel Grey Camel Brown Buff Brown

Original Beige

Mist Grey

LIMESTONE **SERIES** Primary Beige Taupe Bianco Autumn

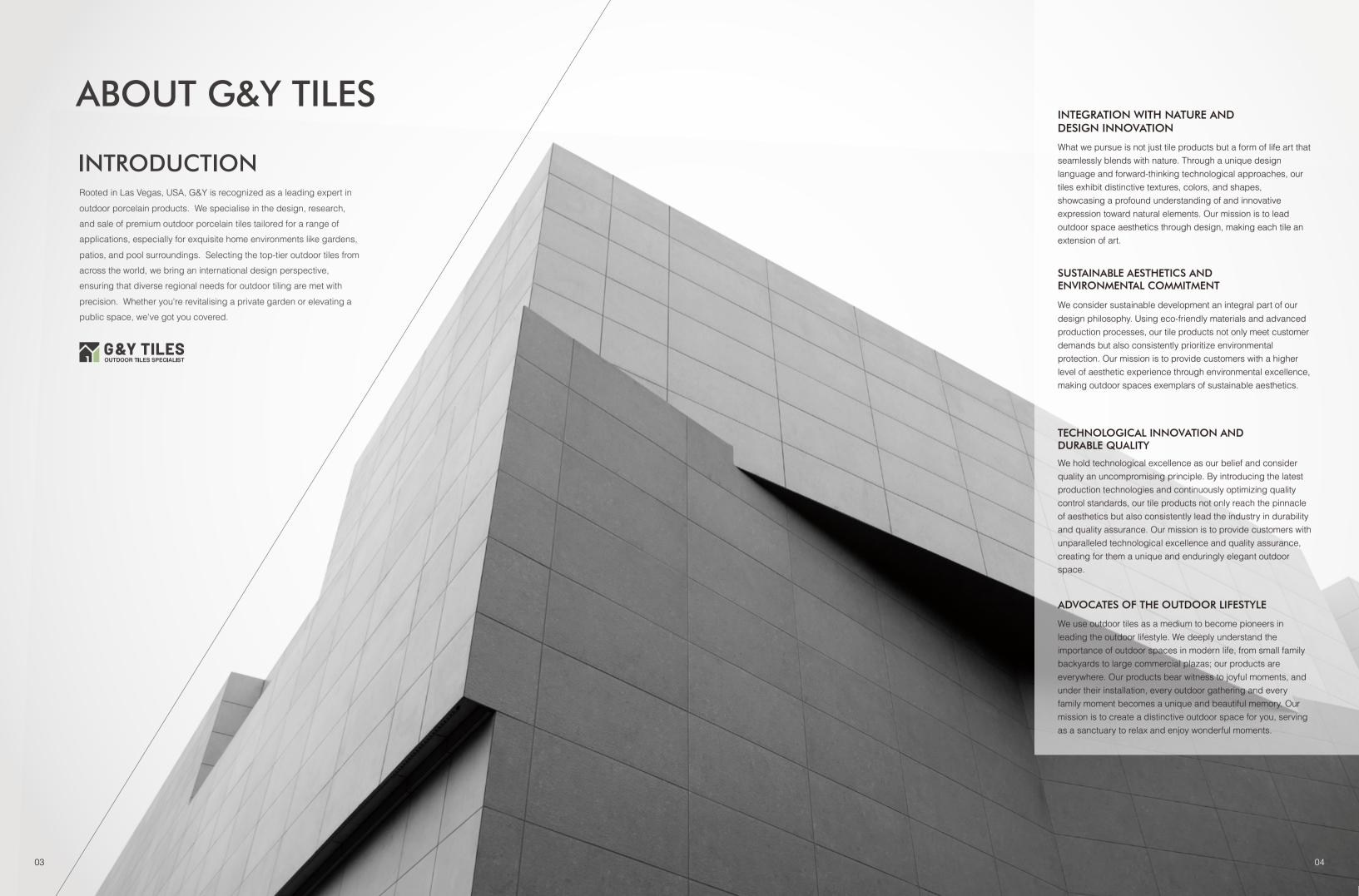
ETHERSTONE SERIES Pomice Grigio Camel Bianco Ash Anthracite

CEPPO DI GRÉ **SANDSTONE SERIES SERIES** Sand Cream Grigio Athracite (Charcoal Dune (Greige Charcoal Grey

MARBLE SERIES **SLATE SERIES** Spanish Beige StarRiver- Taupe Hermes Grey StarRiver- Pomice Silver Onyx StarRiver- Graphite Mural- Bianco Alps Black Mural- Grey Dessas Slate-Smoky Grey Dessas Slate- Amber

WOOD SERIES Birch

TRAVERTINE DESIGNER'S SERIES SELECTIONS Mineral Waves-of-Sand Misty Grey Cream Metal- Jet Black Sand Dolomite- Primary Beige Dolomite-Grigio





PRODUCT DIVERSITY

Meeting Varied Design Needs with Style



Gardens should not only be in shades of cement! In our collection of outdoor tiles, nature is a boundless well of inspiration. We firmly believe in the profound connection between humans and nature, capable of infusing life with enhanced beauty and tranquility. Each tile serves as a unique tribute to nature, seamlessly integrating the captivating beauty, textures, and colors found in the natural world.

Our diverse product range showcases over 200+ distinctive floral patterns, each one a testament to its individuality. Our design inspirations journey from the enigmatic hues of ancient Dunhuang murals in the East to the timeless architectural styles of Tuscany in Italy. Continuing through to the traditional blue and white tones reminiscent of Crete Island in the Mediterranean. Our designers ensure that each color vividly captures the essence of natural landscapes and cultural arts. our product designs seamlessly weave these diverse cultural elements, granting each piece a unique charm and narrative.

OUR MISSION TO NATURE

Our mission is to protect the earth

Throughout history, most outdoor paving relied heavily on natural stone, causing significant environmental impact through extensive extraction. In contrast, our products are made from sustainable, recyclable materials, reducing our ecological footprint. At the forefront, we seamlessly blend aesthetics with practicality in outdoor design, offering specialized tile solutions for those seeking an elevated lifestyle.

Through careful design research and selecting global tile manufacturers, we strive to create tiles embodying both innovation and artistic refinement. Our products blend modern design, sustainable aesthetics, and outdoor living seamlessly, catering to the needs of contemporary lifestyles



Emission Control



Energy Consumption Control

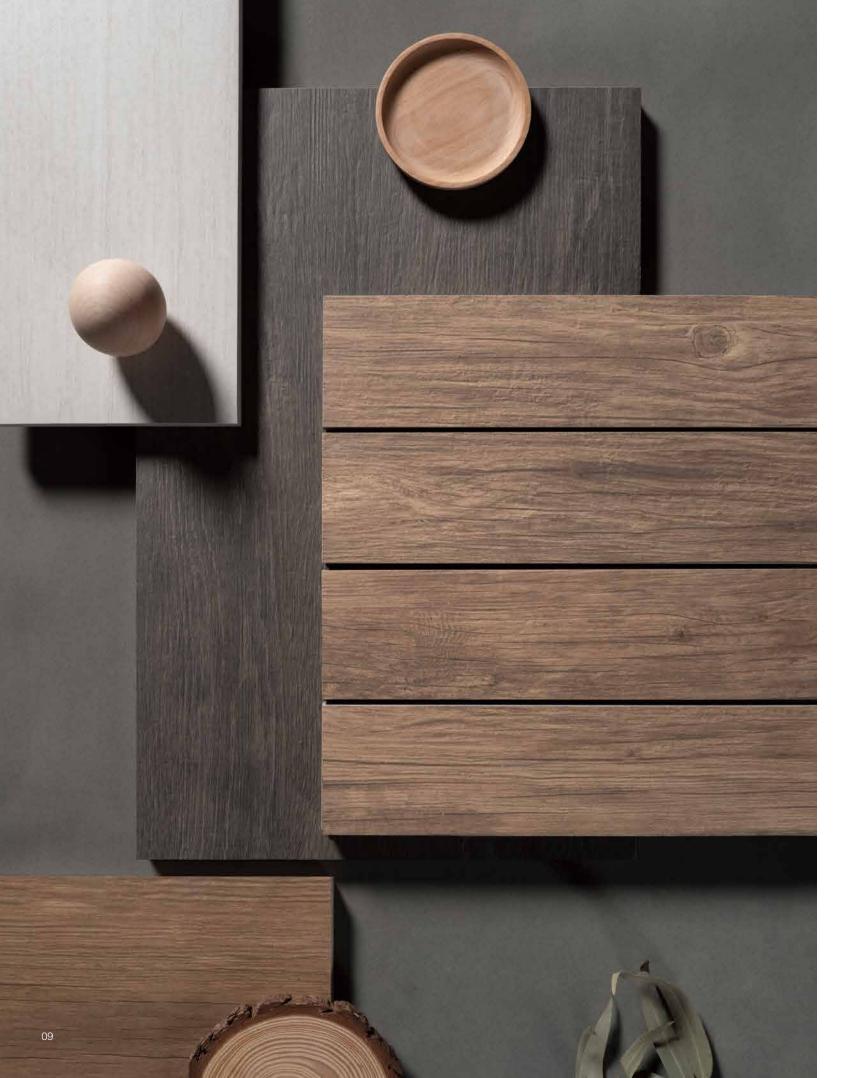


Water Circulation System



Recyclable Raw Materials





DURABILITY AND RELIABILITY

Our products are renowned for their exceptional durability and reliability, offering sustained aesthetics and assurance for your outdoor space.



Weather Durability:

Our tiles leverage advanced materials and production techniques to ensure they maintain outstanding performance even in extreme weather conditions. Whether subjected to intense sunlight, heavy rainfall, or freezing winters, our products withstand the elements, preserving their original beauty and quality.

Superior Anti-Slip:

Safety is always our top priority. The surfaces of our tiles undergo special anti-slip treatments, achieving a slip resistance up to R13. Whether in wet weather, early morning dew, or even snowy conditions, they provide a stable footing, minimizing the risk of slips and falls, product you and your families.

Stain-Resistant Care:

Confronting the various challenges of outdoor spaces, our tiles incorporate special stain-resistant technologies, making them easier to clean and ensuring long-term freshness and aesthetics.

Wear-resistant And Color Longevity Performance:

Whether in high-traffic walkways or frequently used outdoor lounging areas, our tiles undergo rigorous wear resistance testing, guaranteeing an outstanding appearance and texture even under heavy usage. The pigments and glazes we use ensure that the colors of our tiles remain vibrant and unfaded, unaffected by UV rays, rain, or other natural factors.

Compressive Strength Resistance

Our products boast exceptional hardness with a maximum thickness of 30mm, capable of supporting a weight of up to 50,000 pounds. Whether for residential parking yards or commercial plazas, our products can be widely applied, ensuring long-term use.







Radiation-free



Exceptional Hardness



Colorfast



Easy To Clean



Hypoallergenic







Outdoor Tiles Specialist Coralstone Series

(Variegated)

Drawing inspiration from the timeless Roman stones, our design captures the intricate colors and textures of natural beauties. unveiling variegated dimension. With five more exquisite colours, each displaying interplay of shades, we offer a myriad of creative spatial solutions.



Coralstone Series

Inspiration From The Fusion Of Nature And Worldwide Culture





















Size



Thickness



Product Parameters

















Packaging And Weights

Size(cm, -inch)	mm	Kg/m²	Lbs/sqft	kg/pallet	Lbs/pallet	Pcs/pallet	m²/pallet	Sqft/pallet
60x120, 24"x48"	20	46	9.4	1520	3351	46	33.1	356.5
60x90, 24"x36"	20	46	9.5	1500	3307	60	32.4	348.8
60x60, 24"x24"	20	46	9.4	1520	3351	92	33.1	356.5

 60x90, 24"x36"
 20
 46
 9.5
 1500
 3307
 60
 32.4
 348.8

 60x60, 24"x24"
 20
 46
 9.4
 1520
 3351
 92
 33.1
 356.5

Coralstone Series

Inspiration From The Fusion Of Nature And Worldwide Culture

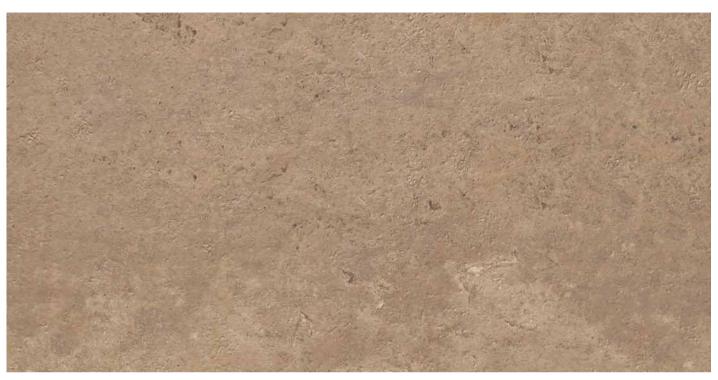








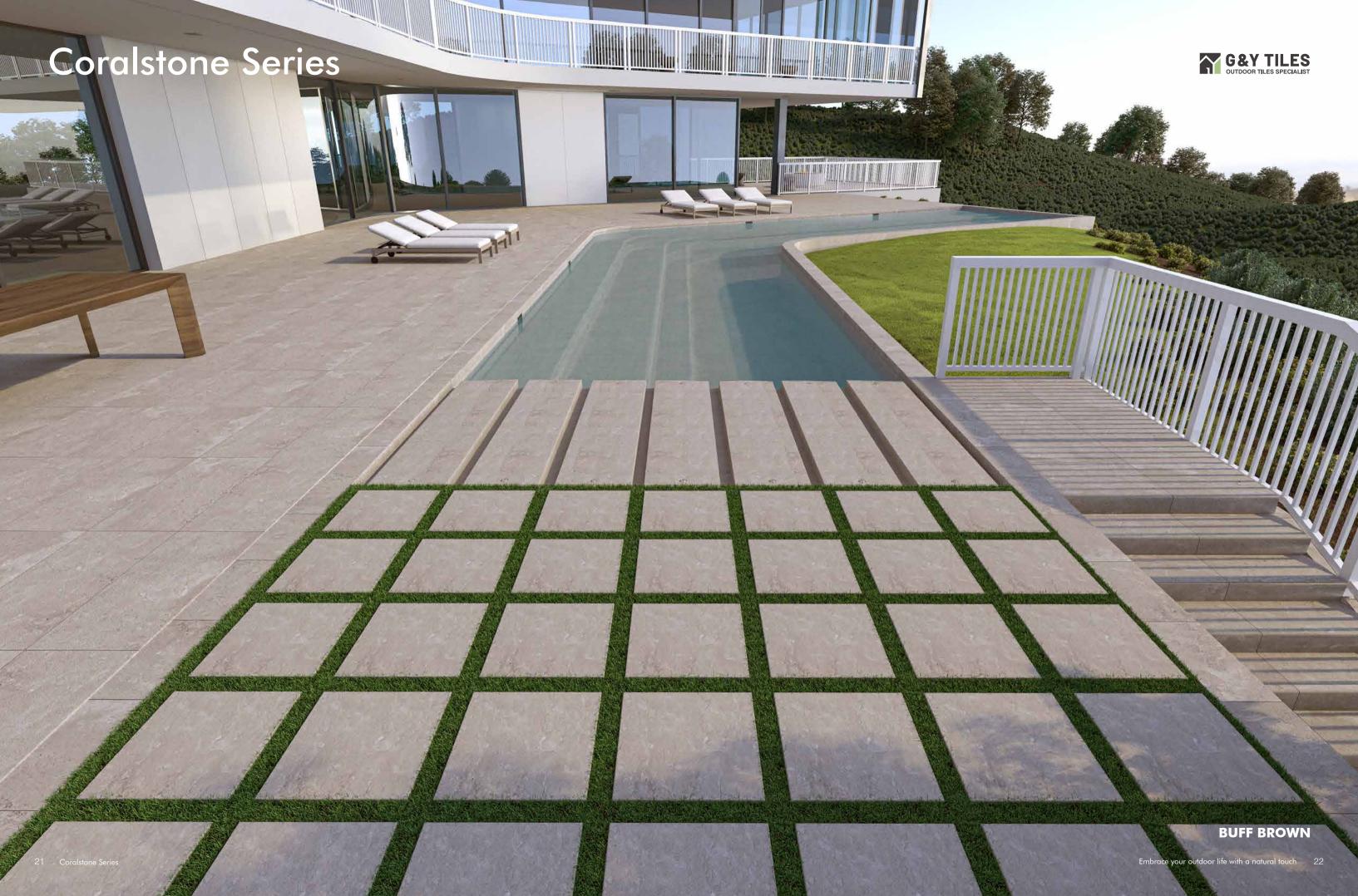




ORIGINAL BEIGE G12620Y03



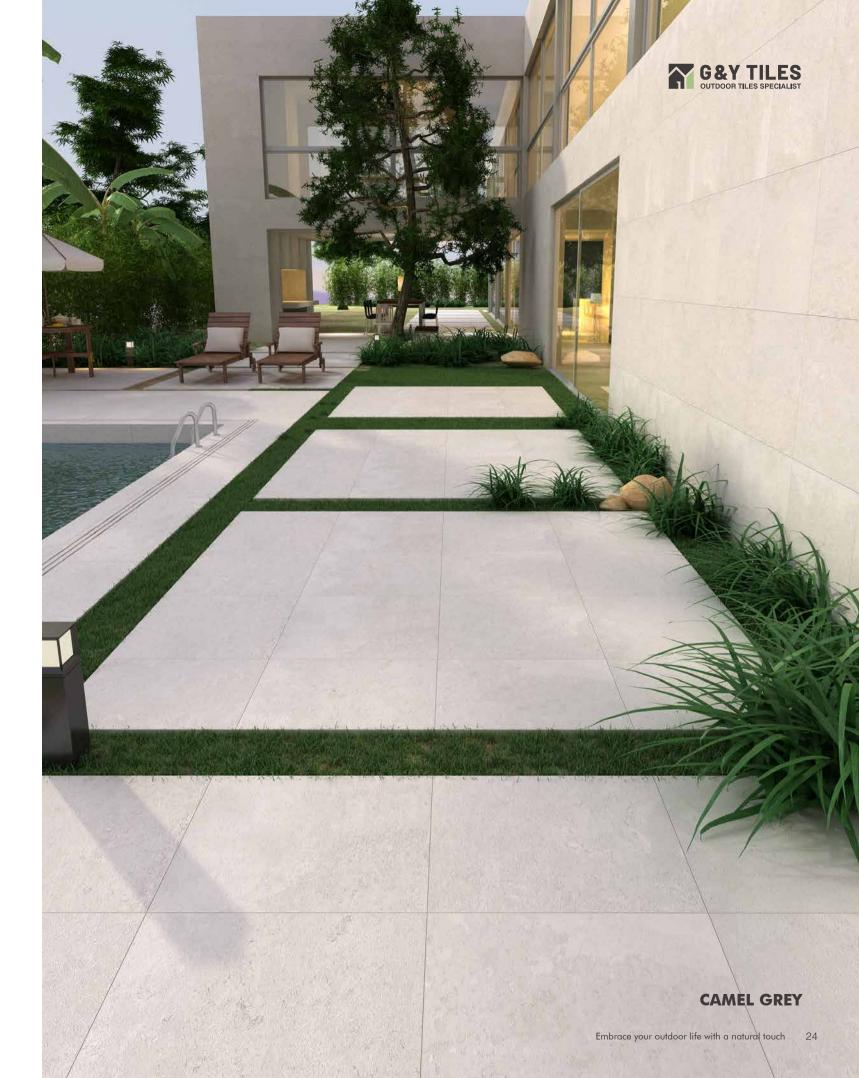
MIST GREY G12620Y06



Coralstone Series









Outdoor Tiles Specialist Limestone Series

Limestone, an ancient sedimentary stone formed on the seabed, invites you to uncover the secrets of the ancient underwater world within every tile. Through our high-definition technology, corals, shells, and fossils come to life with stunning clarity. Each tile is certified with an R12 anti-slip rating, ensuring the safety of your family



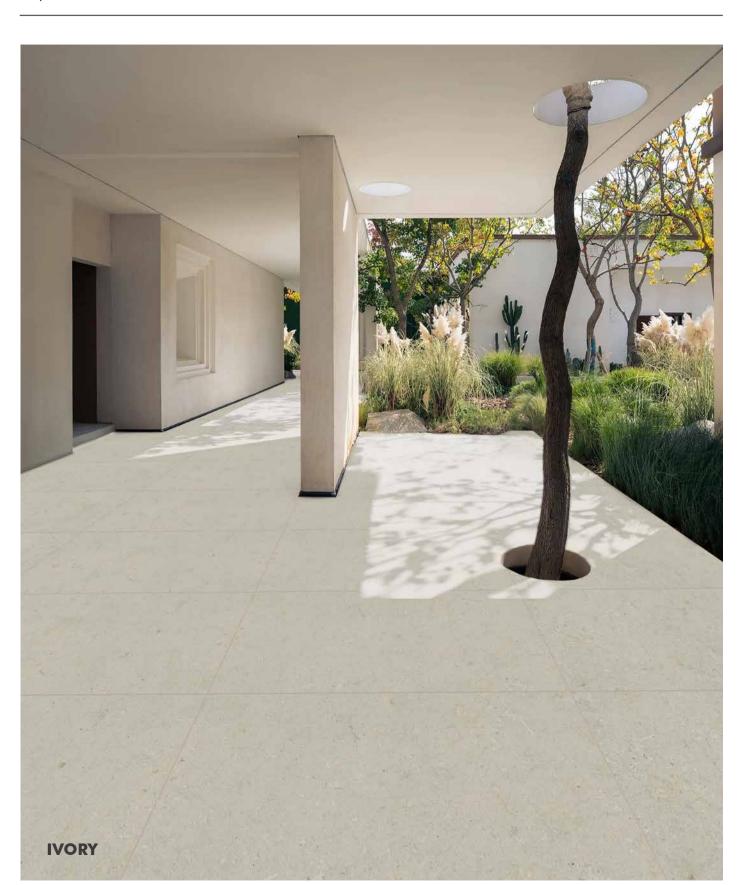
Inspiration From The Fusion Of Nature And Worldwide Culture











Colour









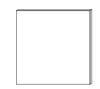




Size







√ 60x120, 24"x48"

√ 60x90, 24"x36"

√ 60x60, 24"x24"

Product Parameters

	m T		\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		V			
Primary Beige	20/30	Color Body	Mould Flamed	R12	V2	Wall Cladding Tile	Surface Customization	12
lvory	13/20/30	Color Body	Hone	R12	V2	Wall Cladding Tile	Surface Customization	12
Taupe	13/20	Color Body	Hone	R12	V2	Wall Cladding Tile	Surface Customization	12
Grey	13/20	Color Body	Hone	R12	V2	Wall Cladding Tile	Surface Customization	12
Bianco	20	Color Body	Hone	R12	V2	Wall Cladding Tile	Surface Customization	12
Greige	20	Color Body	Hone	R12	V2	Wall Cladding Tile	Surface Customization	12
Autumn	20	Color Body	Hone	R12	V2	Wall Cladding Tile	Surface Customization	12

Packaging And Weights

Size(cm, -inch)	mm	Kg/m²	Lbs/sqft	kg/pallet	Lbs/pallet	Pcs/pallet	m²/pallet	Sqft/pallet
60x120, 24"x48"	13	31	6.4	1520	3351	68	49	527.0
60x90, 24"x36"	13	31	6.3	1500	3307	90	48.6	523.1
60x60, 24"x24"	13	31	6.4	1520	3351	136	49	527.0
60x120, 24"x48"	20	46	9.4	1520	3351	46	33.1	356.5
60x90, 24"x36"	20	46	9.5	1500	3307	60	32.4	348.8
60x60, 24"x24"	20	46	9.4	1520	3351	92	33.1	356.5
60x120, 24"x48"	30	68	13.9	1518	3347	31	22.3	240.3
60x90, 24"x36"	30	68	13.9	1500	3307	41	22.1	238.3
60x60, 24"x24"	30	68	13.9	1518	3347	62	22.3	240.3

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Inspiration From The Fusion Of Nature And Worldwide Culture











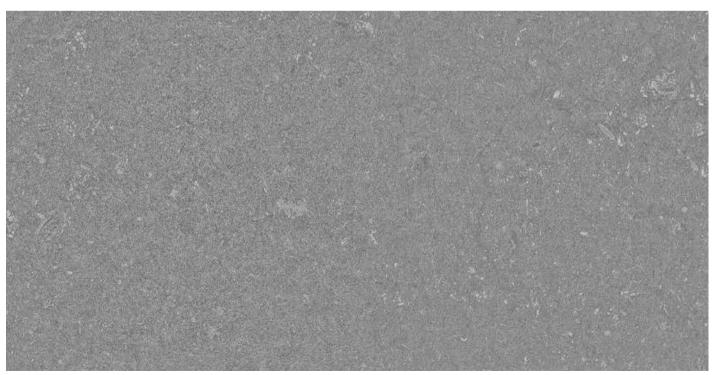




TAUPE G12620Y08







GREY G12620Y07

Inspiration From The Fusion Of Nature And Worldwide Culture











G6620Y12 **GREIGE BIANCO**



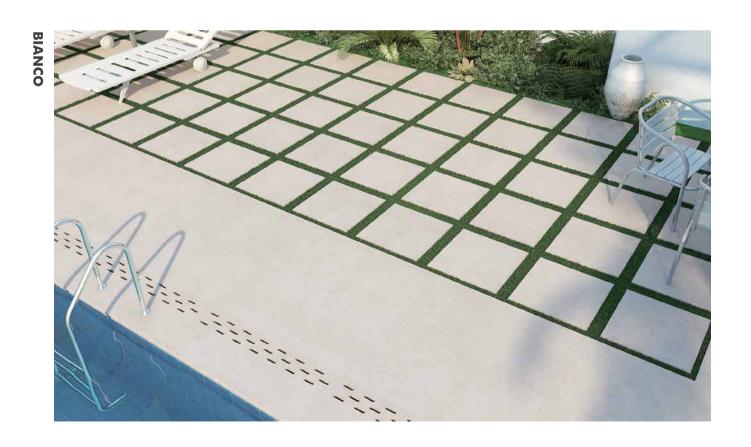


AUTUMN G6620Y14















Outdoor Tiles Specialist Etherstone Series

Spots and cracks intertwine, faithfully capturing the essence of concrete by seamlessly blending its delicate imprints with modern trendy colors.



Etherstone Series

Inspiration From The Fusion Of Nature And Worldwide Culture











Colour













Size







√ 60x120, 24"x48"

√ 60x90, 24"x36"

√ 60x60, 24"x24"

Thickness



Product Parameters

















Packaging And Weights

Size(cm, -inch)	mm	Kg/m²	Lbs/sqft	kg/pallet	Lbs/pallet	Pcs/pallet	m²/pallet	Sqft/pallet
60x120, 24"x48"	20	46	9.4	1520	3351	46	33.1	356.5
60x90, 24"x36"	20	46	9.5	1500	3307	60	32.4	348.8
60x60, 24"x24"	20	46	9.4	1520	3351	92	33.1	356.5

 60x90, 24"x36"
 20
 46
 9.5
 1500
 3307
 60
 32.4
 348.8

 60x60, 24"x24"
 20
 46
 9.4
 1520
 3351
 92
 33.1
 356.5

Etherstone Series

Inspiration From The Fusion Of Nature And Worldwide Culture











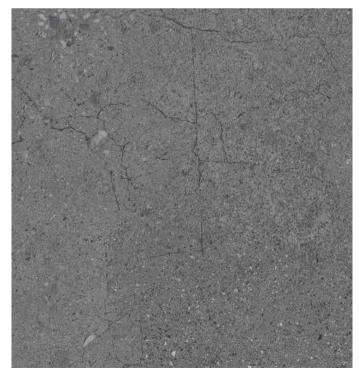


CAMEL



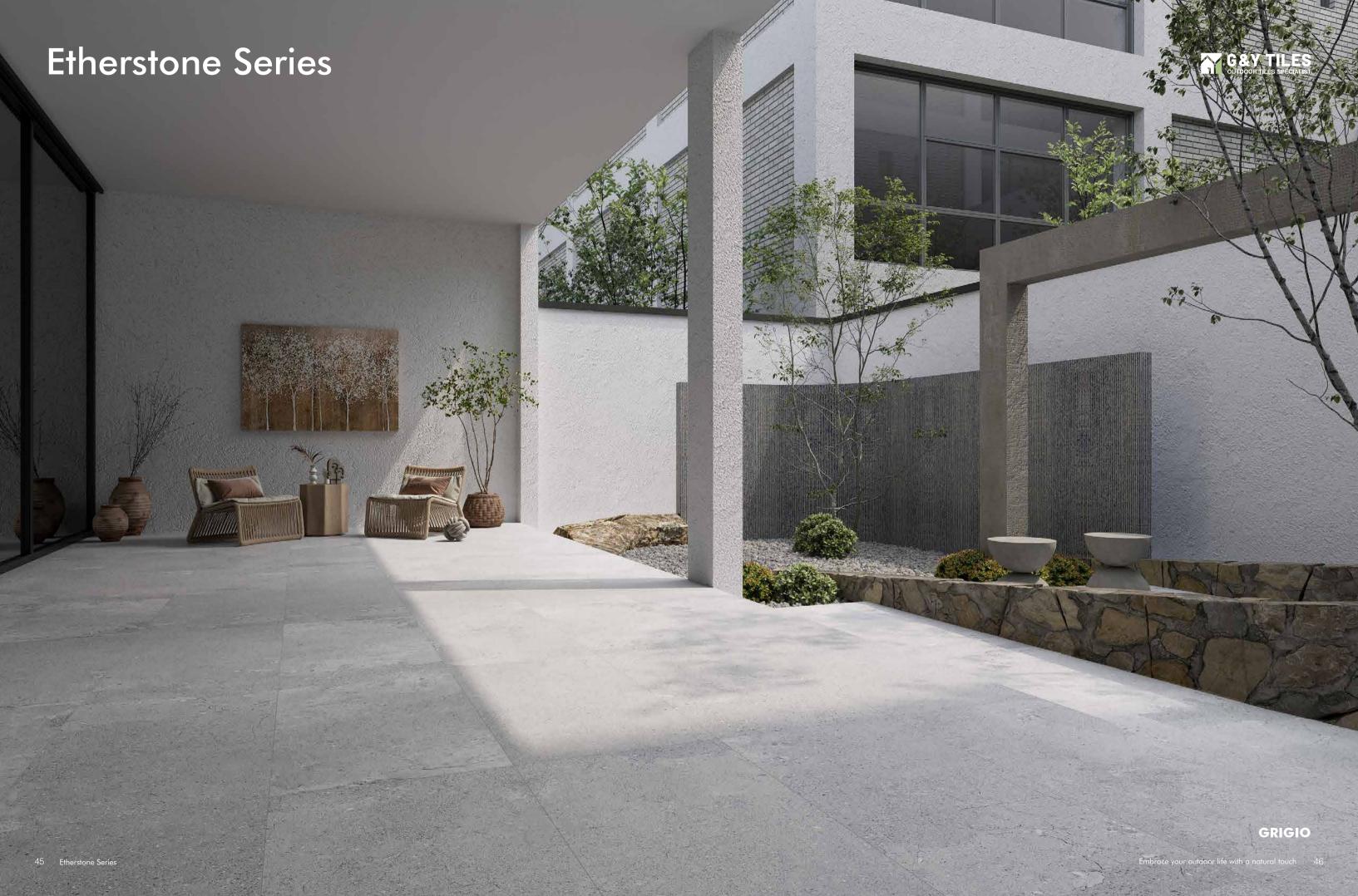






ASH G6620Y17 ANTHRACITE

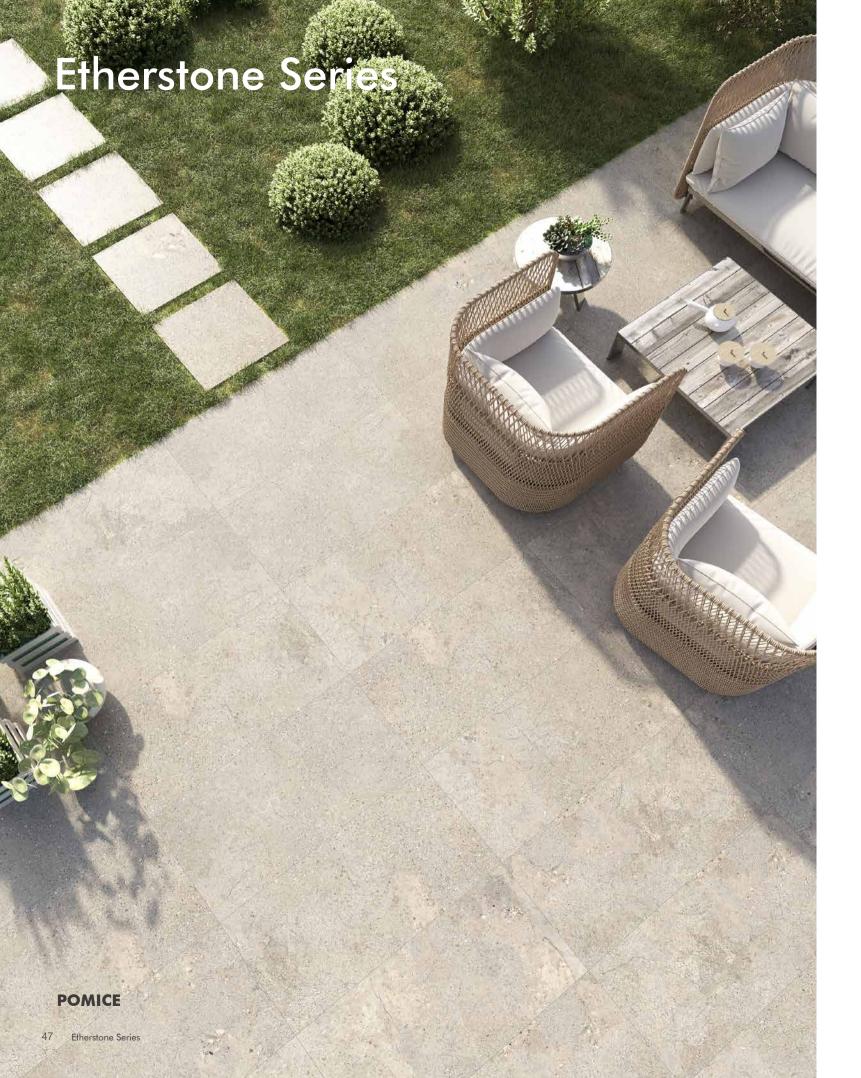
G6620006KF















Outdoor Tiles **Specialist**

Ceppo Di Gré Series

Ceppo Di Gré reinterprets the ancestral charm of stone with its pure and restrained colors. The product replicates its block-like texture and natural colors, enhanced through multiple polishing processes, reproducing the texture and aesthetic effects of Italian natural marble. It boasts a delicate touch, waterproofness, and durability.



Ceppo Di Gré Series

Inspiration From The Fusion Of Nature And Worldwide Culture









Colour









Size







√ 60x120, 24"x48"

√ 60x90, 24"x36"

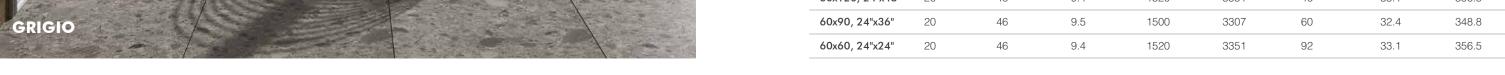
√ 60x60, 24"x24"

Product Parameters

	mm				-V			
Cream	20	Homogeneous Body	Mould Flamed	R12	V2	Wall Cladding Tile	Surface Customization	8
Grigio	20	Homogeneous Body	Mould Flamed	R12	V2	Wall Cladding Tile	Surface Customization	8
Athracite	20	Homogeneous Body	Mould Flamed	R12	V2	Wall Cladding Tile	Surface Customization	8
Greige	13/20	Homogeneous Body	Hone	R11	V2	Wall Cladding Tile	Surface Customization	8
Charcoal Grey	20	Homogeneous Body	Hone	R11	V2	Wall Cladding Tile	Surface Customization	8

Packaging And Weights

Size(cm, -inch)	mm	Kg/m²	Lbs/sqft	kg/pallet	Lbs/pallet	Pcs/pallet	m²/pallet	Sqft/pallet
60x120, 24"x48"	13	31	6.4	1520	3351	68	49	527.0
60x90, 24"x36"	13	31	6.3	1500	3307	90	48.6	523.1
60x60, 24"x24"	13	31	6.4	1520	3351	136	49	527.0
60x120, 24"x48"	20	46	9.4	1520	3351	46	33.1	356.5
60x90, 24"x36"	20	46	9.5	1500	3307	60	32.4	348.8
60x60, 24"x24"	20	46	9.4	1520	3351	92	33.1	356.5



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Ceppo Di Gré Series

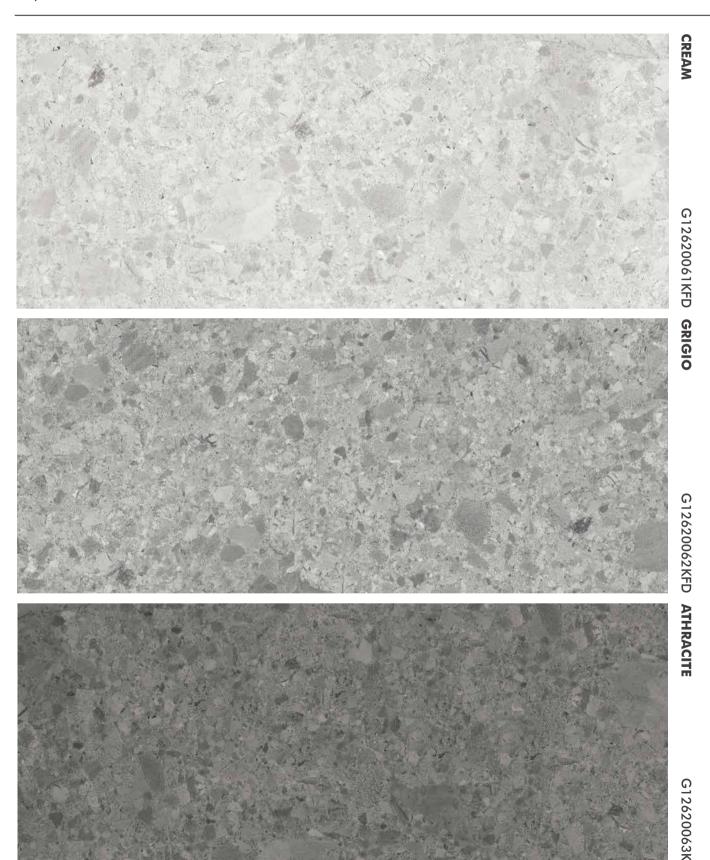
Inspiration From The Fusion Of Nature And Worldwide Culture

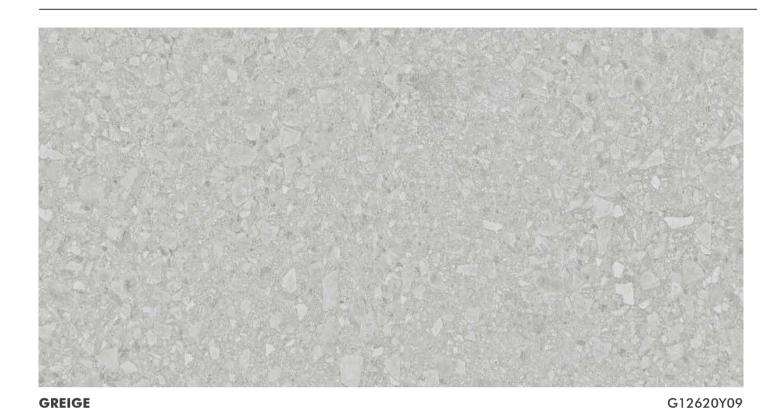


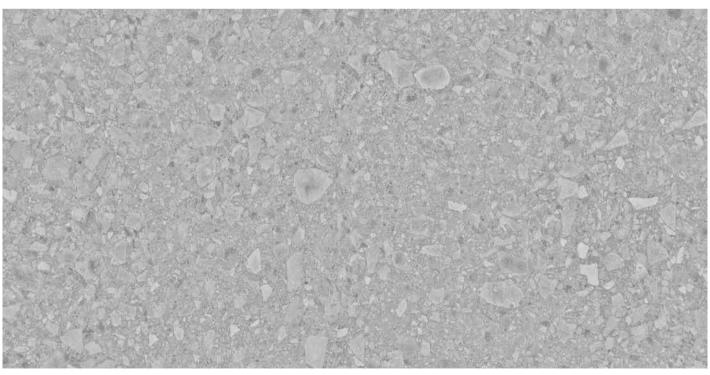












CHARCOAL GREY G12620Y10









CHARCOAL GREY

Ceppo Di Gré Series





Outdoor Tiles **Specialist**

Sandstone Series

Sandstone, a testament to nature's craftsmanship, gracefully unfolds the story of ages with its subtle grains and weathered charm. Carved by wind and time, it stands as a timeless tapestry, weaving together the artistry of ancient landscapes.



Sandstone Series

GREY

Inspiration From The Fusion Of Nature And Worldwide Culture





















Size







√ 60x120, 24"x48"

√ 60x90, 24"x36"

√ 60×60, 24"×24"

Thickness





Product Parameters

















Packaging And Weights

Size(cm, -inch)	mm	Kg/m²	Lbs/sqft	kg/pallet	Lbs/pallet	Pcs/pallet	m²/pallet	Sqft/pallet
60x120, 24"x48"	20	46	9.4	1520	3351	46	33.1	356.5
60x90, 24"x36"	20	46	9.5	1500	3307	60	32.4	348.8
60x60, 24"x24"	20	46	9.4	1520	3351	92	33.1	356.5
60x120, 24"x48"	30	68	13.9	1518	3347	31	22.3	240.3
60x90, 24"x36"	30	68	13.9	1500	3307	41	22.1	238.3
60x60, 24"x24"	30	68	13.9	1518	3347	62	22.3	240.3

Sandstone Series

Inspiration From The Fusion Of Nature And Worldwide Culture

















DUNE G6620Y25













Outdoor Tiles Specialist Marble Series

Featuring a modern classic gray and beige color palette with a matte marble-effect stone texture, it effortlessly complements various outdoor flooring options, enabling you to achieve a perfect modern style. The surface is easy to clean; a simple rinse with daily rainwater revitalizes its appearance.

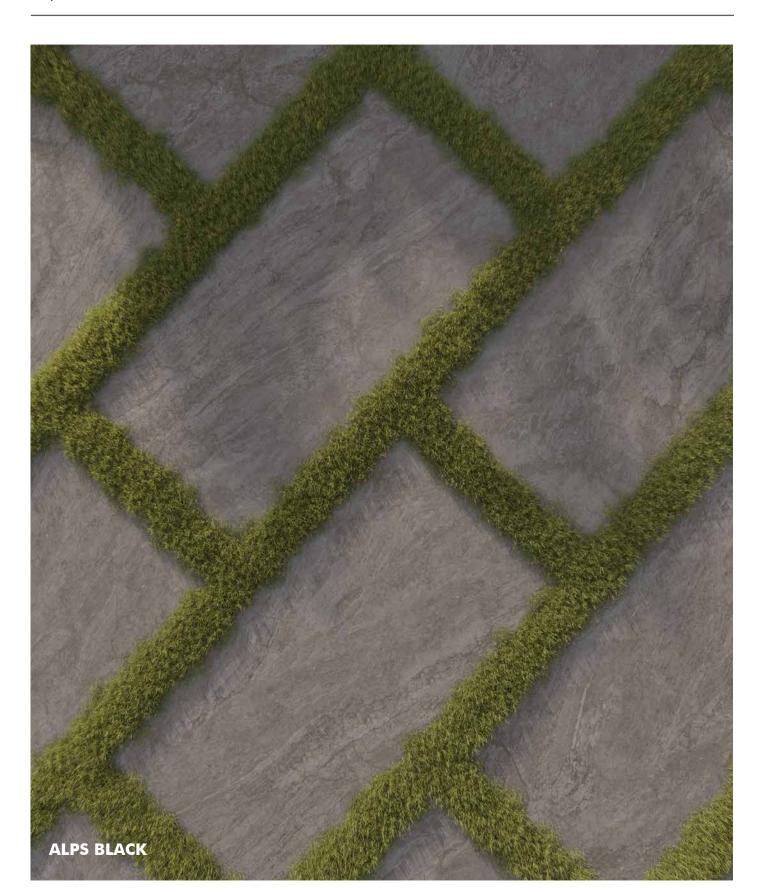












Colour

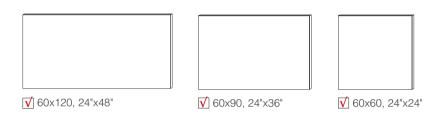








Size



Thickness



Product Parameters

	mm T		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		V			
Spanish Beige	20	Color Body	Hone	R11	V2	Wall Cladding Tile	Surface Customization	10
Hermes Grey	20	Color Body	Hone	R11	V2	Wall Cladding Tile	Surface Customization	10
Silver Onyx	20	Super White Body	Mould Rock	R11	V3	Wall Cladding Tile	Surface Customization	10
Alps Black	20	Color Body	Hone	R11	V2	Wall Cladding Tile	Surface Customization	10

Packaging And Weights

Size(cm, -inch)	mm	Kg/m²	Lbs/sqft	kg/pallet	Lbs/pallet	Pcs/pallet	m²/pallet	Sqft/pallet
60x120, 24"x48"	20	46	9.4	1520	3351	46	33.1	356.5
60x90, 24"x36"	20	46	9.5	1500	3307	60	32.4	348.8
60x60, 24"x24"	20	46	9.4	1520	3351	92	33.1	356.5

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Marble Series

Inspiration From The Fusion Of Nature And Worldwide Culture

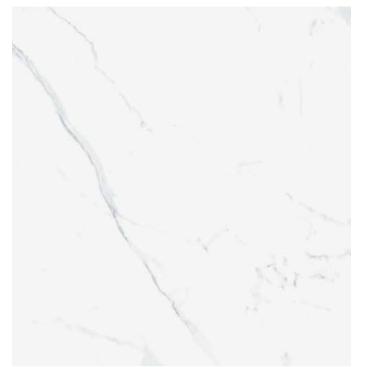












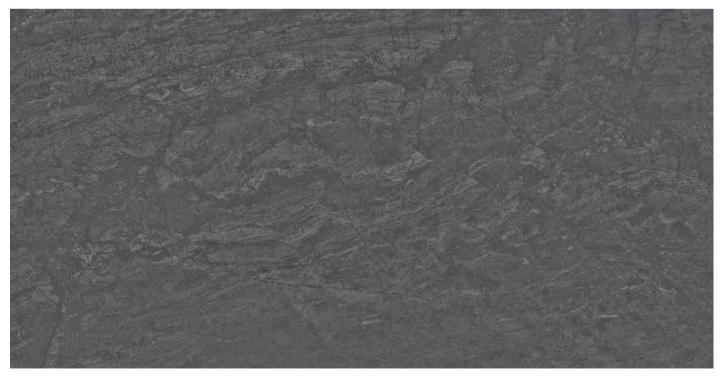


G12620001KF

SILVER ONYX G6620Y22



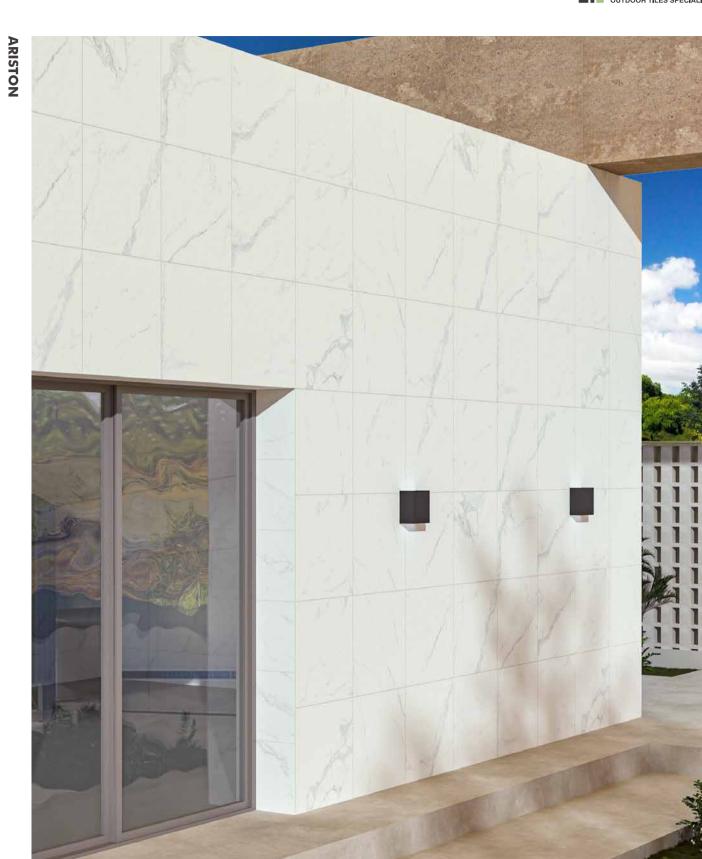


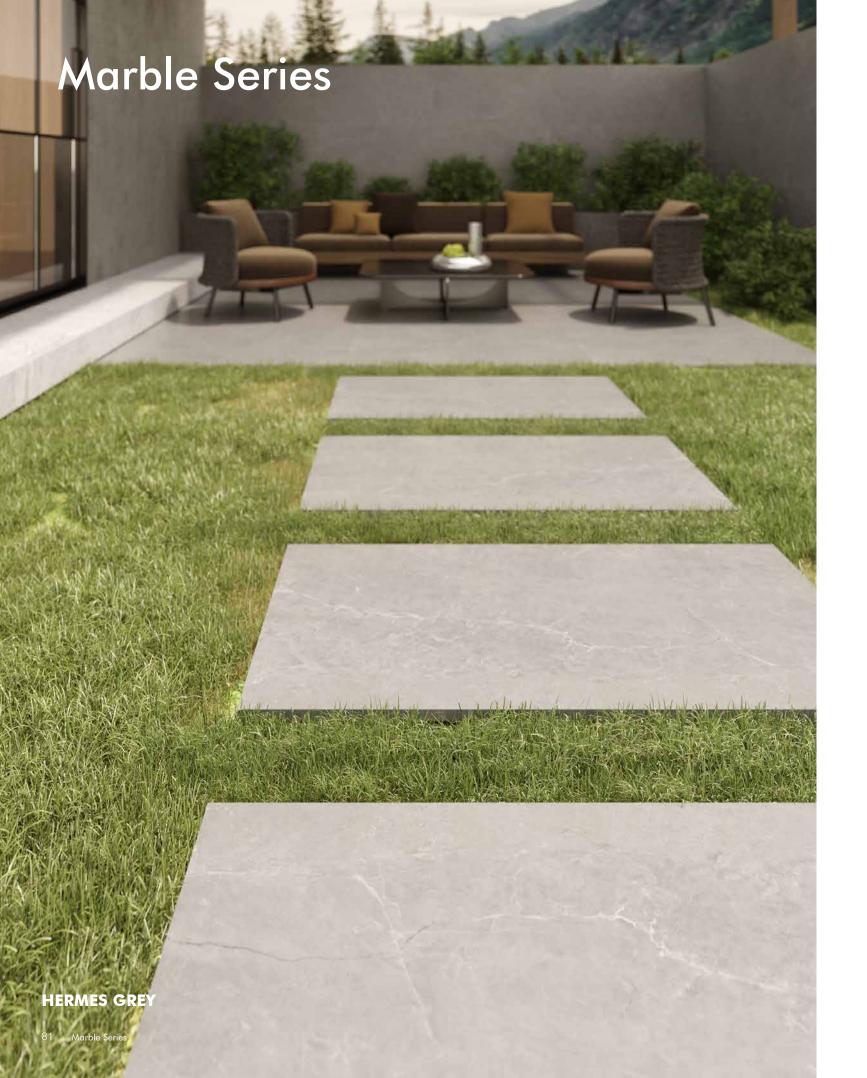


G12620Y11 **ALPS BLACK**











Outdoor Tiles Specialist Slate Series

Dessas slate is a design originated from Italy, characterised by rich texture and layers. We utilise molds and 3D printing technology to recreate the natural beauty of the original stone in every tile.

























Mural- Grey



Dessas Slate-Smoky Grey

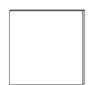
Dessas Slate- Amber

StarRiver- Taupe

Size







√ 60x60, 24"x24"

Product Parameters

√ 60x120, 24"x48"

	mm		<u> </u>	R	- V			
StarRiver- Taupe	20	Color Body	Mould Rock	R12	V2	-	Surface Customization	12
StarRiver- Pomice	20	Color Body	Mould Rock	R12	V2	-	Surface Customization	12
StarRiver- Graphite	20	Color Body	Mould Rock	R12	V2	-	Surface Customization	12
Mural- Bianco	20	Color Body	Hone	R12	V3	Wall Cladding Tile	Surface Customization	12
Mural- Grey	20	Color Body	Hone	R12	V3	Wall Cladding Tile	Surface Customization	12
Dessas Slate- Smoky Grey	20	Color Body	Mould Rock	R12	V3	-	Surface Customization	12
Dessas Slate- Amber	20	Color Body	Mould Rock	R12	V3	-	Surface Customization	12

Packaging And Weights

Size(cm, -inch)	mm	Kg/m²	Lbs/sqft	kg/pallet	Lbs/pallet	Pcs/pallet	m²/pallet	Sqft/pallet
60x120, 24"x48"	20	46	9.4	1520	3351	46	33.1	356.5
60x90, 24"x36"	20	46	9.5	1500	3307	60	32.4	348.8
60x60, 24"x24"	20	46	9.4	1520	3351	92	33.1	356.5













MURAL- GREY G12620283

87 Slate Series Embrace your outdoor life with a natural touch 88

Slate Series

Inspiration From The Fusion Of Nature And Worldwide Culture











G12620Y02



G12620Y01 **DESSAS SLATE- AMBER**

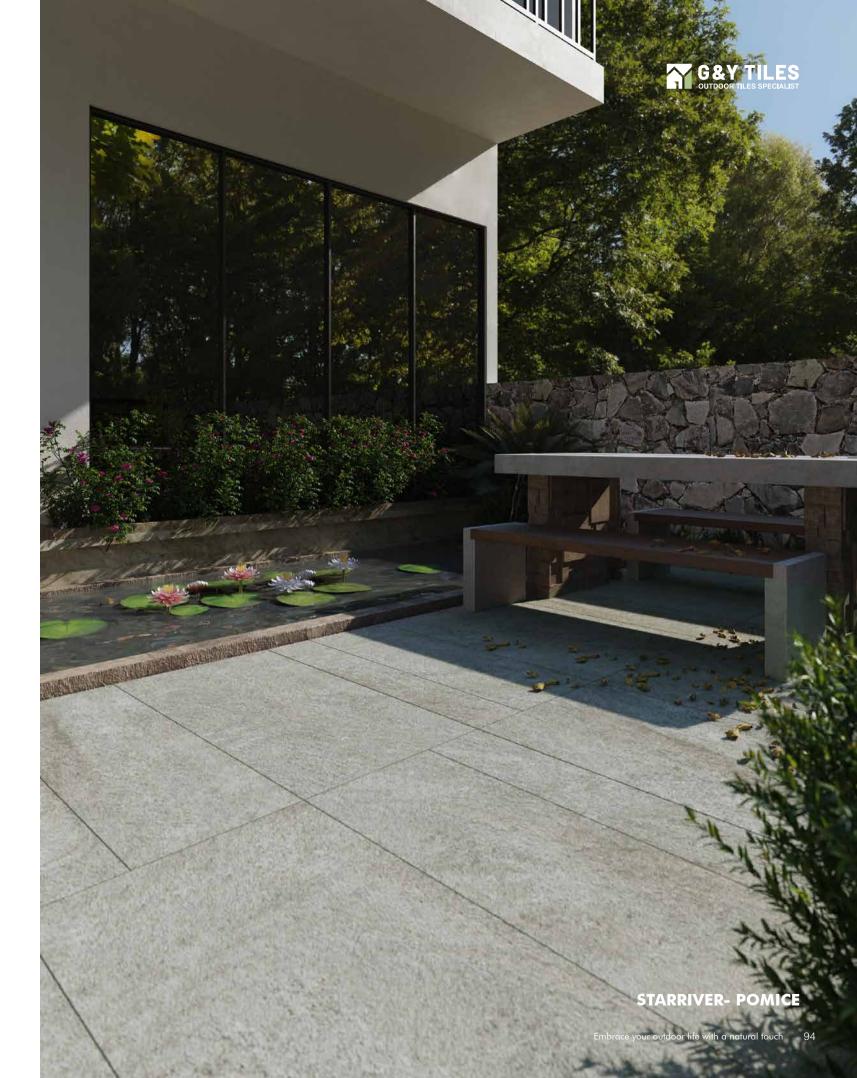




Slate Series



MURAL- BIANCO







Outdoor Tiles Specialist Wood Series

Using 3D texture technology and top-tier pro- duction equipment, it authentically reproduc- es wood grain and surface texture, providing an unparalleled visual and sensory experience.



Wood Series

BIRCH

Inspiration From The Fusion Of Nature And Worldwide Culture



















Size



√ 60x120, 24"x48"

Thickness



Product Parameters





















100

Packaging And Weights

Size(cm, -inch)	mm	Kg/m²	Lbs/sqft	kg/pallet	Lbs/pallet	Pcs/pallet	m²/pallet	Sqft/pallet
60x120, 24"x48"	20	46	9.4	1520	3351	46	33.1	356.5
60x90, 24"x36"	20	46	9.5	1500	3307	60	32.4	348.8
60x60, 24"x24"	20	46	9.4	1520	3351	92	33.1	356.5

Wood Series









G12620080KF









Outdoor Tiles Specialist Travertine Series

Breaking free from traditional rough textures, it offers a rich and clear tactile experience, preserving the wondrous beauty of nature and radiating a simple and elegant natural charm.



Travertine Series

MINERAL

Inspiration From The Fusion Of Nature And Worldwide Culture





















Be

Size







√ 60x120, 24"x48"

√ 60x90, 24"x36"

√ 60x60, 24"x24"

Thickness



Product Parameters



















Packaging And Weights

Size(cm, -inch)	mm	Kg/m²	Lbs/sqft	kg/pallet	Lbs/pallet	Pcs/pallet	m²/pallet	Sqft/pallet
60x120, 24"x48"	20	46	9.4	1520	3351	46	33.1	356.5
60x90, 24"x36"	20	46	9.5	1500	3307	60	32.4	348.8
60x60, 24"x24"	20	46	9.4	1520	3351	92	33.1	356.5

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Travertine Series

Inspiration From The Fusion Of Nature And Worldwide Culture















MINERAL G12620013KF SAND G6620Y28 BEIGE G6620Y29





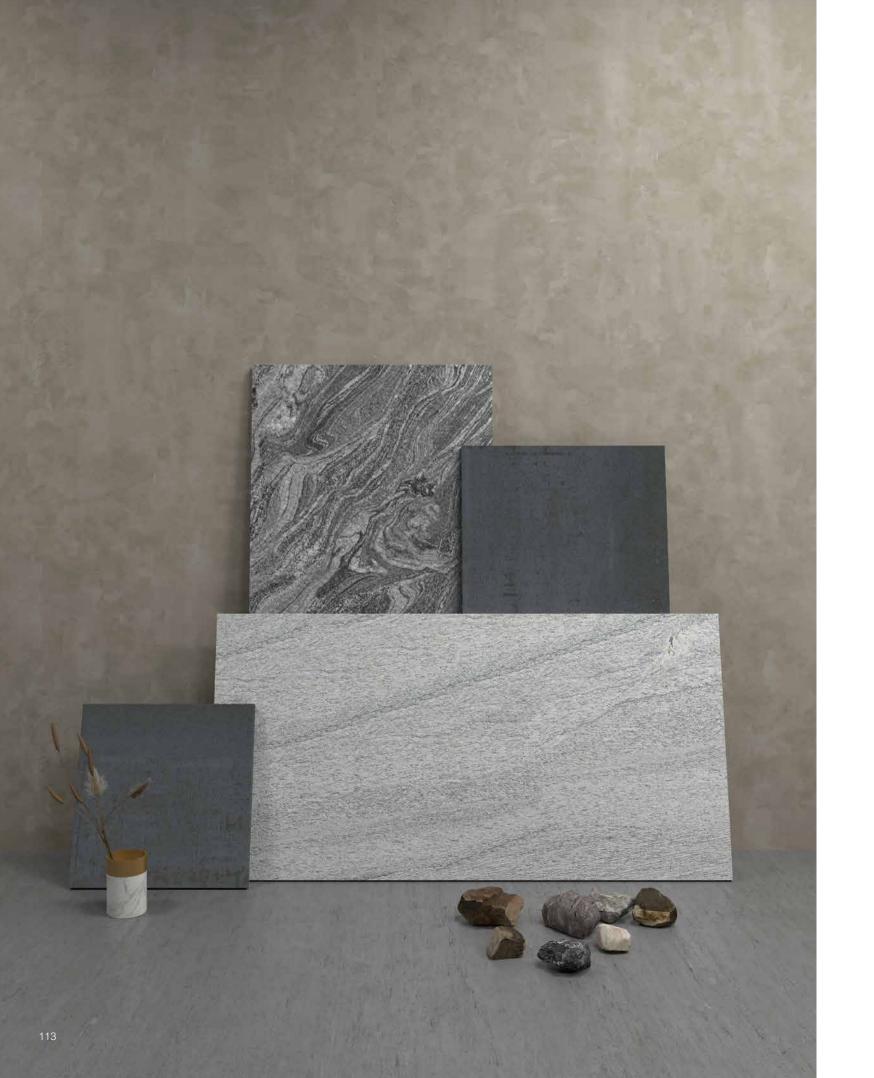
MISTY GREY G6620Y26 G6620Y27











Outdoor Tiles **Specialist**

Designer's Selections

From Asian granite to Alpine rocks, and modern metals, our designers' selection patterns to give your home a unique style, making it stand out.



Designer's Selections

Inspiration From The Fusion Of Nature And Worldwide Culture





















Waves-of-Sand

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hua

Metal- Jet Black

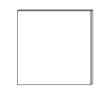
imary

Dolomite- Gri

Size







√ 60x120, 24"x48"

√ 60x90, 24"x36"

√ 60x60, 24"x24"

Thickness





Product Parameters

					-V			
Waves-of-Sand	20	Color body	Hone	R12	V3	Wall Cladding Tile	Surface Customization	12
Yuhua	20	Color body	Mould Flamed	R12	V4	Wall Cladding Tile	Surface Customization	12
Metal- Jet Black	20	Color body	Specialized	R12	V2	Wall Cladding Tile	Surface Customization	12
Dolomite- Primary	20	Color body	Mould Flamed	R12	V3	Wall Cladding Tile	Surface Customization	12
Dolomite-Grigio	20	Color body	Mould Flamed	R12	V3	Wall Cladding Tile	Surface Customization	12

Packaging And Weights

Size(cm, -inch)	mm	Kg/m²	Lbs/sqft	kg/pallet	Lbs/pallet	Pcs/pallet	m²/pallet	Sqft/pallet
60x120, 24"x48"	20	46	9.4	1520	3351	46	33.1	356.5
60x90, 24"x36"	20	46	9.5	1500	3307	60	32.4	348.8
60x60, 24"x24"	20	46	9.4	1520	3351	92	33.1	356.5



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Designer's Selections

Inspiration From The Fusion Of Nature And Worldwide Culture







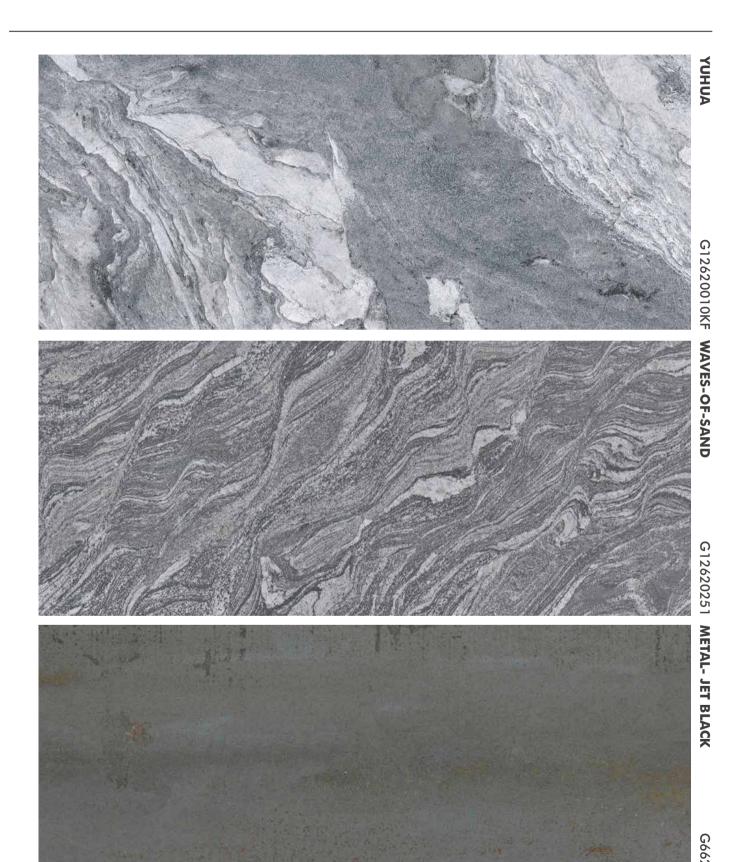


DOLOMITE- PRIMARY G6620Y30



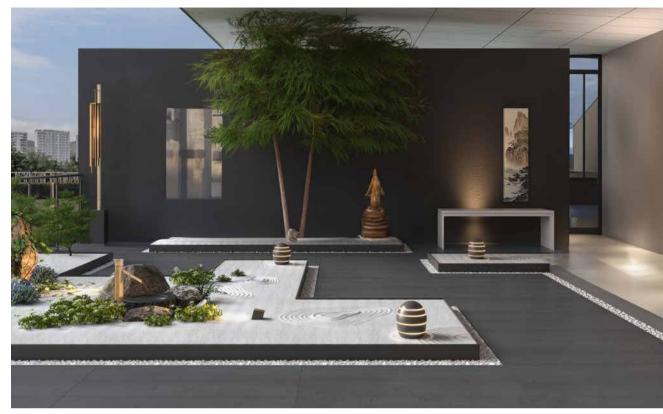
DOLOMITE- GRIGIO G6620Y31

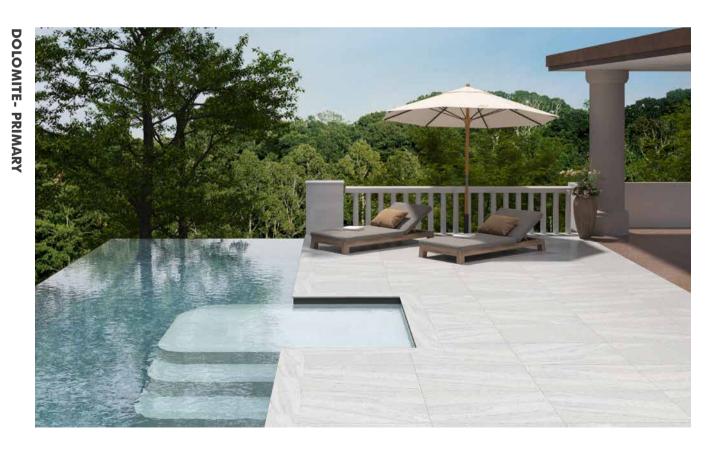




Designer's Selections

METAL- JET BLACK



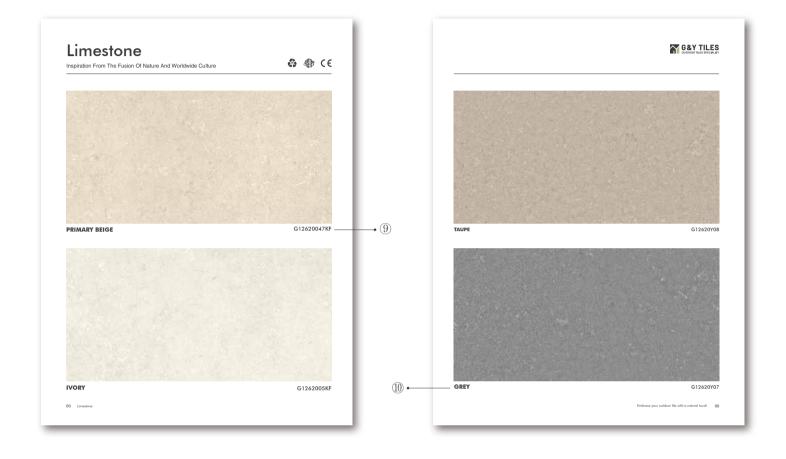


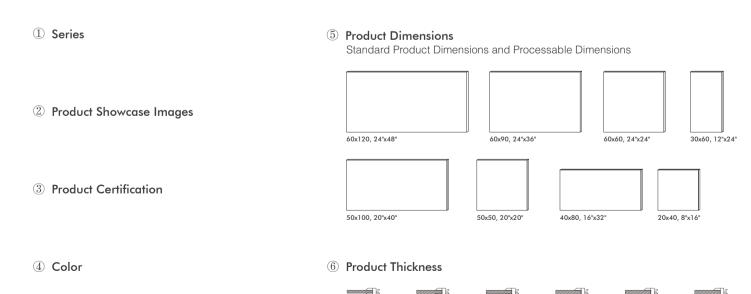


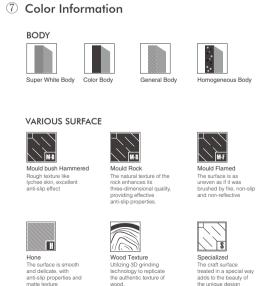
Color Information

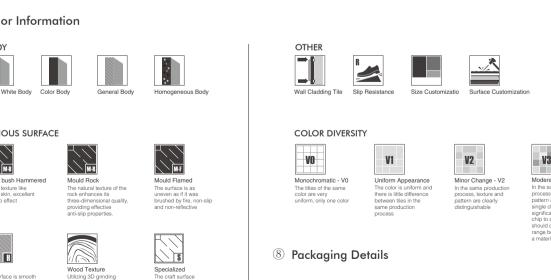












9 Model

10 Product Name

Technical Features



Testing items	Unit	Testingstandard	Standard requirement	Testing results
Right Angle			± 0.5% ± 2.0mm	- 0.05% ~ + 0.04% - 0.05% ~ + 0.04%
Edge Straightness	%	GB/T3810.2-2016	± 0.5% ±1.5mm	+ 0.02% ~ +0.03% + 0.15mm ~ + 0.22mm
Center Curvature	mm	GB/10010.2 2010	± 0.5% ± 2.0mm	+ 0.03% ~ + 0.07% + 0.25mm ~ + 0.65mm
Edge Curvature			± 0.5% ± 2.0mm	- 0.05% ~ + 0.07% - 0.41mm ~ + 0.44mm
Warpage			± 0.5% ± 2.0mm	- 0.07% ~ - 0.02% - 0.59mm ~ -0.18mm
Thickness	%	GB/T3810.2-2016	± 0.5% ± 0.5mm	- 1.10% ~ - 0.30% - 0.22mm~ - 0.06mm
Length	mm		± 0.6% ± 2.0mm	- 1.10% ~ - 0.30% - 0.06mm~ -0.20mm
Water Absorption	%	GB/T3810.3-2016	AVG ≤ 0.5 SV ≤ 0.6	AVG0.1 SV0.08 - 0.12
Destructive Strength	N	GB/T3810.4-2016	≥ 1300	15000
Modulus Of Rupture	MPa	GB/T3810.4-2016	AVG ≥ 35 SV≥32	AVG40 SV39.76 - 40.23
Abrasion Resistance	_	GB/T3810.7-2016	_	Level 4

	Testing items	Unit	Testingstandard	Standard requirement	Testing results
*	Frost resistance	_	GB/T3810.12-2016	_	Tested without cracks or spalling
au 9	impact resistance	_	GB/T3810.5-2016	_	0.838
<u></u>	friction coefficient	_	GB/T4100-2015	Floor tile friction coefficient≥0.50	0.76
	Resistance to chemical for household use and swimming pool salts	_	GB/T3810.13-2016	_	A
	Radioactivity	_	GB6566-2010	Class A ≤1.0	A
	Stain resistance	_	_	minimum level 3	5
<u></u>	Bulk density	cm3	_	_	2.4g/cm3
Q	Late stability	_	_	_	Won't fade

123 Technical Features Embrace your outdoor life with a natural touch 124

Installation Guide

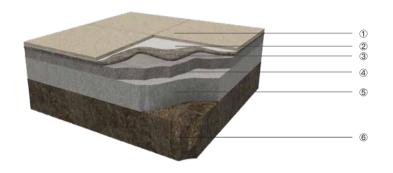
Concrete Paving

Paving technology advantage

- Ideal for the floor surface of road vehicles.
- Easy to clean and antifouling
- High tensile strength
- Can be used around swimming pools

Base section diagram

- ① 20mm G&Y Porcelain
- ② Outdoor adhesive
- ③ Thinset
- 4 50-100mm of screed with 1.5% slope
- (5) 100-250mm concrete sub-base1
- (6) Earth



Construction Guide

Preparing the screed layer

If you are laying a layer of mortar over an existing smooth or glossy floor, you may need to face adjustment to ensure stability. After adjustment, apply grout to the surface of the pit to ensure Good bond between keyed surface and mortar layer.

Preparing the screed laver

Prepare your screed with 1 part cement with 4 parts sand. Shovel in the mix to a depth of 50 - 80 mm. Compact it down evenly with a steel float. Using a straight edge remove the excess mix from the surface of the screed, and check for level until you reach the desired height and level.

Systematically continue the compacting, levelling and floating process across the surface to be tiled, checking regularly with a spirit level to ensure the correct levels. For driveways and external projects, ensure a 1.5% slope for adequate drainage. Finish by using a wooden or plastic float to achieve a perfectly smooth surface.

Prepare the cement base

Cement-based materials need to retain moisture until the hydration process is complete. Screed should therefore be left for at least 3 weeks to dry prior to tiling. Tips: The recommendation is for 1 day of drying per mm, for thicknesses up to 50 mm. Thicker substrates will require 2 days per mm. A cement based waterproof coating is recommended that cures to form a durable, waterproof coating which acts as a sealer and protects the screed from water penetration.

Set Tile

Applicable scene

Yard and Garage

Balconv and terrace

Outdoor common areas

Around the swimming pool

Outdoor stairs

Once cement base dry, fix your slabs as outlined previously using an appropriate outdoor adhesive. Ensure to back-butter all porcelain slabs to fill any voids and ensure full coverage between the surface of the tile and the adhesive. Use an appropriate leveling system. Leave at least 24 hours for adhesive to dry then grout as required. After grouting do not walk on the floor for at least 24 hours

Note

G&Y recommends careful analysis of the intended use of the floor to ensure the best method is used to fit the floor based on the specific demands. Considering that porcelain stoneware is completely waterproof, the flooring must be provided with an appropriate slope for the conditions in which it is to be used, to allow rainwater to drain away. Nevertheless, as a result of the surface tension of the water, a film of water may remain on the surface for a few hours before evaporating. Should liquid remain on the surface, it is recommended to push it towards the grout lines using a floor brush or remove it with a wet and dry vacuum cleaner.

Lawn Paving

Paving technology advantage

- Dry installation is easy and fast, without the need for adhesives or grouts.
- The slabs can be taken up and used again for other applications.
- Easy to clean and stain resistant.

Applicable scene Courtvards

- Gardens
- Public Park
- Outdoor public areas

Base section diagram

- ① Grass Level
- 2 20mm G&Y Porcelain Tiles
- ③ 50-80mm of gravel (3-6mm grain)
- 4 Subgrade

Construction Guide

Preparing the installation layout

Position the slabs on top of the grass area according to your desired installation layout. Mark around the perimeter edge of each slab using a flat spade or lawn edging cutter. Carefully lay the slab to one side. Across the entire area you have marked. remove the top surface of the lawn and soil down to a depth of 70 - 100 mm.

Make sure the surface is flat

To ensure perfect stability, fill the excavated hole with fine gravel (3 - 6 mm grain sized) to a depth of 50 - 80 mm and compact down to ensure a level surface. Carefully lower the slab into position and gently tap the slab with a rubber mallet to level. Ensure the surface of the slab is approximately 5 - 8 mm beneath the surface of the surrounding soil in order not to damage the lawnmower when cutting the grass. You may be left with a slight gap around the tile which you can fill with some of the previously excavated soil. Slabs installed in this way can be walked on immediately.

Note

G&Y recommends careful analysis of the intended use of the floor to ensure the best method is used to fit the floor based on the specific demands. Considering that porcelain stoneware is completely waterproof, the flooring must be provided with an appropriate slope for the conditions in which it is to be used, to allow rainwater to drain away. Nevertheless, as a result of the surface tension of the water, a film of water may remain on the surface for a few hours before evaporating. Should liquid remain on the surface, it is recommended to push it towards the grout lines using a floor brush or remove it with a wet and dry vacuum

Installation Guide

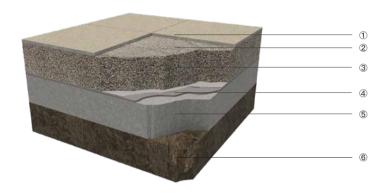
Gravel Paving

Paving technology advantage

- Dry installation is easy and fast, without the need for adhesives or grouts.
- The slabs can be taken up and used again for other applications.
- Easy to clean and stain resistant.

1.Base section diagram

- ① 20mm G&Y Porcelain Tiles
- ② 100-300mm of grave
- ③ Honeycomb mat
- Waterproof layer
- 5 100-200mm concrete base with 0.5% slop
- ⑤ Subgrade



Applicable scene

Courtyards

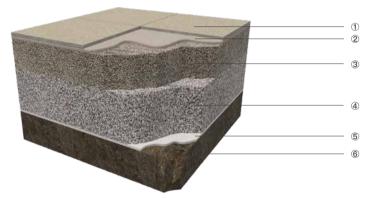
Gardens

Public Park

Outdoor public areas

2. Base section diagram

- ① 20mm G&Y Porcelain Tiles
- ② 20-50mm of sand
- ③ 200-400mm of gravel (0-20mm)
- 4 300-500mm of gravel (40-80mm)
- ⑤ Waterproof layer
- 6 Subgrade



Construction Guide

Prepare gravel

Laying on gravel ensures correct soil drainage, through the gaps between the slabs, allowing the water to drain off into the ground. This laying solution is ideal for projects where permanent floor laying is not possible.

Prepare gravel installation

For installation on gravel we recommend the use of spacers as they provide the slabs with support and allow for planar surfaces. The transparency of the material makes them scarcely visible and they can be cut in order to create T-shaped spacers for straightforward installation patterns.

Note

G&Y recommends careful analysis of the intended use of the floor to ensure the best method is used to fit the floor based on the specific demands. Considering that porcelain stoneware is completely waterproof, the flooring must be provided with an appropriate slope for the conditions in which it is to be used, to allow rainwater to drain away. Nevertheless, as a result of the surface tension of the water, a film of water may remain on the surface for a few hours before evaporating. Should liquid remain on the surface, it is recommended to push it towards the grout lines using a floor brush or remove it with a wet and dry vacuum cleaner.

Hanging Paving

Paving technology advantage

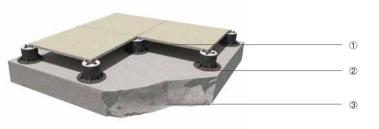
- Dry installation is easy and fast, without the need for adhesives or grouts.
- Areas that are sloping or not level can be corrected
- The slabs can be taken up and used again for other applications.
- Concealed pipework and wiring can be inspected immediately.
- Easy to clean and stain resistant.

Base section diagram

- ① 20mm G&Y Porcelain Tiles
- ② Pedestal fixed/adjustable support
- ③ 150-250mm of concrete base or existing flooring

Applicable scene

- Outdoor public areas
- Verandas
- Outdoor Water Feature



Construction Guide

Installing a raised pedestal system

The load-bearing structure of the pedestal system is made of polypropylene feet with a large base and rounded edges, to prevent damage to the insulating layer. This solution allows for any underlying elements to be inspected and offers a practical passage for pipes and wiring, meaning that all pipes and wiring systems laid beneath the tiled surface can be inspected at any time, simply by lifting and removing the slabs.

Step 1: Ensure that the underlying base is fully waterproofed.

Step 2: Clean the underlying base carefully.

Step 3: It is advisable to start laying from a corner if there is one. Step 4: It is advisable to use a fifth foot in the centre of the slab to distribute the load evenly.

Step 5: The maximum recommended laying height of the pedestals is 200 mm.

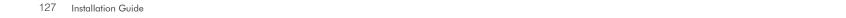
Step 6: When laying regularly check that the laid slabs are level. Step 7: To ensure a level surface, adjust the feet with the special spanner provided.

Step 8: When laying, check that the gaps between the tiles run flush and even.

It is important to ensure that the underlying base is fully waterproofed and has sufficient gradient and drainage to deal with rain water.

Note

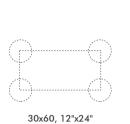
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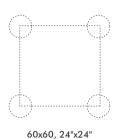


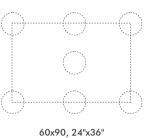
Installation Guide

Hanging Paving

When using the tray, a 1.2mm galvanized sheet can be added to the bottom of the porcelain plate to prevent damage to the porcelain plate due

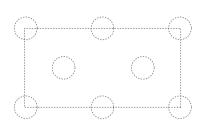






Middle Column

Functional Spacer



60x120, 24"x48"

Pedestal Paving Accesories

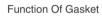


Pedestal













Paving Stone Support

Keel Support

Support Assembly Steps



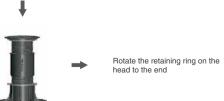




Rotate the middle column with the retaining ring to the bottom





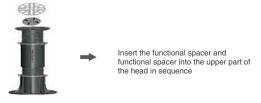






Rotate the retaining ring on the middle column to the bottom

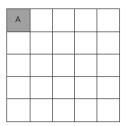




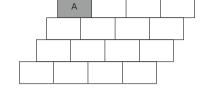
Tiling Methods



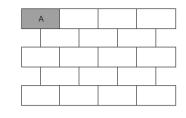
G&Y has selected 44 kinds of paving methods for your reference



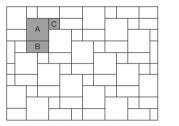
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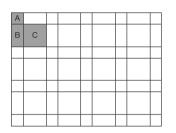
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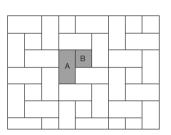
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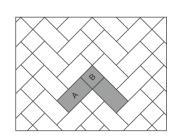
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С	300x300	300	300	0.09



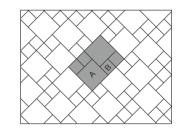
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A	300x300	300	300	0.09
В	300X600	600	300	0.18
С	600x600	600	600	0.36



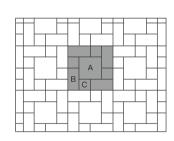
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В	600X600	600	600	0.36
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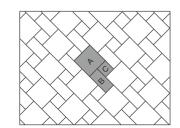
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В	600x600	600	600	0.36
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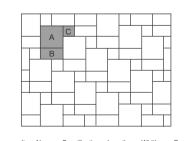
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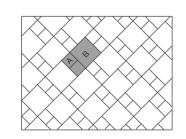
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В	300x600	600	300	0.18
С	300×300	300	300	0.09



Item No.	Specification	Length	Width	Pcs/SQM
A	600x600	600	600	0.36
В	300×600	600	300	0.18
С	300x300	300	300	0.09



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В	300x600	600	300	0.18
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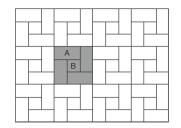


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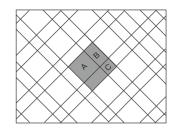
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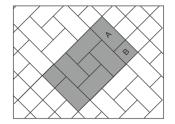




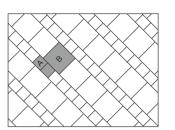
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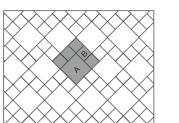
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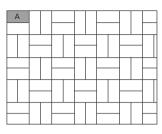
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В	600×600	600	600	0.36
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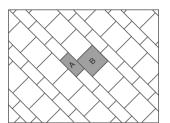
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В	300x300	300	300	0.09
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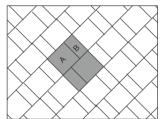
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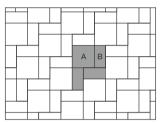
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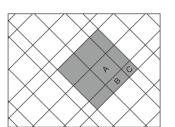
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ВВ	600x600	600	600	0.36



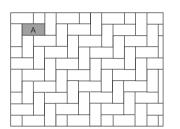
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В	300x600	600	300	0.18



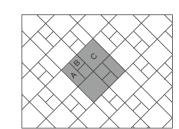
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В	300x600	600	300	0.18
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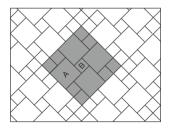
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С	300x300	300	300	0.09



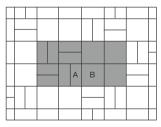
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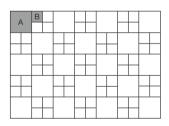
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В	300x300	300	300	0.09
C	600x600	600	600	0.36



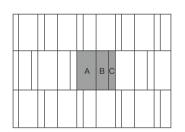
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В	300x300	300	300	0.09



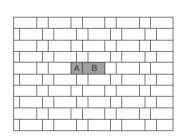
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В	600x600	600	600	0.36
-	_	-	-	_



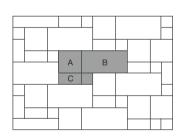
Item No.	Specification	Length	Width	Pcs/SQM
A	600x600	600	600	0.36
В	300x300	300	300	0.09
-	-	-	-	-



Item No.	Specification	Length	Width	Pcs/SQM
A	600x1200	1200	600	0.72
В	300x1200	1200	300	0.36
С	150x1200	1200	150	0.18



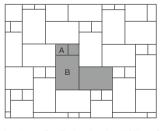
Item No.	Specification	Length	Width	Pcs/SQN
A	600x600	600	600	0.36
В	600x1200	1200	600	0.72
-	-	-	_	-



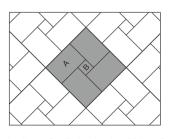
Item No.	Specification	Length	Width	Pcs/SQI
A	600x600	600	600	0.36
В	600x1200	1200	600	0.72
С	300x600	600	300	0.18

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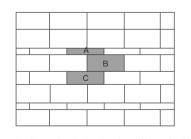
Item No.	Specification	Length	Width	Pcs/SQM
A	300x300	300	300	0.09
В	600x600	600	600	0.36
-	_	-	-	_



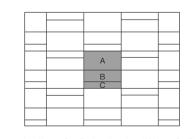
Item No.	Specification	Length	Width	Pcs/SQN
A	300x300	300	300	0.09
В	600x900	900	600	0.54
_	_			



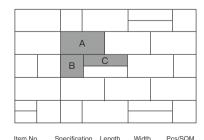
Item No.	Specification	Length	Width	Pcs/SQM
A	600x900	900	600	0.54
В	300x300	300	300	0.09
-	-	-	-	-



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A	200x1200	1200	200	0.24	
В	600x1200	1200	600	0.72	
С	400x1200	1200	400	0.48	



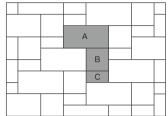
A	600x1200	1200	600	0.72	_
В	400x1200	1200	400	0.48	
С	200x1200	1200	200	0.24	



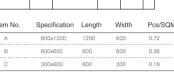
	оростоиног	Longin	********	1 00/0 4/1/
A	600x1200	1200	600	0.72
В	600x600	600	600	0.36
С	300x1200	1200	300	0.36

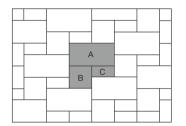
Tiling Methods

G&Y has selected 44 kinds of paving methods for your reference

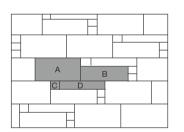


Item No.	Specification	Length	Width	Pcs/SQN
A	600x1200	1200	600	0.72
В	600x600	600	600	0.36
С	300x600	600	300	0.18

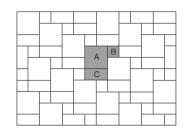




Item No.	Specification	Length	Width	Pcs/SQM
A	600x1200	1200	600	0.72
В	600x600	600	600	0.36
C	300x600	600	300	0.18



Item No.	Specification	Length	Width	Pcs/SQM
A	600x1200	1200	600	0.72
В	300x1200	1200	300	0.36
С	300x300	300	300	0.09
D	150x1200	1200	300	0.18



Item No.	Specification	Length	Width	Pcs/SQN
A	600x600	600	600	0.36
В	300x600	600	300	0.18
С	300x300	300	300	0.09

300

600

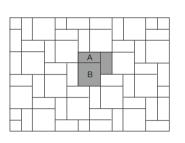
300

300

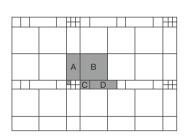
300

300

600



Item No.	Specification	Length	Width	Pcs/SQM
A	300x600	600	300	0.18
В	600x600	600	600	0.36
-	-	-	-	-



Item No.	Specification	Length	Width	Pcs/SQM
A	300x600	600	300	0.18
В	600x600	600	600	0.36
С	200x200	200	200	0.04
D	200×600	600	200	0.12

Maintenance And Certification

First cleaning and daily cleaning

To reduce the risk of damaging the tile surfaces, and to properly protect them, abrasive materials should be removed as much as possible.

Cleaning after paving is very important to complete the entire paving and maintenance in the future. Careful initial cleaning leaves floors beautiful and protected for longer, and should only be done once before using the floor. The first cleaning should be done 4-5 days after laying and caulking, but not more than 10 days at most. Caulked and cleaned tile surfaces may have a hard film that cannot be removed with water alone, in which case a properly diluted acid product (1:10 to 1:4 cold water per manufacturer's instructions) should be used. First, wet the surface of the tile, especially the gap (the grout is Colorly not acid-resistant). Spread the prepared acid solution and wait for a while (2 minutes). Don't wait until the cleaner is completely dry. Use a scrubber (use a non-abrasive disc), wet vacuum or other method, or remove the cleaner by hand, then rinse. Remember, even with a scrubber (especially recommended for textured tiles and large surfaces), do it by hand in tight corners, walls, or anywhere a scrubber can't. It is always recommended to take a quick piece of unpaved tile or a small concealed spot to test the acid resistance of the tile's surface; especially ground or polished products. It is not recommended to use cleaning products containing hydrofluoric acid (HF) or its derivatives. We always recommend that you test the acid resistance of tiles on unpaved tiles or in hidden locations where tiles have been tiled; especially with abrasive surfaces and polished tiles. Do not use products containing hydrofluoric acid (HF) or its derivatives cleaning products.

Suggest

Do not use abrasive tools to rub the tile surface, such as metal sponges or hard brushes, these products will scratch or leave irremovable marks; use organic or alkaline solvents (PH value>9), which can remove grease and grease residue, then rinse carefully; avoid soaps, especially when used with hard water, which tend to leave a thin layer; do not use products containing waxes or polishes; avoid abrasives on shiny or polished tile surfaces Gentle cleanser; the above can be used on matte products, but test on a small hidden area first. It is recommended that you test on an unpaved tile, or a small hidden spot, before using any non-neutral cleaner.

Metal connectors and metal strips are recommended for interior floors and walls, and are laid with polyurethane and epoxy adhesives. If cement-based adhesive is used, immediately remove excess adhesive from visible areas with a soft sponge.

To avoid rusting, waistline tiles and inserts should not be used in salt water areas with high salt content in the air. We also recommend avoiding waistline tiles in areas that are subject to constant submer-



ASTM, which stands for "American Society for Testing and Materials," is an international organization that develops and publishes standards for a wide range of materials. products, systems, and services. ASTM International covers diverse fields, including metals, building materials, chemicals, electrical products, aerospace, and more. The standards established by ASTM provide guidance to ensure the quality, safety, and performance of products and services. Widely adopted by manufacturers, engineers, and scientists worldwide, ASTM standards play a crucial role in setting benchmarks for various industries.



The EU CE directive confirms that the product has passed the corresponding conformity assessment procedure and the manufacturer's declaration of conformity, which means that G&Y products can be freely circulated in the European Community market and comply with a series of European directives such as safety, hygiene, environmental protection and consumer protection.





The Red Dot Award is a prestigious international design competition organized by the Design Zentrum Nordrhein Westfalen in Germany. Established in 1955, it has grown to become one of the most sought-after recognitions in the field of design worldwide.



Embrace your outdoor life with a natural touch 134 133 Tiling Methods



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