

MARQUIS
COLLECTION

INSPIRATION, DESIGN & MORE

Presentation & more

Presentation

MARQUIS COLLECTION is a Spanish brand specialising in the manufacture of porcelain floor and wall tiles.

Our company infrastructure is backed by a business group with an experienced history in the ceramics industry. The know-how accumulated from their century-long trajectory, coupled with our productive and logistic facilities (with a surface area of over 160,000m², equipped with the latest ceramic technology), our use of raw materials from leading suppliers at an international level, and, above all, the professionalism of our entire staff, enables us to offer ceramic and porcelain products with a guarantee of high quality.

To this end, our company is ISO 9001 certified, assuring our compliance with strict quality management requirements.

**ISO
9001
QUALITY
ASSURANCE**



Mission Vision Values & more

Mission / Vision / Values

MISSION

To offer a full range of aesthetic ceramic products, made in Spain using state-of-the-art technology.

VISION

To consolidate our brand as a reference point in the sector through decorative solutions which contribute added value to all types of interior and exterior projects.

VALUES

Quality

We are committed to continuous improvement. Aspiring to achieve the highest degree of quality allows us to increase our efficiency and productivity every day.

Commitment

We are fully committed to professionalism and excellence in all phases of our work.

Honesty

With our employees, clients and external collaborators, always maintaining a positive attitude.

Proximity

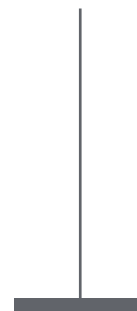
As a company, we wish to provide the best service to our customers through respect and active listening. Maximum customer orientation!

Collaboration

With the members of our team, with our clients and with our collaborators, promoting integrity and mutual trust. We're passionate about teamwork!

Responsibility

We want to contribute to a better world, which is why we make a responsible contribution towards our immediate environment, society in general and sustainability.



Sustainability & more

Sustainability

Our commitment to sustainability is based on two main areas: the efficient use of energy resources and the treatment, reduction and recycling of waste.

We have two facilities for thermal oil waste heat recovery: one which uses heat from exhaust gases for cogeneration, and the other which uses the residual heat from the plant's baking ovens.

In addition to this, we control particulate matter emissions through dry-air suction filters, which are monitored online to verify their correct operation, and combustion emissions, which are audited and verified by the competent authority.

On the other hand, all our waste is classified, stored and delivered to authorised handlers who certify its correct treatment.

We also make efficient use of water throughout the production process, and we use a packaging system which minimises the use of materials and the production of waste.

We hold the Integrated Environmental Authorisation and Global EPD (Integral Product Declaration) certified by AENOR.

GlobalEPD
A VERIFIED ENVIRONMENTAL DECLARATION

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Inspiration,
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& more

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The essence of nature

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The warmth of wood



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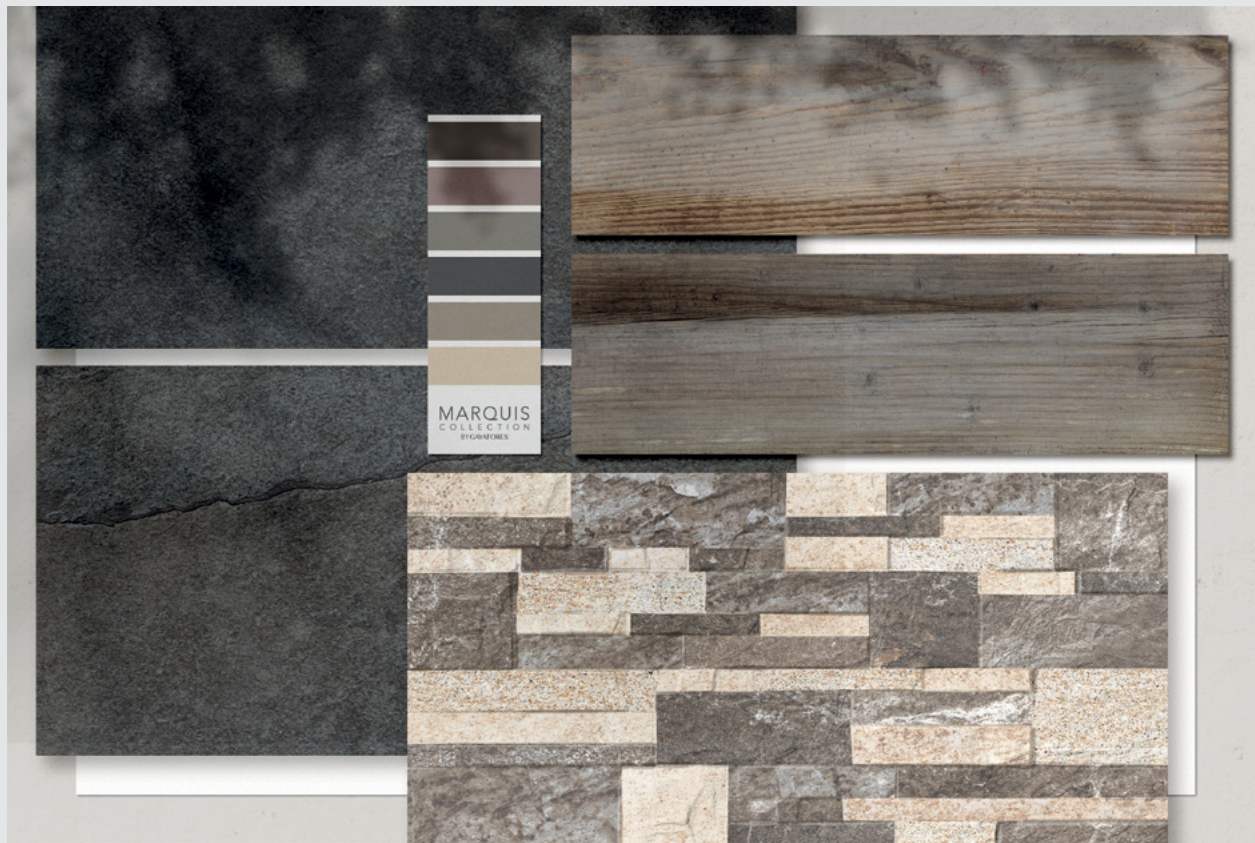


The purity of matter

The beauty of colour



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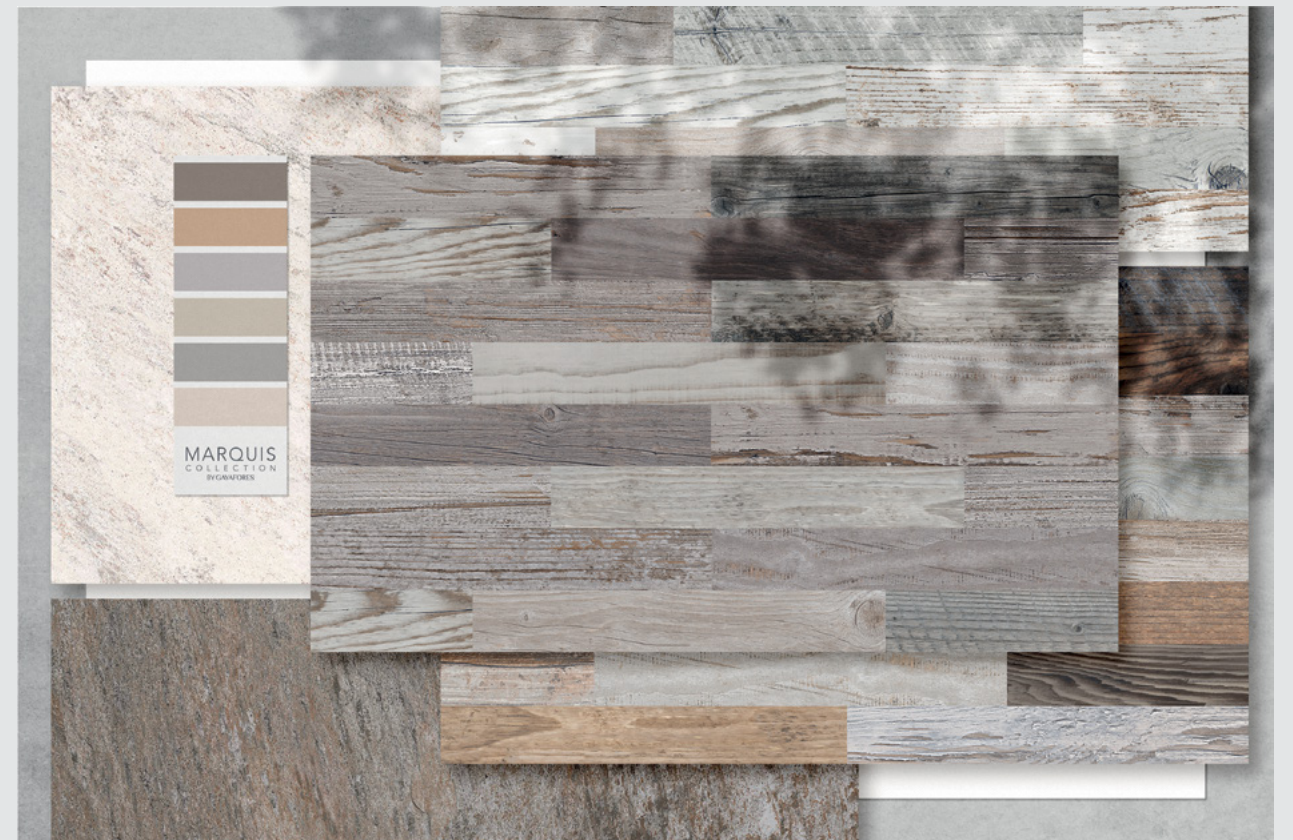
The strength of earth

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The charm of mixture



Wood

- 28 SHERWOOD
- 34 BLENDWOOD
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- 54 BORNEO



Sherwood

WOOD

Inspired by the solid wood of monumental trees, revered for its quality and scarcity, the Sherwood Collection is composed of different strips for a truly impressive result which remains deeply faithful to the original material, with all the additional benefits of tile.

The collection includes four colours (Arce, Blanco, Miel and Roble) in two different formats. The pieces can be placed horizontally, vertically or interlocked, offering a considerable range of decorative possibilities.



Sherwood Roble 15x90 / 5,9" x 35,5"



Sherwood Roble 15x90 / 5,9" x 35,5"



Sherwood Miel / Arce / Blanco 15x90 / 5,9"x 35,5"



Sherwood Blanco
15x90 / 5,9" x 35,5"



Sherwood Miel
15x90 / 5,9" x 35,5"



Sherwood Arce
15x90 / 5,9" x 35,5"



Sherwood Roble
15x90 / 5,9" x 35,5"



Sherwood Blanco
20,2x66,2 / 8" x 26,1"



Sherwood Miel
20,2x66,2 / 8" x 26,1"



Sherwood Arce
20,2x66,2 / 8" x 26,1"



Sherwood Roble
20,2x66,2 / 8" x 26,1"

Sherwood

WOOD



FROST-PROOF



MATTE



DO NOT
INTERLOCK
MORE THAN 15%



SUBSTANTIAL
VARIATION

TECHNICAL DATA

COLOUR	BENDING ISO-10545-4	HARDNESS MOHS/EN-101	ABRASION-PEI ISO-10545-7	CRAZING ISO-10545-11	CHEMICAL ATTACK RESISTANCE (ISO-10545-13)				FROST R. ISO-10545-12	SLIP RESISTANCE DIN 51130-R	SLIP RESISTANCE UNE-ENV 12633	GROUP
					STAINS	CLEANING AGENTS	POOL ADDITIVES	ACIDS/BASES				
SHERWOOD BLANCO	≥ 35	6	IV	PASS	5	GA	GA	GLA/GHA	PASS	R-9	C1	D
SHERWOOD ARCE	≥ 35	6	III	PASS	5	GA	GA	GLA/GHA	PASS	R-9	C1	C
SHERWOOD MIEL	≥ 35	6	III	PASS	5	GA	GA	GLA/GHA	PASS	R-9	C1	C
SHERWOOD ROBLE	≥ 35	6	II	PASS	5	GA	GA	GLA/GHA	PASS	R-9	C1	C

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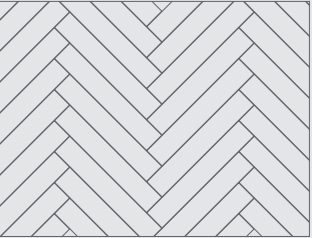
PACKING LIST

SIZE	ITEM	PCS / BOX	SQM / BOX	BOX / PAL	SQM / PAL	KG / BOX	KG / SQM	KG / PAL
15x90	SHERWOOD	8	1,08	48	51,84	26,62	24,65	1278
20,2x66,2	SHERWOOD	9	1,20	48	57,60	25,80	21,5	1238

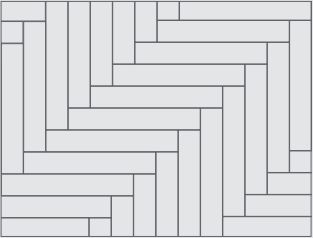
LAYING SUGGESTIONS



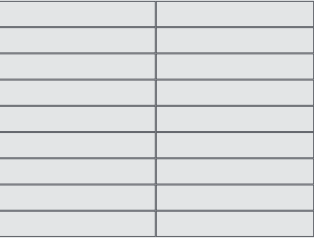
STAGGERED



HERRINGBONE 45°



HERRINGBONE 90°



STRAIGHT

When staggering wood-effect tiles, do not overlap by more than 15% of the total length of the tile. Marquis Collection recommends using a minimum joint width of 1,5 mm.

Blendwood

WOOD

The Blendwood Collection features a powerfully decorative wood, which adapts perfectly to vintage styles of décor.

This ceramic proposal presents a pickled finish with a fume effect, obtained through a special treatment with an irregular stain, which is applied by hand to give the ceramic an aged appearance.



Blendwood Miel 15x90 / 5,9" x 35,5"



Blendwood Miel 15x90 / 5,9" x 35,5"



Blendwood Natural / Gris / Miel 15x90 / 5,9"x 35,5"



Blendwood Gris 15x90 / 5,9" x 35,5"



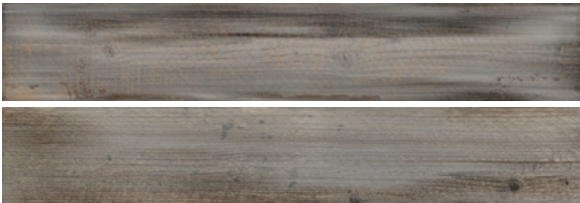
Blendwood Natural 15x90 / 5,9" x 35,5"



Blendwood Miel 15x90 / 5,9" x 35,5"



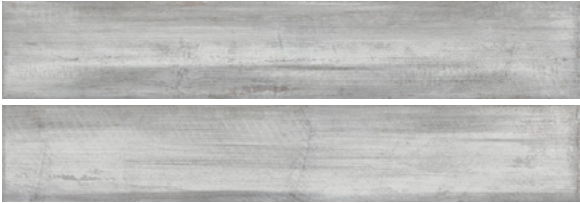
Blendwood Natural / Gris / Miel 15x90 / 5,9" x 35,5"



Blendwood Natural
15x90 / 5,9" x 35,5"



Blendwood Natural
20,2x66,2 / 8" x 26,1"



Blendwood Gris
15x90 / 5,9" x 35,5"



Blendwood Gris
20,2x66,2 / 8" x 26,1"



Blendwood Miel
15x90 / 5,9" x 35,5"



Blendwood Miel
20,2x66,2 / 8" x 26,1"

Blendwood

WOOD



FROST-PROOF



MATTE



DO NOT
INTERLOCK
MORE THAN 15%



SUBSTANTIAL
VARIATION

TECHNICAL DATA

COLOUR	BENDING ISO-10545-4	HARDNESS MOHS/EN-101	ABRASION-PEI ISO-10545-7	CRAZING ISO-10545-11	CHEMICAL ATTACK RESISTANCE (ISO-10545-13)				FROST R. ISO-10545-12	SLIP RESISTANCE DIN 51130-R	SLIP RESISTANCE UNE-ENV 12633	GROUP
					STAINS	CLEANING AGENTS	POOL ADDITIVES	ACIDS/BASES				
BLENDWOOD NATURAL	≥ 35	6	III	PASS	5	GA	GA	GLA/GHA	PASS	R-9	C1	C
BLENDWOOD GRIS	≥ 35	6	IV	PASS	5	GA	GA	GLA/GHA	PASS	R-9	C1	D
BLENDWOOD MIEL	≥ 35	6	IV	PASS	5	GA	GA	GLA/GHA	PASS	R-9	C1	D

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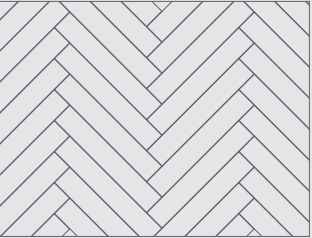
PACKING LIST

SIZE	ITEM	PCS / BOX	SQM / BOX	BOX / PAL	SQM / PAL	KG / BOX	KG / SQM	KG / PAL
15x90	BLENDWOOD	8	1,08	48	51,84	26,62	24,65	1278
20,2x66,2	BLENDWOOD	9	1,20	48	57,60	25,80	21,5	1238

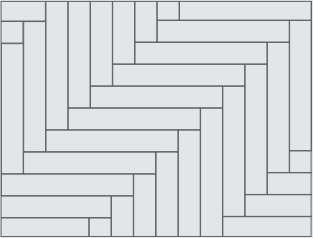
LAYING SUGGESTIONS



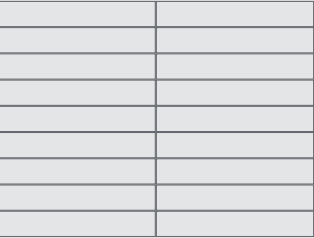
STAGGERED



HERRINGBONE 45°



HERRINGBONE 90°



STRAIGHT

When staggering wood-effect tiles, do not overlap by more than 15% of the total length of the tile. Marquis Collection recommends using a minimum joint width of 1,5 mm.

Scandinavia

WOOD

The essence of the forest is reflected in this multi-wood concept, full of stark contrasts and rustic nuances, with a characteristic grain and worn detailing, bringing a strong character to any space.

The Scandinavia Collection is available in Blanco (white) or Gris (grey), as well as Natural, which features distinct chromatic movement and a more energetic appearance.



Scandinavia Natural 40,8x66,2 / 16,1"x 26,1"



Scandinavia Natural / Gris / Blanco 40,8x66,2 / 16,1"x 26,1"



Scandinavia Natural / Gris / Blanco 40,8x66,2 / 16,1"x 26,1"



Scandinavia Natural 40,8x66,2 / 16,1" x 26,1"



Scandinavia Natural 40,8x66,2 / 16,1" x 26,1"



Scandinavia Natural 40,8x66,2 / 16,1" x 26,1" / Scandinavia Blanco 40,8x66,2 / 16,1" x 26,1"



Scandinavia Natural 40,8x66,2 / 16,1"x 26,1"



Scandinavia Blanco 40,8x66,2 / 16,1"x 26,1"



Scandinavia Natural 40,8x66,2 / 16,1"x 26,1"



Scandinavia Natural
40,8x66,2 / 16,1”x 26,1”



Scandinavia Gris
40,8x66,2 / 16,1”x 26,1”



Scandinavia Blanco
40,8x66,2 / 16,1”x 26,1”

Scandinavia

WOOD



FROST-PROOF



MATTE



SUBSTANTIAL
VARIATION

TECHNICAL DATA

COLOUR	BENDING ISO-10545-4	HARDNESS MOHS/EN-101	ABRASION-PEI ISO-10545-7	CRAZING ISO-10545-11	CHEMICAL ATTACK RESISTANCE (ISO-10545-13)				FROST R. ISO-10545-12	SLIP RESISTANCE DIN 51130-R	SLIP RESISTANCE UNE-ENV 12633	GROUP
					STAINS	CLEANING AGENTS	POOL ADDITIVES	ACIDS/BASES				
SCANDINAVIA NATURAL	≥ 35	6	III	PASS	5	GA	GA	GLA/GHA	PASS	R-9	C1	C
SCANDINAVIA GRIS	≥ 35	6	III	PASS	5	GA	GA	GLA/GHA	PASS	R-9	C1	C
SCANDINAVIA BLANCO	≥ 35	6	IV	PASS	5	GA	GA	GLA/GHA	PASS	R-9	C1	D

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PACKING LIST

SIZE	ITEM	PCS / BOX	SQM / BOX	BOX / PAL	SQM / PAL	KG / BOX	KG / SQM	KG / PAL
40,8x66,2	SCANDINAVIA	4	1,08	48	51,84	21,71	20,1	1042

Borneo

WOOD

The warmth of handcrafted woodwork at our feet! This parquet boasts a super natural look comprised of lightly coloured planks, in a luminous Pino shade or a fresh Natural tone.

Delicate oak veins intermingle throughout the various small strips, playing with the natural tonality of the wood. The result is a timeless flooring concept that fits perfectly with all styles of décor. This is the Borneo Collection.



Borneo Pino 33,15x33,15 / 13,1" x 13,1"



Borneo Pino 33,15x33,15 / 13,1" x 13,1"



Borneo Natural / Pino 33,15x33,15 / 13,1"x 13,1"



Borneo Natural 33,15x33,15 / 13,1"x 13,1"



Borneo Pino 33,15x33,15 / 13,1"x 13,1"



Borneo Natural 33,15x33,15 / 13,1"x 13,1"



Borneo Natural
33,15x33,15 / 13,1”x 13,1”



Borneo Pino
33,15x33,15 / 13,1”x 13,1”

Borneo

WOOD



FROST-PROOF



MATTE



MODERATE
VARIATION

TECHNICAL DATA

COLOUR	BENDING ISO-10545-4	HARDNESS MOHS/EN-101	ABRASION-PEI ISO-10545-7	CRAZING ISO-10545-11	CHEMICAL ATTACK RESISTANCE (ISO-10545-13)				FROST R. ISO-10545-12	SLIP RESISTANCE DIN 51130-R	SLIP RESISTANCE UNE-ENV 12633	GROUP
					STAINS	CLEANING AGENTS	POOL ADDITIVES	ACIDS/BASES				
BORNEO NATURAL	≥ 35	6	III	PASS	5	GA	GA	GLA/GHA	PASS	R-9	C1	D
BORNEO PINO	≥ 35	6	IV	PASS	5	GA	GA	GLA/GHA	PASS	R-9	C1	D

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PACKING LIST

SIZE	ITEM	PCS / BOX	SQM / BOX	BOX / PAL	SQM / PAL	KG / BOX	KG / SQM	KG / PAL
33,15x33,15	BORNEO	12	1,32	48	63,36	22,04	16,7	1058

Concrete

64 DETROIT

Detroit

CONCRETE

The Detroit Collection reinvents the imposing identity of concrete formwork, with textured panels and edges that give a raw, natural finish to floors and walls.

Available in Gris (grey) and Marengo, Detroit is presented as a whole piece with three panels.



Detroit **Anti-Slip** Gris 40,8x66,2 / 16,1" x 26,1"



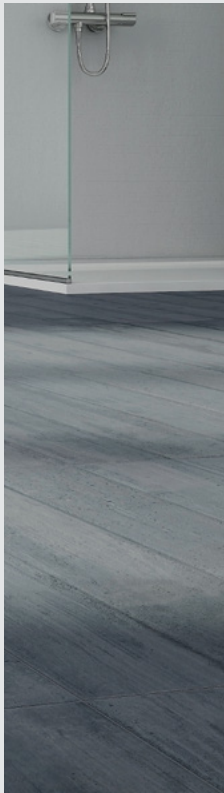
Detroit **Anti-Slip** Gris 40,8x66,2 / 16,1" x 26,1"



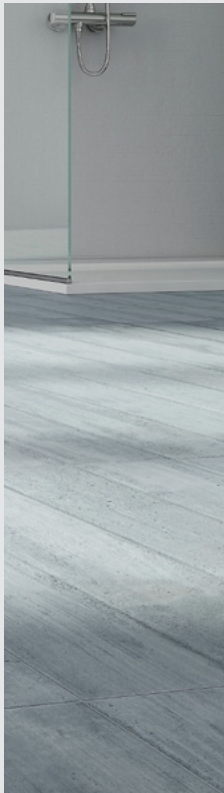
Detroit **Anti-Slip** Marengo / Gris 40,8x66,2 / 16,1" x 26,1"



Detroit Gris / Marengo 40,8x66,2 / 16,1"x 26,1"



Detroit Marengo / Gris 40,8x66,2 / 16,1"x 26,1"



Detroit Gris 40,8x66,2 / 16,1"x 26,1"



Detroit Gris 40,8x66,2 / 16,1" x 26,1"



Detroit Gris / Marengo 40,8x66,2 / 16,1" x 26,1"



Detroit Marengo / Gris 40,8x66,2 / 16,1" x 26,1"



Detroit Marengo / Detroit **Anti-Slip** Marengo
40,8x66,2 / 16,1”x 26,1”



Detroit Gris / Detroit **Anti-Slip** Gris
40,8x66,2 / 16,1”x 26,1”

Detroit

CONCRETE



FROST-PROOF



MATTE



SUBSTANTIAL
VARIATION

TECHNICAL DATA

COLOUR	BENDING ISO-10545-4	HARDNESS MOHS/EN-101	ABRASION-PEI ISO-10545-7	CRAZING ISO-10545-11	CHEMICAL ATTACK RESISTANCE (ISO-10545-13)				FROST R. ISO-10545-12	SLIP RESISTANCE DIN 51130-R	SLIP RESISTANCE UNE-ENV 12633	GROUP
					STAINS	CLEANING AGENTS	POOL ADDITIVES	ACIDS/BASES				
DETROIT GRIS	≥ 35	6	IV	PASS	5	GA	GA	GLA/GHA	PASS	R-10	C1	D
DETROIT ANTI-SLIP GRIS	≥ 35	6	IV	PASS	5	GA	GA	GLA/GHA	PASS	R-12	C3	E
DETROIT MARENGO	≥ 35	6	III	PASS	5	GA	GA	GLA/GHA	PASS	R-10	C1	C
DETROIT ANTI-SLIP MARENGO	≥ 35	6	III	PASS	5	GA	GA	GLA/GHA	PASS	R-12	C3	E

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PACKING LIST

SIZE	ITEM	PCS / BOX	SQM / BOX	BOX / PAL	SQM / PAL	KG / BOX	KG / SQM	KG / PAL
40,8x66,2	DETROIT	4	1,08	48	51,84	21,71	20,1	1042

Stones

76 SPACE

84 ORION

92 MURO

98 MURO CAVA

Space

STONE

The Space Collection represents the essence and depth of natural stone, with all the benefits of porcelain tiling, in terms of strength, maintenance, and durability.

It stands out for its exceptional versatility and avant-garde aesthetic. Additionally, thanks to its chromatic range—available in grey, black and white—Space easily adapts to all contemporary decorative projects.



Space Gris 32x62,5 / 12,6" x 24,6"



Space Gris 32x62,5 / 12,6" x 24,6"



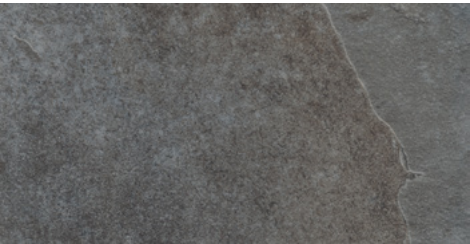
Space Blanco 32x62,5 / 12,6" x 24,6"



Space Black / Gris / Blanco 32x62,5 / 12,6" x 24,6"



Space Black 32x62,5 / 12,6" x 24,6" / Deco Space Black 32x62,5 / 12,6" x 24,6"



Space Black
32x62,5 / 12,6" x 24,6"



Deco Space Black
32x62,5 / 12,6" x 24,6"



Space Gris
32x62,5 / 12,6" x 24,6"



Deco Space Gris
32x62,5 / 12,6" x 24,6"



Space Blanco
32x62,5 / 12,6" x 24,6"



Deco Space Blanco
32x62,5 / 12,6" x 24,6"

Space

STONE



FROST-PROOF



MATTE



MODERATE
VARIATION

TECHNICAL DATA

COLOUR	BENDING ISO-10545-4	HARDNESS MOHS/EN-101	ABRASION-PEI ISO-10545-7	CRAZING ISO-10545-11	CHEMICAL ATTACK RESISTANCE (ISO-10545-13)				FROST R. ISO-10545-12	SLIP RESISTANCE DIN 51130-R	SLIP RESISTANCE UNE-ENV 12633	GROUP
					STAINS	CLEANING AGENTS	POOL ADDITIVES	ACIDS/BASES				
SPACE BLACK	≥ 35	6	II	PASS	5	GA	GA	GLA/GHA	PASS	R-9	C1	B
DECO SPACE BLACK	≥ 35	6	-	PASS	5	GA	GA	GLA/GHA	PASS	-	-	W
SPACE GRIS	≥ 35	6	III	PASS	5	GA	GA	GLA/GHA	PASS	R-9	C1	C
DECO SPACE GRIS	≥ 35	6	-	PASS	5	GA	GA	GLA/GHA	PASS	-	-	W
SPACE BLANCO	≥ 35	6	IV	PASS	5	GA	GA	GLA/GHA	PASS	R-9	C1	D
DECO SPACE BLANCO	≥ 35	6	-	PASS	5	GA	GA	GLA/GHA	PASS	-	-	W

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PACKING LIST

SIZE	ITEM	PCS / BOX	SQM / BOX	BOX / PAL	SQM / PAL	KG / BOX	KG / SQM	KG / PAL
32x62,5	SPACE / DECO SPACE	5	1,00	48	48	19,90	19,90	955

Orion

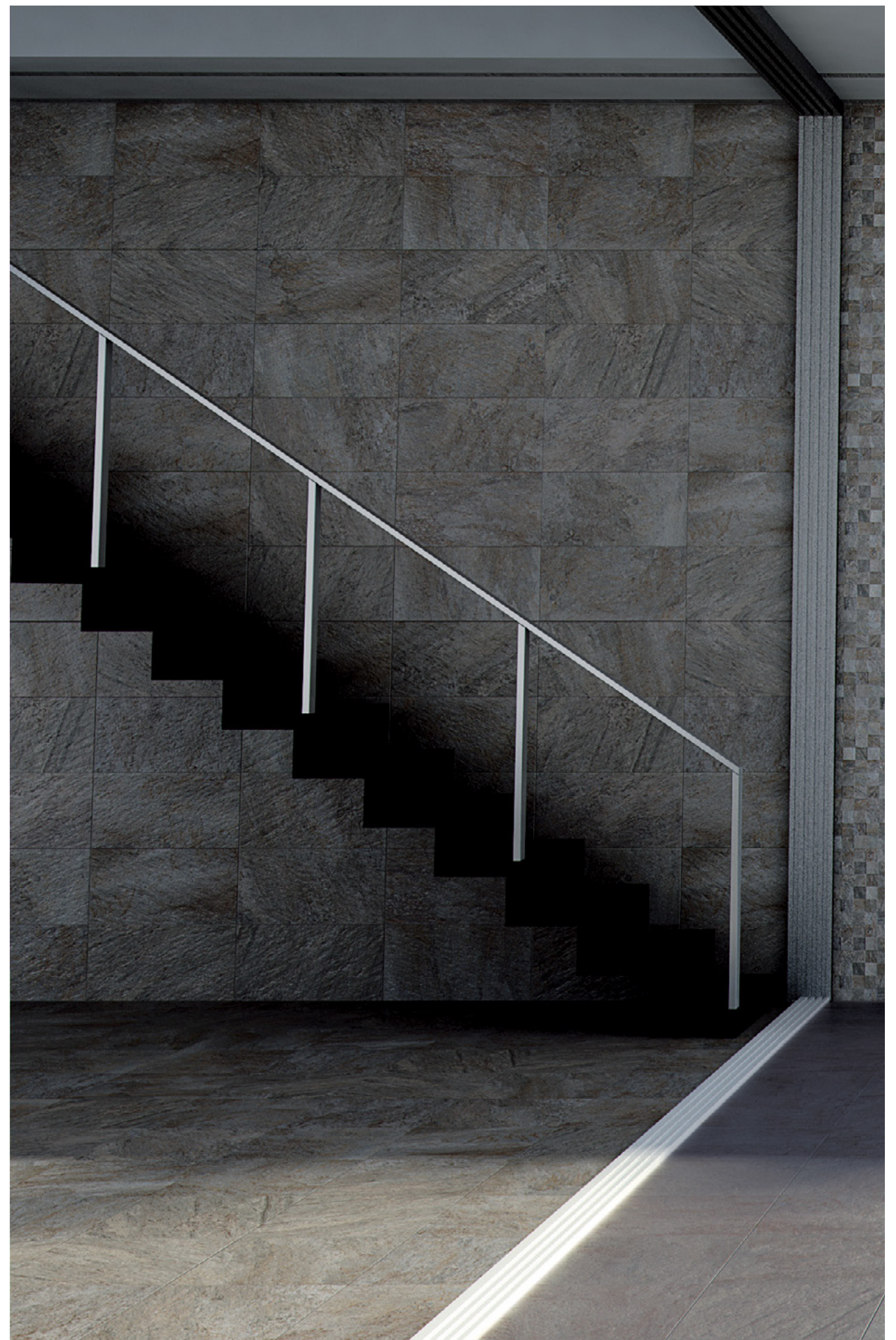
STONE

The Orion Collection features an authentic stone design and texture.

Available in three tones (Arena, Blanco and Gris), this porcelain proposal can be placed in interiors and exteriors alike, providing an aesthetic advantage much appreciated by architects and decorators. The collection also offers a non-slip version, making it especially suitable for outdoor and/or wet areas, such as terraces, swimming pools, spas, and gardens.



Orion Gris 32x62,5 / 12,6" x 24,6"



Orion Gris 32x62,5 / 12,6" x 24,6" / Orion **Anti-Slip** Gris 40,8x66,2 / 16,1" x 26,1"



Orion **Anti-Slip** Blanco 40,8x66,2 / 16,1"x 26,1"



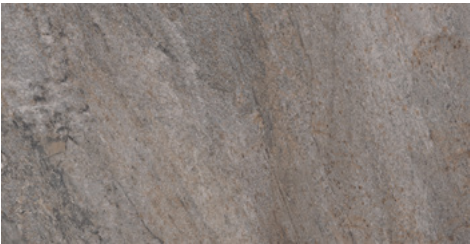
Orion Gris / Arena / Blanco 32x62,5 / 12,6" x 24,6"



Orion Gris 32x62,5 / 12,6" x 24,6"



Orion Gris / Orion **Anti-Slip** Gris
40,8x66,2 / 16,1"x 26,1"



Orion Gris
32x62,5 / 12,6"x 24,6"



Orion Arena / Orion **Anti-Slip** Arena
40,8x66,2 / 16,1"x 26,1"



Orion Arena
32x62,5 / 12,6"x 24,6"



Orion Blanco / Orion **Anti-Slip** Blanco
40,8x66,2 / 16,1"x 26,1"



Orion Blanco
32x62,5 / 12,6"x 24,6"

Orion

STONE



FROST-PROOF



MATTE



SUBSTANTIAL
VARIATION

TECHNICAL DATA

COLOUR	BENDING ISO-10545-4	HARDNESS MOHS/EN-101	ABRASION-PEI ISO-10545-7	CRAZING ISO-10545-11	CHEMICAL ATTACK RESISTANCE (ISO-10545-13)				FROST R. ISO-10545-12	SLIP RESISTANCE DIN 51130-R	SLIP RESISTANCE UNE-ENV 12633	GROUP
					STAINS	CLEANING AGENTS	POOL ADDITIVES	ACIDS/BASES				
ORION GRIS	≥ 35	7	III	PASS	5	GA	GA	GLA/GHA	PASS	R-9	C1	D
ORION ANTI-SLIP GRIS	≥ 35	7	III	PASS	5	GA	GA	GLA/GHA	PASS	R-11	C3	E
ORION ARENA	≥ 35	7	IV	PASS	5	GA	GA	GLA/GHA	PASS	R-9	C1	GT
ORION ANTI-SLIP ARENA	≥ 35	7	IV	PASS	5	GA	GA	GLA/GHA	PASS	R-11	C3	E
ORION BLANCO	≥ 35	7	IV	PASS	5	GA	GA	GLA/GHA	PASS	R-9	C1	GT
ORION ANTI-SLIP BLANCO	≥ 35	7	IV	PASS	5	GA	GA	GLA/GHA	PASS	R-11	C3	E

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PACKING LIST

SIZE	ITEM	PCS / BOX	SQM / BOX	BOX / PAL	SQM / PAL	KG / BOX	KG / SQM	KG / PAL
40,8x66,2	ORION	4	1,08	48	51,84	21,71	20,1	1042
32x62,5	ORION	5	1,00	48	48	19,90	19,90	955

Muro

STONE

The Muro Collection is inspired by quartzite stone and is ideal for both interiors and exteriors.

Available in Natural or Anthracite, this rustic proposal exhibits a distinct character, suitable for decorating a multitude of public or private spaces, such as living rooms, bathrooms, kitchens, and terraces.



Muro Anthracite 32x62,5 / 12,6"x 24,6"



Muro Anthracite 32x62,5 / 12,6"x 24,6"



Muro Natural 32x62,5 / 12,6" x 24,6"



Muro Natural
32x62,5 / 12,6" x 24,6"



Muro Antracita
32x62,5 / 12,6" x 24,6"

Muro

STONE



FROST-PROOF



MATTE



SUBSTANTIAL
VARIATION



CLASS

TECHNICAL DATA

COLOUR	BENDING ISO-10545-4	HARDNESS MOHS/EN-101	ABRASION-PEI ISO-10545-7	CRAZING ISO-10545-11	CHEMICAL ATTACK RESISTANCE (ISO-10545-13)				FROST R. ISO-10545-12	SLIP RESISTANCE DIN 51130-R	SLIP RESISTANCE UNE-ENV 12633	GROUP
					STAINS	CLEANING AGENTS	POOL ADDITIVES	ACIDS/BASES				
MURO NATURAL	≥ 35	7	III	PASS	5	GA	GA	GLA/GHA	PASS	-	-	W
MURO ANTRACITA	≥ 35	7	III	PASS	5	GA	GA	GLA/GHA	PASS	-	-	W

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PACKING LIST

SIZE	ITEM	PCS / BOX	SQM / BOX	BOX / PAL	SQM / PAL	KG / BOX	KG / SQM	KG / PAL
32x62,5	MURO	5	1,00	48	48	19,90	19,90	955

Muro Cava

STONE

This porcelain collection offers a wide range of decorative possibilities, thanks to its natural stone texture, which is ideal for both interior and exterior walls. The design and texture of the pieces position this proposal among the most current trends.

As such, the Muro Cava Collection is perfect for imbuing original spaces with a strong personality, while providing warmth and sophistication.



Muro Cava Almond 40,8x66,2 / 16,1"x 26,1"



Muro Cava Almond 40,8x66,2 / 16,1"x 26,1"



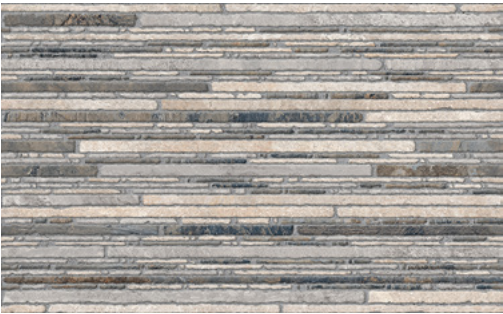
Muro Cava Natural 40,8x66,2 / 16,1"x 26,1"



Muro Cava Almond / Gris 40,8x66,2 / 16,1"x 26,1"



Muro Cava Blanco 40,8x66,2 / 16,1"x 26,1"



Muro Cava Gris 40,8x66,2 / 16,1"x 26,1"



Muro Cava Natural 40,8x66,2 / 16,1"x 26,1"



Muro Cava Blanco 40,8x66,2 / 16,1"x 26,1"



Muro Cava Almond 40,8x66,2 / 16,1"x 26,1"

Muro Cava

STONE



FROST-PROOF



MATTE



SUBSTANTIAL
VARIATION



CLASS

TECHNICAL DATA

COLOUR	BENDING ISO-10545-4	HARDNESS MOHS/EN-101	ABRASION-PEI ISO-10545-7	CRAZING ISO-10545-11	CHEMICAL ATTACK RESISTANCE (ISO-10545-13)				FROST R. ISO-10545-12	SLIP RESISTANCE DIN 51130-R	SLIP RESISTANCE UNE-ENV 12633	GROUP
					STAINS	CLEANING AGENTS	POOL ADDITIVES	ACIDS/BASES				
MURO CAVA GRIS	≥ 35	6	III	PASS	5	GA	GA	GLA/GHA	PASS	-	-	W
MURO CAVA NATURAL	≥ 35	6	III	PASS	5	GA	GA	GLA/GHA	PASS	-	-	W
MURO CAVA ALMOND	≥ 35	6	III	PASS	5	GA	GA	GLA/GHA	PASS	-	-	W
MURO CAVA BLANCO	≥ 35	6	III	PASS	5	GA	GA	GLA/GHA	PASS	-	-	W

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PACKING LIST

SIZE	ITEM	PCS / BOX	SQM / BOX	BOX / PAL	SQM / PAL	KG / BOX	KG / SQM	KG / PAL
40,8x66,2	MURO CAVA	4	1,08	48	51,84	23,22	21,50	1115

Deco

108 SWING

114 BRICK LINE

120 BRICKTREND

128 ARTISAN

138 MEDITERRANEAN

Swing

DECO

The Swing Collection features a strong decorative character with a soft matte finish. On a monochromatic white background, raised ripples give the effect of rhythmic, sinuous movement. The waves intertwine, generating a seemingly simple visual continuity, with an elegant touch that impregnates the atmosphere.

The result is balanced and harmonious, as the design of the Swing Collection perfectly integrates into each project, complementing the existing décor or standing out as an element in its own right.



Swing White 32x62,5 / 12,6"x 24,6"



Swing White 32x62,5 / 12,6"x 24,6"



Swing White 32x62,5 / 12,6" x 24,6"



Swing White
32x62,5 / 12,6" x 24,6"

Swing

STONE



FROST-PROOF



MATTE



CLASS

TECHNICAL DATA

COLOUR	BENDING ISO-10545-4	HARDNESS MOHS/EN-101	ABRASION-PEI ISO-10545-7	CRAZING ISO-10545-11	CHEMICAL ATTACK RESISTANCE (ISO-10545-13)				FROST R. ISO-10545-12	SLIP RESISTANCE DIN 51130-R	SLIP RESISTANCE UNE-ENV 12633	GROUP
					STAINS	CLEANING AGENTS	POOL ADDITIVES	ACIDS/BASES				
SWING WHITE	≥ 35	6	-	PASS	5	GA	GA	GLA/GHA	PASS	-	-	W

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PACKING LIST

SIZE	ITEM	PCS / BOX	SQM / BOX	BOX / PAL	SQM / PAL	KG / BOX	KG / SQM	KG / PAL
32x62,5	SWING	5	1,00	48	48	19,90	19,90	955

Brick Line

DECO

The Brick Line Collection proposes a highly sought-after play of lines and shapes. The decorative potential is endless, featuring a geometric-print base combined with the rectangular format of the free-form brick. The straight and parallel lines rotate and cross over each other, giving rise to herringbone, rhombuses, and various other regular geometries, inspired by certain mathematical figures.

This visual amalgamation is emphasised by the use of digital material, which is used to print delicate silver outlines onto the monochrome white background.



Brick Line White 11x33,15 / 4,3"x 13,1"



Brick Line White 11x33,15 / 4,3"x 13,1"



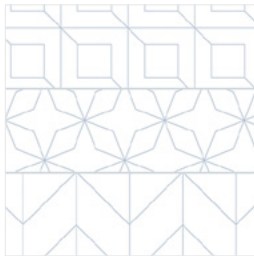
Brick Line White 11x33,15 / 4,3"x 13,1"



Brick Line White 33,15x33,15 / 13,1"x 13,1"



Brick Line White
11x33,15 / 4,3”x 13,1”



Brick Line White
33,15x33,15 / 13,1”x 13,1”

Brick Line

DECO



FROST-PROOF



CLASS

TECHNICAL DATA

COLOUR	BENDING ISO-10545-4	HARDNESS MOHS/EN-101	ABRASION-PEI ISO-10545-7	CRAZING ISO-10545-11	CHEMICAL ATTACK RESISTANCE (ISO-10545-13)				FROST R. ISO-10545-12	SLIP RESISTANCE DIN 51130-R	SLIP RESISTANCE UNE-ENV 12633	GROUP
					STAINS	CLEANING AGENTS	POOL ADDITIVES	ACIDS/BASES				
BRICK LINE WHITE	≥ 35	4	-	PASS	5	GA	GA	GLA/GHA	PASS	-	-	W

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PACKING LIST

SIZE	ITEM	PCS / BOX	SQM / BOX	BOX / PAL	SQM / PAL	KG / BOX	KG / SQM	KG / PAL
11x33,15	BRICK LINE	31	1,13	60	67,8	18,87	16,7	1132
33,15x33,15	BRICK LINE	12	1,32	48	63,6	22,04	16,7	1058

Bricktrend

DECO

The Bricktrend Collection features a three-tone base made up of soft shades of textured stone, enhanced by the small 8x33cm format, which creates a thinner, trendier line, as the name suggests.

The collection is completed with the addition of decorative bricks which match each of the base tones. Adorned with raised, classic motifs, engraved onto the stone itself and subtly worn down, for a romantic, timeless air.

Bricktrend is a reinterpretation of the brick as a design object, giving real added value to a space.



Deco Bricktrend Almond 8,15x33,15 / 3,2"x 13,1"



Deco Bricktrend Almond 8,15x33,15 / 3,2"x 13,1"



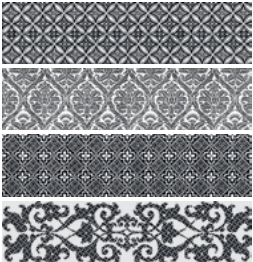
Deco Bricktrend Almond 8,15x33,15 / 3,2"x 13,1" - Bricktrend Almond 8,15x33,15 / 3,2"x 13,1"



Deco Bricktrend White 8,15x33,15 / 3,2"x 13,1" - Bricktrend White 8,15x33,15 / 3,2"x 13,1" - Bricktrend Grey 8,15x33,15 / 3,2"x 13,1"



Bricktrend White
8,15x33,15 / 3,2”x 13,1”



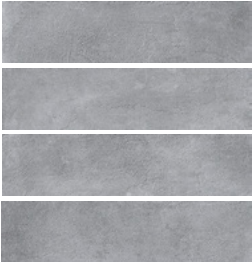
Deco Bricktrend White
8,15x33,15 / 3,2”x 13,1”



Bricktrend Almond
8,15x33,15 / 3,2”x 13,1”



Deco Bricktrend Almond
8,15x33,15 / 3,2”x 13,1”



Bricktrend Grey
8,15x33,15 / 3,2”x 13,1”



Deco Bricktrend Grey
8,15x33,15 / 3,2”x 13,1”

Bricktrend

DECO



FROST-PROOF



MATTE



SLIGHT
VARIATION

TECHNICAL DATA

COLOUR	BENDING ISO-10545-4	HARDNESS MOHS/EN-101	ABRASION-PEI ISO-10545-7	CRAZING ISO-10545-11	CHEMICAL ATTACK RESISTANCE (ISO-10545-13)				FROST R. ISO-10545-12	SLIP RESISTANCE DIN 51130-R	SLIP RESISTANCE UNE-ENV 12633	GROUP
					STAINS	CLEANING AGENTS	POOL ADDITIVES	ACIDS/BASES				
BRICKTREND WHITE	≥ 35	6	IV	PASS	5	GA	GA	GLA/GHA	PASS	R-9	1	C
DECO BRICKTREND WHITE	≥ 35	6	-	PASS	5	GA	GA	GLA/GHA	PASS	-	-	W
BRICKTREND ALMOND	≥ 35	6	IV	PASS	5	GA	GA	GLA/GHA	PASS	R-9	1	C
DECO BRICKTREND ALMOND	≥ 35	6	-	PASS	5	GA	GA	GLA/GHA	PASS	-	-	W
BRICKTREND GREY	≥ 35	6	IV	PASS	5	GA	GA	GLA/GHA	PASS	R-9	1	C
DECO BRICKTREND GREY	≥ 35	6	-	PASS	5	GA	GA	GLA/GHA	PASS	-	-	W

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PACKING LIST

SIZE	ITEM	PCS / BOX	SQM / BOX	BOX / PAL	SQM / PAL	KG / BOX	KG / SQM	KG / PAL
8,15x33,15	BRICKTREND / DECO BRICKTREND	46	1,24	54	66,96	20,71	16,7	1118

Artisan

DECO

A collection of reclaimed traditional hydraulic tiles, reminiscent of legendary buildings from times gone by. The worn appearance and natural imperfections give personality to the style, reflecting the natural beauty of craftsmanship.

The Artisan Collection is available in two neutral tones: Grey, in a range of cool colours, and Natural, full of warm shades that perfectly complement wood, stone, and cement. The tiles create unique combinations with traditional character, capturing a small piece of the history of hydraulic mosaic and transporting it directly into our interiors.



Artisan Natural 33,15x33,15 / 13,1" x 13,1"



Artisan Natural 33,15x33,15 / 13,1" x 13,1"



Artisan Natural / Gris 33,15x33,15 / 13,1"x 13,1"



Artisan Gris 33,15x33,15 / 13,1" x 13,1"



Artisan Gris 33,15x33,15 / 13,1" x 13,1"



Artisan Natural 33,15x33,15 / 13,1" x 13,1"



Artisan Natural 33,15x33,15 / 13,1" x 13,1"



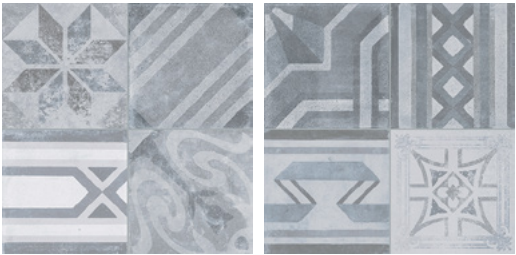
Artisan Gris 33,15x33,15 / 13,1" x 13,1"



Artisan Natural 33,15x33,15 / 13,1" x 13,1"



Artisan Gris 33,15x33,15 / 13,1" x 13,1"



Artisan Gris
33,15x33,15 / 13,1”x 13,1”



Artisan Natural
33,15x33,15 / 13,1”x 13,1”

Artisan

DECO



FROST-PROOF

TECHNICAL DATA

COLOUR	BENDING ISO-10545-4	HARDNESS MOHS/EN-101	ABRASION-PEI ISO-10545-7	CRAZING ISO-10545-11	CHEMICAL ATTACK RESISTANCE (ISO-10545-13)				FROST R. ISO-10545-12	SLIP RESISTANCE DIN 51130-R	SLIP RESISTANCE UNE-ENV 12633	GROUP
					STAINS	CLEANING AGENTS	POOL ADDITIVES	ACIDS/BASES				
ARTISAN GRIS	≥ 35	5	IV	PASS	5	GA	GA	GLA/GHA	PASS	R-9	C1	C
ARTISAN NATURAL	≥ 35	5	IV	PASS	5	GA	GA	GLA/GHA	PASS	R-9	C1	C

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PACKING LIST

SIZE	ITEM	PCS / BOX	SQM / BOX	BOX / PAL	SQM / PAL	KG / BOX	KG / SQM	KG / PAL
33,15x33,15	ARTISAN	12	1,32	48	63,36	22,04	16,7	1058

Mediterranean

DECO

The Mediterranean collection features stylish hydraulic porcelain tiles, the perfect ally for modern interior decoration. In addition to pairing perfectly with other materials, such as wood or cement, the tiles can be placed on floors and walls (covering the entire space or part of it, like a rug), and can even be used for kitchen or bathroom countertops and tables, for example.

The Mediterranean Collection is available in two finishes: Mix, colourful and fresh, and Black, for those seeking a more pared-down, elegant style.



Mediterranean Mix 33,15x33,15 / 13,1"x 13,1"



Mediterranean Mix 33,15x33,15 / 13,1"x 13,1"



Mediterranean Black / Mix 33,15x33,15 / 13,1"x 13,1"



Mediterranean Mix 33,15x33,15 / 13,1" x 13,1"



Mediterranean Black 33,15x33,15 / 13,1" x 13,1"



Artisan Natural 33,15x33,15 / 13,1" x 13,1"



Mediterranean Mix / Black 33,15x33,15 / 13,1"x 13,1"





Mediterranean Mix
33,15x33,15 / 13,1" x 13,1"



Mediterranean Black
33,15x33,15 / 13,1" x 13,1"

Mediterranean

DECO



FROST-PROOF

TECHNICAL DATA

COLOUR	BENDING ISO-10545-4	HARDNESS MOHS/EN-101	ABRASION-PEI ISO-10545-7	CRAZING ISO-10545-11	CHEMICAL ATTACK RESISTANCE (ISO-10545-13)				FROST R. ISO-10545-12	SLIP RESISTANCE DIN 51130-R	SLIP RESISTANCE UNE-ENV 12633	GROUP
					STAINS	CLEANING AGENTS	POOL ADDITIVES	ACIDS/BASES				
MEDITERRANEAN BLACK	≥ 35	5	IV	PASS	5	GA	GA	GLA/GHA	PASS	R-9	C1	C
MEDITERRANEAN MIX	≥ 35	5	IV	PASS	5	GA	GA	GLA/GHA	PASS	R-9	C1	C

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PACKING LIST

SIZE	ITEM	PCS / BOX	SQM / BOX	BOX / PAL	SQM / PAL	KG / BOX	KG / SQM	KG / PAL
33,15x33,15	MEDITERRANEAN	12	1,32	48	63,36	22,04	16,7	1058

Application groups & more

0149

	FROST-PROOF		MATTE		SLIGHT VARIATION		DO NOT INTERLOCK
	NON-SLIP		GLOSS		MODERATE VARIATION		DO NOT INTERLOCK MORE THAN 15%
	FLOOR TILES		LAPPATO		SUBSTANTIAL VARIATION		
	WALL TILES		GLOSSY MATTE				

GROUPS	CONDITIONS FOR LAYING TILES (PLACEMENT)	P.E.I.	Mohs	OBSERVATIONS
	RECOMMENDED FOR MODERATE TO LOW FOOT TRAFFIC. SUITABLE FOR BEDROOMS AND/OR BATHROOMS IN HOUSES (AVOID ANY KIND OF ABRASSION).	I - II - III	4	
	SUITABLE FOR MODERATE TO LOW FOOT TRAFFIC, E.G. MOST ROOMS IN THE HOUSE, EXCEPT FOR KITCHENS OR AREAS WITH DIRECT ACCESS TO OUTSIDE.	II - III	5	
	FLOORING RECOMMENDED FOR MODERATE FOOT TRAFFIC. SUITABLE FOR ANY ROOM IN THE HOUSE, INCLUDING THE KITCHEN OR ENTRANCE HALL.	II - III	5 - 6	
	FLOORING SUITABLE FOR HEAVY FOOT TRAFFIC, E.G. ENTRANCES WITH DIRECT ACCESS TO OUTSIDE, ALL ROOMS IN THE HOUSE, AND PROFESSIONAL OFFICES.	IV	5 - 6	SUITABLE MEANS MUST BE INSTALLED (DOORMATS, ETC.) IN ORDER TO PREVENT DAMAGE FROM ABRASIVE ELEMENTS
	FLOORING SUITABLE AND RECOMMENDED FOR AREAS WITH VERY HEAVY FOOT TRAFFIC, E.G. COMMERCIAL APPLICATIONS, BUILDING ENTRANCES AND CORRIDORS.	IV - V	7 - 8	SUITABLE MEANS MUST BE INSTALLED (DOORMATS, ETC.) IN ORDER TO PREVENT DAMAGE FROM ABRASIVE ELEMENTS
	FLOOR TILES ONLY SUITABLE FOR OPEN (ROOFLESS) EXTERIORS (WHERE THERE IS A RISK OF WATER) LAYING INDOORS IS NOT RECOMMENDED IN ANY CASE.	III - IV - V	7 - 8	THE "ANTI-SLIP" REQUIREMENT IS NECESSARY
	WALL TILES ONLY SUITABLE AS WALL COVERINGS.	NOT APPLICABLE	NOT APPLICABLE	APPLIES TO ALL POROUS MODELS, SOME DECORATED MODELS AND PORCELAIN WALLS

NOTES

Abbreviations: GT = High traffic; E = Exteriors; W = Walls

If a model has a combination that can be defined as two distinct groups (e.g. III-5, could be Group B or Group C), the Technical Director will be responsible for defining to which laying group the model belongs to, depending on the type of model and its aesthetic characteristics.

When generating a model where the PEI-MOHS combination is not included in the definitions of this table, the Technical Director will define the placement group to which it belongs.

(*) The inclusion in groups D and GT is only guaranteed if suitable means are installed in the areas with direct access to the exterior to prevent damage from abrasive elements.

FOR SPECIAL REQUESTS, PLEASE CONTACT THE FACTORY.

FORMAT / THICKNESS		BUILDING TECHNICAL CODE (UNE ENV 12633)		DIN 51130		CTE-12633	
8,15x33,15 / 3,2"x13,1"	7,5 mm	CLASS 1	DRY INDOOR AREAS, GRADE < 6%	ANGLE	R	ANGLE	CLASS
11x33,15 / 4,3"x13,1"	7,5 mm	CLASS 2	DRY INDOOR AREAS, GRADE > 6% WET INDOOR AREAS, COVERED TERRACES, LOCKER ROOMS, SHOWERS, TOILETS , KITCHENS, ETC.	6° - 10°	R9	< 15°	0
33,15x33,15 / 13,1"x13,1"	7,5 mm			10° - 19°	R10	15° - 35°	1
32x62,5 / 12,6"x24,6"	9 mm			19° - 27°	R11	35° - 45°	2
MURO 32x62,5 / 12,6"x24,6"	11 mm	CLASS 3	AREAS WITH WATER , GREASE, LUBRICANT, ETC. WET INDOOR AREAS, GRADE > 6% OUTDOOR, SWIMMING POOLS	27° - 35°	R12	> 45°	3
20,2x66,2 / 8"x26,1"	10 mm			> 35°	R13		
40,8x66,2 / 16,1"x26,1"	9,5 mm						
15x90 / 5,9"x35,5"	11 mm						

Installation advice & information

0151

GENERAL GUIDELINES FOR LAYING TILES IN INTERIORS

1. Prior to laying the tiles, it is essential that the supporting surface has completely set, meaning that it is dry and hard and has finished shrinking, in order to avoid the appearance of bubbles or cracks due to the lack of stability.

2. Before placing the tiles, check the quality, tone and thickness of each piece to ensure that it is free from any visible defect. For a greater decorative effect, mix pieces from various different boxes. Handle the pieces carefully to avoid smudging or chipping the edges of the tiles.

3. Do not wet or submerge the pieces in water before placing and do not use traditional adhesive (thickly laid adhesive). Apply a thin layer of C2 fast-drying adhesive (norm EN12.004) using a toothed trowel to place the piece. For large pieces (with one side over 40 cm in length) use the double adhesive method. Always follow the adhesive manufacturer's guidelines closely: method, time and amount of water to be mixed, time available to place the piece, etc.

4. Joints of at least 1.5mm should be used to lay the tile. Ensure that the adhesive has completely hardened before rounding off. Fill the joint with filler in order to prevent leakage. Do not use glue adhesive, grout or any kind of adhesive-based joint.

5. If you wish to link pieces, do not overlap for any more than 15% of the longest side of the piece (for example, for 12.8x65 pieces, do not link more than 15% \approx 10 cm.)

6. If you have to carry out additional construction, the paving must be protected in order to avoid scratches from any abrasive material.

7. To alter the installation or rounding-off of the tiles, remove any remaining adhesive or filler with a product designed for this purpose (residue remover), following the manufacturer's guidelines. Before using a chemical product, we always recommend that you do a patch test on a piece of the tile that is not visible.

8. For daily tile cleaning, just use hot water and a domestic detergent. Do not use harsh cleaning products or products that contain acid, especially hydrochloric acid or hydrofluoric acid.

PLACEMENT AND MAINTENANCE OF SPECIAL PIECES

Our catalogue includes a range of special pieces that are not made from ceramics. These include marble, glass, metal, resin, etc. Pay special attention to the placement and cleaning guidelines included in the box containing these pieces. For these pieces, do not use harsh cleaning materials (scouring pad, hydrochloric acid or other products that contain acid).

TYPE OF STAIN	RECOMMENDED DETERGENT
<ul style="list-style-type: none">• vegetable and animal fat• beer, wine, ice cream, coffee• flaxseed oil	Alkaline based: <ul style="list-style-type: none">• caustic soda• potash
<ul style="list-style-type: none">• vats, lime deposits• rust stains• felt tip pens, marker	Acid based: <ul style="list-style-type: none">• hydrochloric acid• sulphuric acid• nitric acid• oxalic acid
<ul style="list-style-type: none">• mechanical oils• glue, tyre glue• resins or enamels, enamel waxes	Solvents: <ul style="list-style-type: none">• triline• turpentine• nitro thinner• acetone
<ul style="list-style-type: none">• everyday cleaning	Ordinary detergents

NOTE: Do not use cleaning agents which contain hydrofluoric acid.

OUTDOOR INSTALLATION

Take special care when placing exterior tiles: it is important to follow both the general requirements and the specific guidelines for exterior placing. If the placing is being done in an area where there is a RISK OF FROST, only lay PORCELAIN tiles. Do not lay stoneware or red or white stucco under any circumstances. The following guidelines must be followed in all cases.

- 1. When placing paving, a minimum gradient of 2% is necessary for the evacuation of water. It is also necessary to install a drainage layer underneath the tiles.
- 2. Use C2 fast drying adhesive (according to the norm EN 12.004). Place the pieces using the double adhesive method; make sure you fill it correctly to avoid gaps beneath the pieces.
- 3. Use joints of at least 5 mm. Use a joiner made specifically for exteriors (like CG2, according to norm EN 12.004).
- 4. Respect the structural and perimeter joints. Place expansion joints every 10-20 m2.
- 5. Pay special attention to areas where the tile meets other materials, such as columns, walls, railings, etc., placing joints where necessary to prevent water leakage.

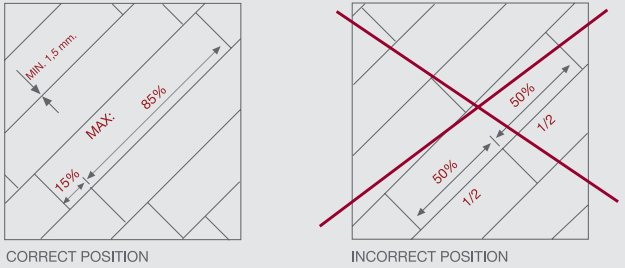
LAYING PORCELAIN TILES

Although the guidelines for laying rectified porcelain tile are the same as for every kind of tile, rectified porcelain material is particularly delicate, especially around the edges. It is therefore very important that, as well as following the general guidelines, you also pay particular attention to the following:

- 1. It is very important that the supporting surface is flat. The surface upon which the tiles are to be placed should have been levelled.
- 2. Handle the material carefully to avoid smudging or chipping the edge of the tiles.
- 3. Do not submerge the tiles in water as the humidity could cause changes to its surface. Use a thin layer of adhesive (type C1 for interiors and type C2 for exteriors – according to EN 12.004).
- 4. Always use a joint with a minimum width of 1.5mm.
- 5. If you wish to link pieces, do not overlap any more than 15% of the length of the piece.

PLACING REQUIREMENTS

The use of a minimum joint width of approx. 1.5mm is required. We recommend that joints are laid in a staggered format, with a maximum overlap of 15% of the length of the piece.



MODULUS OF RUPTURE - UNE - EN ISO 10545-4

The flexion resistance test consists of subjecting a whole tile to three-point loading, with the centre point in contact with the glazed face. It is expressed in Newtons per mm2.

SCRATCH RESISTANCE (MOHS) - EN - 101

The sample is placed in an autoclave and subjected to a pressure of 5 kg/cm for two hours. If the glazed surface does not crack after one cycle, the product is considered to have passed.

CRACKING RESISTANCE - UNE - EN ISO 10545-11

The sample is placed in an autoclave and subjected to a pressure of 5 kg/cm2 for two hours. If the glazed surface does not crack after one cycle, the product is considered to have passed.

RESISTANCE TO CHEMICAL ATTACK - UNE - EN ISO 10545-13

To test the resistance to chemical attack from certain household cleaning products and swimming pool additives, the piece is subjected to solutions of such substances for 24 hours, and then examined for any change in appearance. The results are classified from high to low, according to the following classes: GA - GB - GC.

To test the acid and base resistance, the piece is subjected to solutions of Hydrochloric Acid, Citric Acid and Potassium Hydroxide for 4 days and then examined for any change in appearance. The results are classified from high to low, according to the following classes: GLA - GLB - GLC or GHA - GHB - GHC, depending on the remaining concentrate of the applied solutions.

STAIN RESISTANCE - UNE - EN ISO 10545-14

To test stain resistance, solutions of Iodine, light-coloured oil and olive oil are applied to the piece and allowed to dry for 24 hours. Then, the piece is cleaned, and its surface is examined for any change in appearance. Stain results are classified from high to low on a scale of 5 – 4 – 3 – 2 – 1, with a minimum admissible value of 3.

FROST RESISTANCE - UNE - EN ISO 10545-12

The test consists of subjecting ten tiles of the same type, soaked in water, to a continuous icing – de-icing process of at least 100 cycles, at temperatures ranging from +5°C to -5°C, without the pieces being damaged.

WEAR RESISTANCE (PEI) - UNE - EN ISO 10545-7

To test the resistance to wear, or PEI rating, 8 pieces measuring 10x10cm have their enamelled surface subjected to an abrasive solution comprising a mixture of different-sized metal balls, corundum sand and distilled water. The pieces are rotated by revolutions of between 100 and 12000 turns and, depending on when wear becomes visible, the tiles are classified as follows:

PEI	No. of rotations	Observations
PEI 0	100 rotations	Visible Wear
PEI I	150 rotations	Visible Wear
PEI II	600 rotations	Visible Wear
PEI III	750-1500 rotations	Visible Wear
PEI IV	2100-12000 rotations	Visible Wear
PEI V	>12000 rotations	Visible Wear

The higher the PEI, the more resistant the tile to abrasive agents.

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