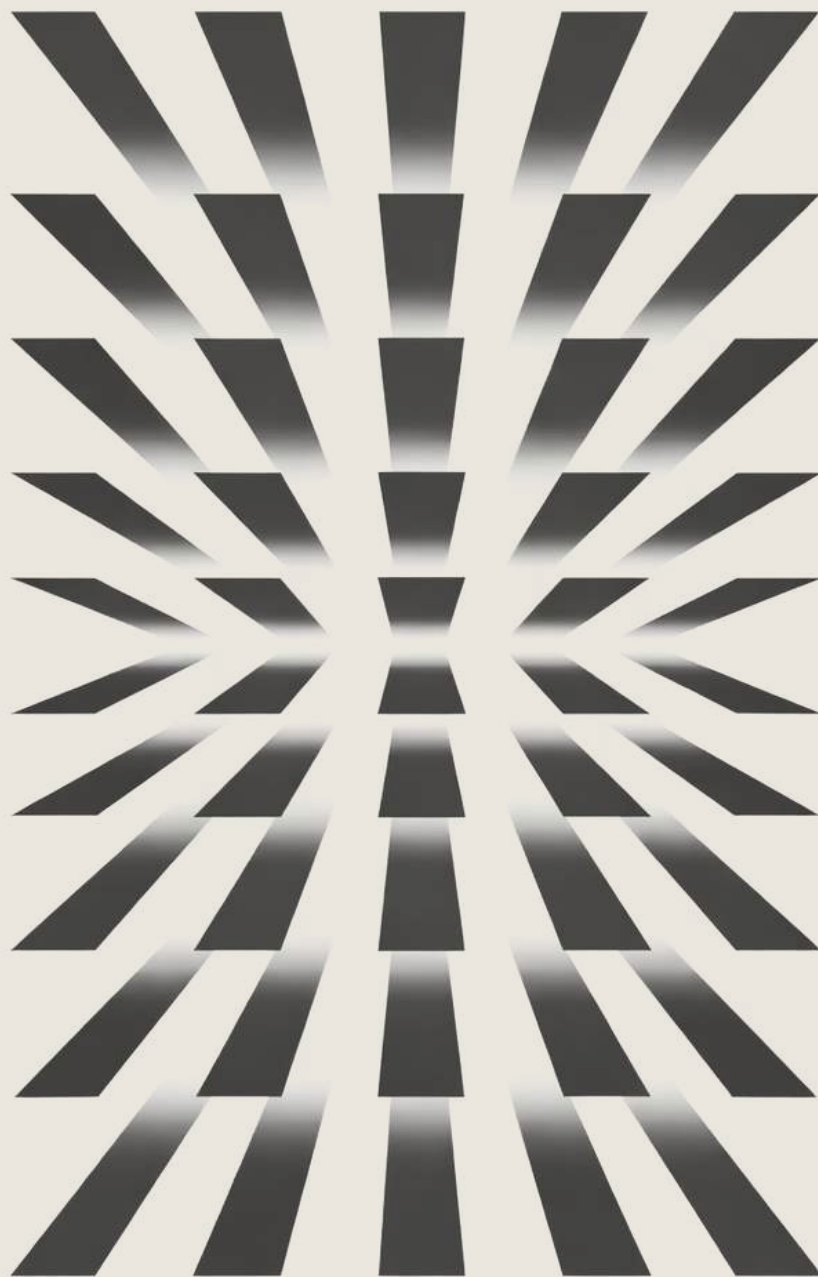




A SURFACE THAT TURNS
SIMPLICITY **INTO LUXURY**

VELVET TOUCH

1200X1800MM
9MM | 15MM THICKNESS

**SOFTNESS
YOU CAN SEE LUXURY,
YOU CAN FEEL.**

**WHERE EVERY SURFACE WHISPERS
QUIET ELEGANCE**

The Velvet Touch Collection brings a new dimension of luxury to modern surfaces. Soft to the eye and smoother to the touch, each tile is crafted to deliver a refined matte elegance with a subtle, velvety sheen.

Designed for interiors that value calmness, depth, and sophistication, this collection blends tactile comfort with contemporary visual purity. Experience surfaces that feel as beautiful as they look.



VELVET TOUCH

DESIGNED TO SOOTHE YOUR SENSES AND ELEVATE YOUR SPACE

Crafted with ultra-fine surface technology, these tiles recreate the gentle softness of velvet while maintaining the durability of premium ceramic. The finish diffuses light to create a soothing, warm ambience.

The fine tactile surface elevates the experience of touch and light. With every step and every glance, the tile offers a sensory richness that defines contemporary luxury.

CRAFTED FOR
INTERIORS **THAT BREATHE**
CALM AND COMFORT





VELVET TOUCH

VELVET SMOOTH. TIMELESSLY REFINED.

Perfect for bedrooms, living spaces, boutiques, and luxury hotels, Velvet Touch tiles deliver timeless aesthetics without compromising performance. Stain-resistant, easy to maintain, and crafted for long-lasting beauty.

ELEVATE YOUR SPACE WITH A TOUCH OF VELVET

A TOUCH YOU CAN FEEL

A NEW ERA OF TILE
CRAFTSMANSHIP THAT BLENDS
TOUCH, TEXTURE, AND
TRANQUILLITY

The fine tactile surface elevates the experience of touch and light. With every step and every glance, the tile offers a sensory richness that defines contemporary luxury.

A FINISH SO SOFT
IT **TRANSFORMS**
INTERIORS INTO
SERENE SANCTUARIES





TRUE ELEGANCE LIES
IN **THE DETAILS** YOU CAN BOTH
SEE AND FEEL



Velvet Touch | Size 1200x1800mm

Velvet Touch is more than a tile series it's an experience of refined sophistication. With surfaces that echo the charm of soft textures and the strength of enduring craftsmanship, this collection transforms every space into a haven of understated luxury.



AVIRA BEIGE



ENDLESS BURBERRY
TAUPE



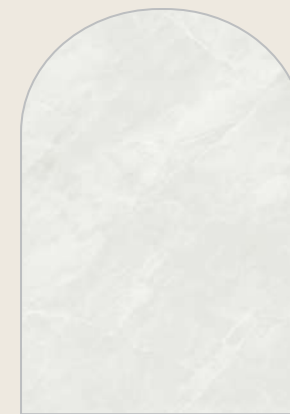
ENDLESS CAMELOT
CREMA



ENDLESS DENVER
ICE



CALACATTA AVERIO



ENDLESS DOVER
BIANCO



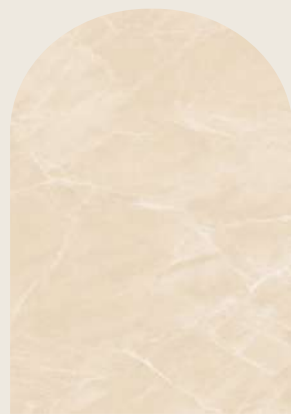
ENDLESS PRISMA
WHITE



ENDLESS CRONOS
BIANCO



ENDLESS DOVER
BIANCO



ENDLESS DOVER
CREMA



ENDLESS DOVER
TAUPE



ENDLESS ELBERO
TAUPE



ENDLESS CRYSTAL
ONXY



ENDLESS FLEX
GOLD



ONYX MISTY



ENDLESS DOVER
CREMA



ENDLESS EPROSS
NATURAL



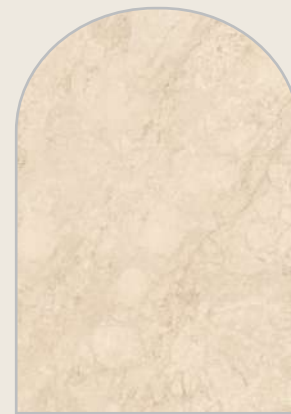
ENDLESS FOREST
TAUPE



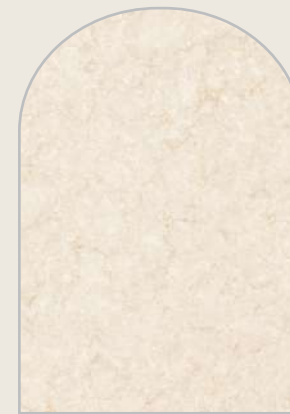
ENDLESS ORION
BEIGE



ENDLESS TESSINO
VERDE



ENDLESS NICOLE
BEIGE



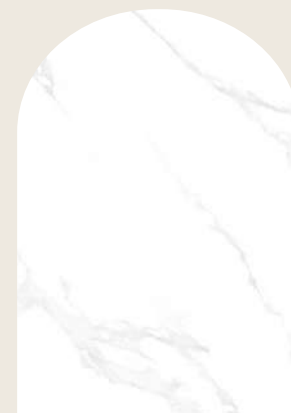
ENDLESS HELGA
CREMA



ENDLESS COLBERT
ICE



ONYX MISTY



STATUARIO
ORACLE

9MM
THICKNESS

15MM
THICKNESS

Touch & Discover
Your Ideal Match



PRODUCT RANGE



Crafted with effortless finesse, this design celebrates the art of subtle beauty. Its refined presence enhances interiors with a calm, enduring sense of sophistication.

Inspired by serene living, this design blends purity and elegance to create spaces that feel balanced, warm, and harmoniously inviting.

Shaped with thoughtful precision, this design carries a quiet charm that enriches every corner. Its gentle textures bring depth without distraction.





AVIRA BEIGE

This design brings a calm sophistication that turns every room into a statement of refined grandeur.



Designed with poetic restraint, this surface brings a soothing presence to interiors, creating spaces that feel calm, collected, and beautifully refined.

Defined by quiet strength and gentle beauty, this design enhances interiors with a stable, balanced presence that endures through time.

Crafted for those who appreciate subtle artistry, this design turns everyday spaces into serene expressions of style and sophistication.





ENDLESS BURBERRY TAUPE

With its serene presence and commanding beauty, this design reshapes spaces into luxurious retreats.



A fusion of subtle charm and modern clarity, this design elevates rooms with a serene elegance that lingers softly in every detail.

Guided by timeless aesthetics, this design shapes interiors into places of quiet sophistication, offering a balance that feels natural and enduring.

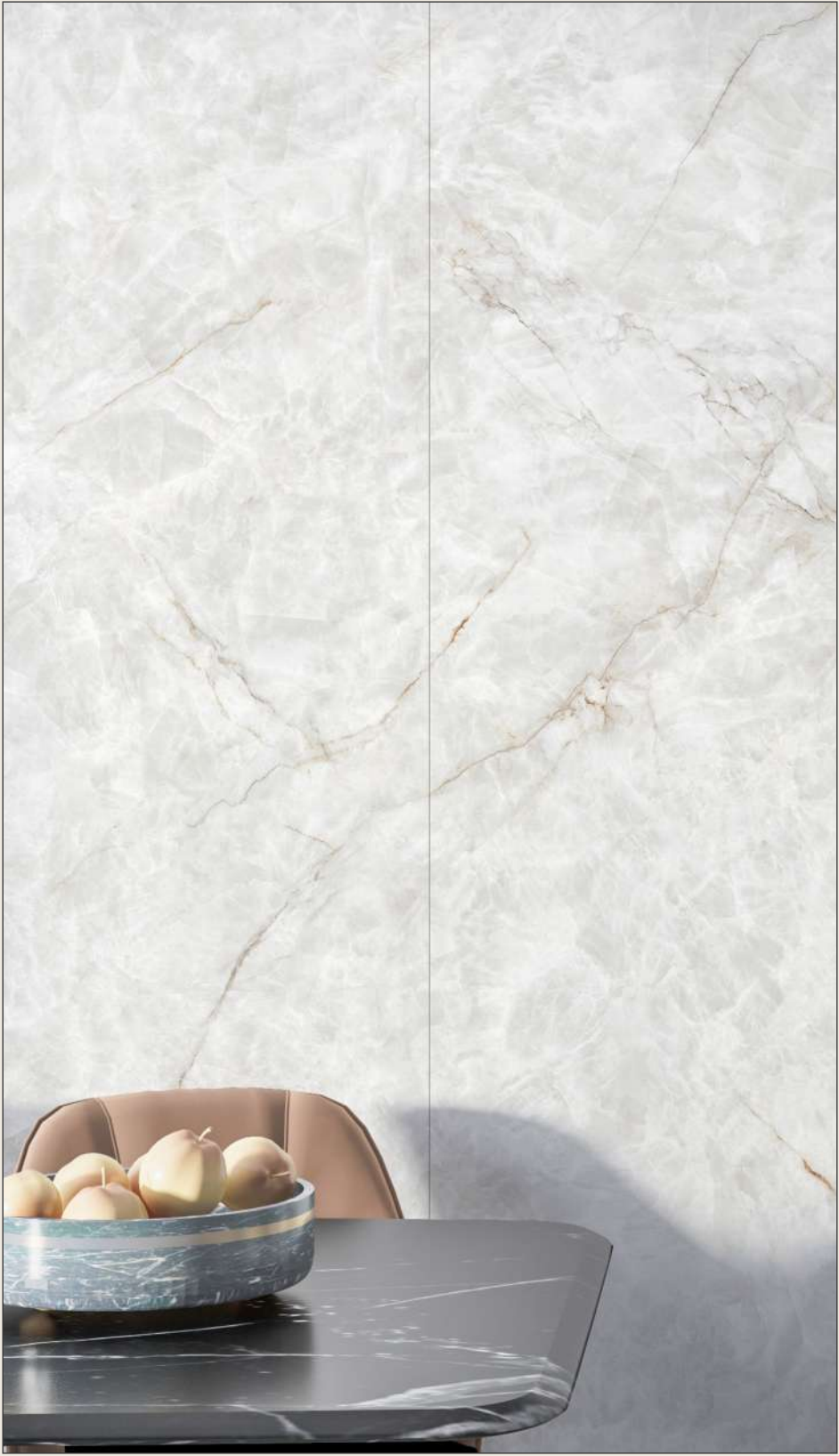
With its gentle textures and graceful appeal, this design adds depth without distraction, enriching spaces with an effortless sense of harmony.





ENDLESS CAMELOT CREMA

This creation introduces a graceful depth, giving interiors a sense of peaceful authority.



Shaped with a delicate touch, this design brings clarity and composure to interiors, transforming them into spaces of peaceful elegance.

Crafted for serene living, this design infuses modern spaces with a warmth that feels both understated and undeniably luxurious.

Soft yet expressive, this design carries a refined character that enhances every environment with calm, confident beauty.





ENDLESS DENVER ICE

Defined by its gentle yet striking allure, this design enhances spaces with a refined grandeur.



Designed with enduring elegance, this surface blends subtle texture with refined simplicity. Its calm presence enriches interiors with a timeless sense of grace.

Inspired by modern serenity, this design brings a gentle sophistication to every room. Its understated beauty creates a space that feels naturally elevated.

Crafted with delicate precision, this design enhances spaces without overpowering them. Its soft tones and balanced character create an atmosphere of quiet refinement.





ENDLESS DOVER BIANCO

Its balanced character brings a soothing power, transforming rooms into timeless expressions of style.



Born from a pursuit of refined simplicity, this design elevates interiors through its soft, graceful character leaving a lasting impression of timeless elegance.

With an aura of effortless luxury, this design adds a sophisticated mness to any room. Its understated details speak volumes through their gentle refinement.

A perfect harmony of texture and tone, this design infuses spaces with a natural elegance that feels both modern and eternal.





ENDLESS DOVER CREMA

A harmony of softness and strength, this design elevates interiors with quiet, enduring elegance.



A celebration of subtle craftsmanship, this design brings warmth and depth to interiors. Its refined details shape spaces into expressions of lasting beauty.

Guided by a philosophy of graceful minimalism, this design adds a serene clarity to any space. Its gentle harmony transforms rooms into elegant retreats.

Blending natural charm with poised elegance, this design speaks through soft textures and calm tones. Every detail works together to create a space of peaceful luxury.





ENDLESS DOVER TAUPE

A blend of purity and prestige, this design adds a confident calmness to every environment.

ENDLESS ELBERO TAUPE

Size: 1200x1800mm Thickness: 9mm Random: 04



Made with an eye for timeless aesthetics, this design enriches interiors with effortless sophistication. Its balanced form and subtle presence bring lasting harmony.

Thoughtfully crafted, this design unites softness and sophistication with effortless charm. Its refined details create spaces that feel calm, timeless, and beautifully composed.

Made to reflect quiet refinement, this design elevates interiors with its gentle presence. Its understated beauty adds a serene, lasting elegance to any room.





Soft in essence yet rich in impact, this design brings a tranquil strength to any setting.



A blend of subtle textures and graceful hues, this design enhances spaces with natural warmth. Its balanced character brings depth without ever overwhelming.

Created with a focus on pure elegance, this design breathes calm into modern interiors. Its smooth expression transforms everyday spaces into serene experiences.

Rooted in simplicity and grace, this design enriches rooms with a poised, welcoming aura. Its delicate tones create an atmosphere of harmony and effortless style.





Crafted with enduring finesse, this design creates interiors that feel both soothing and majestic.



With soft textures and calm detailing, this design inspires a sense of effortless refinement. Its quiet confidence enriches every space with timeless charm.

A blend of gentle tones and refined artistry, this design creates a peaceful visual balance. Its soothing character transforms spaces into havens of calm beauty.

Crafted to bring subtle depth, this tile adds a serene rhythm to interiors. Its graceful presence enhances the room with understated elegance.





ENDLESS FOREST TAUPE

Rooted in simplicity yet rich in detail, this tile elevates interiors with pure sophistication.



Crafted with subtle intention, this design enriches interiors with quiet sophistication. Its gentle presence creates spaces that feel warm, calm, and beautifully refined.

A vision of pure elegance, this design brings serene depth to modern spaces. Its soft tones and graceful detailing create an atmosphere of lasting harmony.

Shaped by timeless aesthetics, this design adds character through delicate simplicity. Its refined textures elevate interiors with a soothing, natural charm.





ENDLESS ORION BEIGE

With its graceful depth and subtle strength, this design transforms spaces into timeless expressions of luxury.



Thoughtfully balanced, this design enhances rooms with effortless beauty. Its understated appeal brings a calm rhythm that feels both modern and enduring.

Inspired by nature’s gentle harmony, this design introduces a peaceful flow into interiors. Its subtle detailing offers a serene backdrop for elevated living.

With poised elegance and soft expression, this design brings clarity and warmth to every space. Its gentle sophistication creates an environment of refined comfort





ENDLESS TESSINO VERDE

Soft in expression yet powerful in impact, this design turns any space into a sanctuary of graceful luxury.

ENDLESS COLBERT ICE

Size: 1200x1800mm Thickness: 9mm Random: 03



With refined textures and a soft visual rhythm, this design adds a sense of quiet luxury. Its gentle charm shapes interiors into spaces of enduring beauty.

Crafted for those who appreciate subtle artistry, this design brings a calm confidence to every corner. Its natural appeal creates a balanced, sophisticated environment.

A harmony of gentle lines and serene tones, this design supports interiors with peaceful refinement. Its elegant simplicity leaves a lasting impression of grace.





ENDLESS COLBERT ICE

This design brings a soothing elegance that reshapes rooms into harmonious spaces of subtle power.



A blend of refined texture and soft luxury, this design shapes spaces with natural depth. Its calm presence makes every room feel serene and beautifully put together.

This design offers an atmosphere of calm elegance. Its understated style ensures interiors remain timeless,

Crafted to embody elegance, this design fills interiors with depth and serenity. Its universal charm makes every space a timeless expression of beauty.





ONYX MISTY

This design brings a calm sophistication that turns every room into a statement of refined grandeur.



Defined by smooth textures and serene colour play, this design brings clarity and harmony to interiors. Its soft appeal creates spaces that feel both modern and tranquil.

With a touch of artistic subtlety, this tile shapes rooms into expressions of graceful luxury. Its refined character flows seamlessly through every corner.

Balanced tones and delicate movements make this design a symbol of quiet elegance. Its presence adds depth without overwhelming the space.





STATUARIO ORACLE

A perfect union of calm hues and minimalist beauty, this tile enriches interiors with gentle sophistication.

A MONUMENT OF **STRENGTH**
AND STYLE, ENGINEERED IN **15MM** TO REDEFINE
LARGE-FORMAT LUXURY

Crafted for modern architecture and high-performance design, this 15mm thick slab in 1200×1800 mm size delivers exceptional strength, stability, and timeless visual elegance.

15MM
THICKNESS



These designs are now upgraded to a 15mm thickness, giving each surface superior strength, stability, and long-lasting performance.

EXPERIENCE THE SCALE OF
MODERN ARCHITECTURE IN A 15MM
BODY BUILT FOR **A LIFETIME**





Crafted with quiet artistry, this design brings a gentle refinement to interiors. Its soft details create spaces that feel serene, balanced, and effortlessly graceful.

A harmony of subtle tones and refined textures, this design elevates any room with ease. Its understated beauty leaves a lasting impression of calm sophistication.

Guided by a sense of timeless elegance, this design enhances spaces with natural depth. Its gentle presence brings warmth, clarity, and enduring charm.





CALACATTA AVERIO

Designed for those who value refined beauty, this surface blends gentle whites with confidently defined veining.



Defined by quiet beauty and graceful balance, this design enriches spaces with timeless appeal. Its soft tones create lasting comfort and elegant restraint.

Crafted with refined subtlety, this design brings a gentle elegance to interiors. Its smooth presence creates spaces that feel calm, balanced, and beautifully composed.

A blend of quiet charm and natural sophistication, this design enriches every room. Its thoughtful detailing adds depth while maintaining serene simplicity.





Defined by its continuous white harmony, Bianco elevates spaces with effortless refinement.

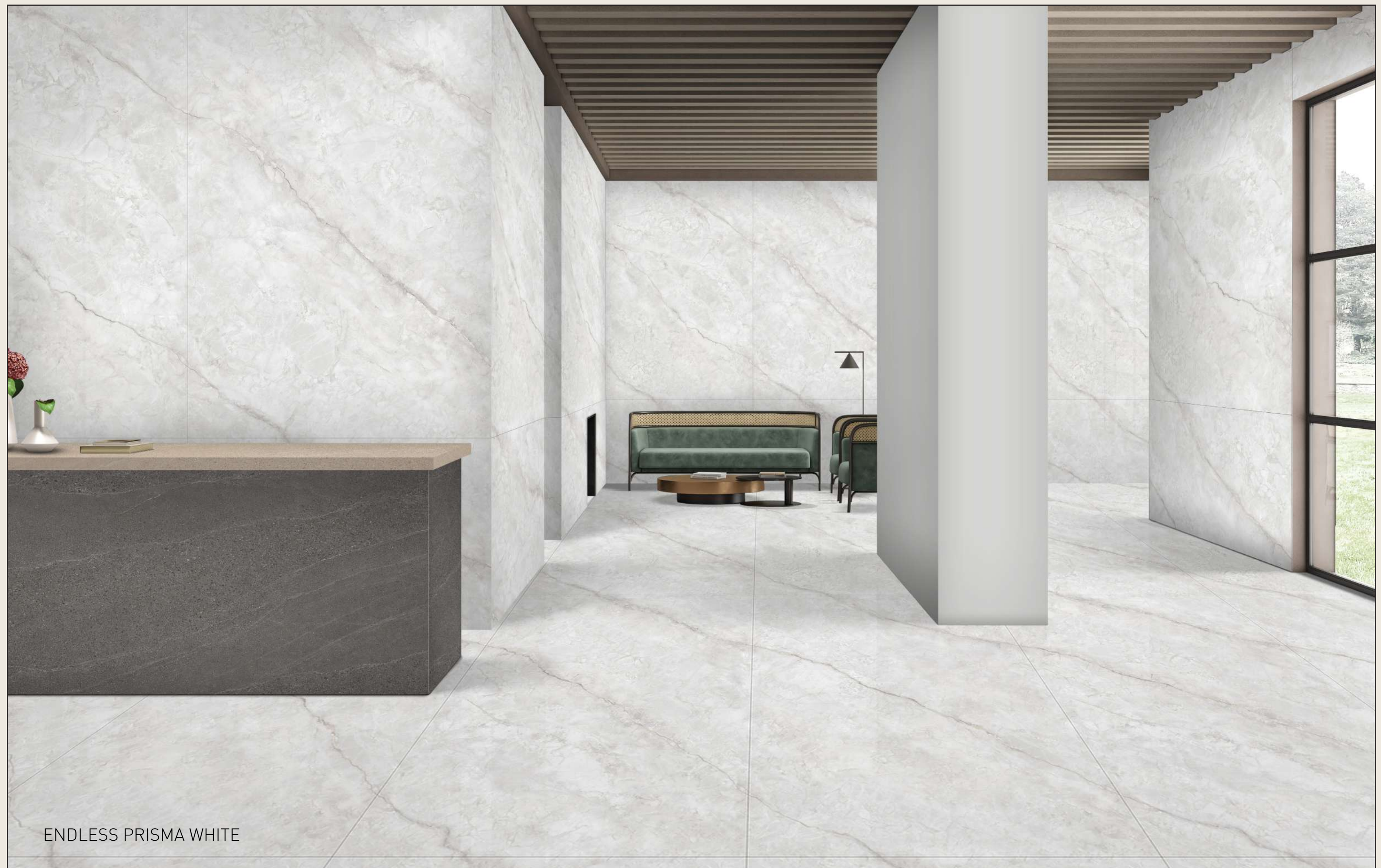


Created to celebrate minimal beauty, this design fills rooms with refined clarity. Its subtle warmth adds a harmonious touch that feels both modern and enduring.

A fusion of delicate texture and graceful tone, this design enhances interiors with effortless charm. Its understated luxury creates a peaceful, inviting ambiance.

Thoughtfully crafted, this design brings a soft sophistication to every space. Its natural appeal offers a timeless sense of balance and comfort.





ENDLESS PRISMA WHITE

A blend of serenity and bold presence, this design shapes rooms into expressions of quiet luxury.



Thoughtfully shaped, this design introduces a soothing rhythm to interiors. Its refined simplicity transforms rooms into havens of peaceful luxury.

Rooted in graceful minimalism, this design blends purity with quiet strength. Its soft character enriches interiors with a subtle yet memorable presence.

A celebration of refined balance, this design adds depth through gentle nuance. Its elegant tones bring harmony and comfort into every space.





ENDLESS CRONOS BIANCO

Created for interiors that celebrate sophistication, this design pairs serene white tones with expressive natural lines.



With its poised textures and calm expression, this design creates an atmosphere of effortless elegance. Its refined details uplift interiors with subtle sophistication.

Inspired by serene living, this design infuses rooms with gentle warmth. Its understated charm creates a refined backdrop for modern comfort.

Crafted with delicate precision, this design brings a soft luxury to interiors. Its natural appeal adds harmony without ever calling for attention.





ENDLESS CRYSTAL ONXY

Made for those who admire modern grace, this surface combines soft white hues with bold, nature-inspired patterns.



Crafted with a focus on purity and balance, this design elevates rooms through gentle refinement. Its calming tones create a space that feels composed and naturally elegant.

A quiet celebration of elegance, this design brings a soft radiance to interiors. Its delicate detailing enriches spaces with a soothing, sophisticated presence.

With its graceful simplicity, this design introduces a peaceful rhythm to interiors. Its refined textures bring warmth and depth in the most effortless way.





ENDLESS FLEX GOLD

Refined for those who appreciate subtle drama, this design contrasts gentle whites with elegant, powerful veining.



Rooted in refined simplicity, this design adds an elegant stillness to interiors. Its gentle presence enriches rooms with a calm and lasting beauty.

With its poised expression and subtle depth, this design creates a serene harmony. Its quiet sophistication makes every room feel thoughtfully composed.

A gentle interplay of elegance and purity, this design enhances spaces with graceful restraint. Its soft tones bring an atmosphere of calm, warmth, and quiet luxury.





ONYX MISTY

This refined creation brings a calm strength to interiors, elevating every space with graceful sophistication.



Inspired by timeless refinement, this design offers a calm, elegant backdrop. Its graceful tones create an atmosphere that feels warm, inviting, and enduring.

Shaped by gentle textures and soft hues, this design enhances spaces with poised beauty. Its understated character brings harmony to both modern and classic interiors.

Designed for serene living, this surface blends subtle luxury with effortless clarity. Its balanced expression turns any room into a space of graceful comfort.





ENDLESS DOVER CREMA

Inspired by timeless artistry, this surface blends pure whites with strong, beautifully flowing veining.



A harmony of soft tones and delicate textures, this design enriches rooms with natural elegance. Its understated charm brings warmth and a sense of lasting tranquility.

Inspired by graceful simplicity, this design elevates interiors with quiet confidence. Its refined presence transforms spaces into serene expressions of style.

Shaped by timeless sensibilities, this design offers a soothing visual rhythm. Its gentle details add depth while preserving a calm, elegant atmosphere.





Its velvet-like texture absorbs and reflects light with balance, creating an impression of pure elegance.



A harmony of softness and sophistication, this design transforms interiors with subtle beauty. Its measured elegance makes every space feel timeless and thoughtfully curated.

Rooted in calm sophistication, this design offers depth through gentle nuance. Its understated appeal shapes interiors into environments of quiet luxury.

Crafted with serene precision, this design brings a gentle sophistication to interiors. Its subtle character creates spaces that feel effortlessly refined and beautifully balanced.





ENDLESS HELGA CREMA

Its refined surface radiates a graceful brilliance, revealing the true art hidden within simplicity.

TILE-LAYING, CLEANING AND CARE RECOMMENDATIONS

1 CHECK THE PRODUCT AGAINST THE DELIVERY NOTE

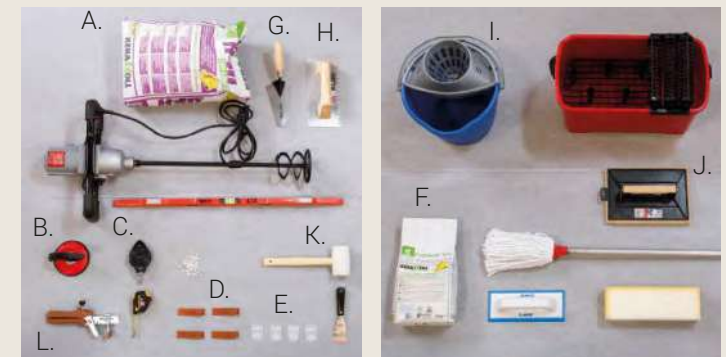
It is important to check that the product you have received corresponds to what you ordered. To facilitate this process, we provide a series of references on the tops of the boxes so you can verify the following information:



2 PREPARE THE MATERIALS YOU NEED

To lay ceramic tiles correctly you will need a set of tools to facilitate the process, which are listed below:

- A. Adhesive cement: This should have an adherence capacity of C-2, which is suitable for laying porcelain tiles with a water absorption of less than 0.5% (BLA group, UNE-EN 14411 ISO13006)
- B. Suction tile lifters. These will help you to handle the tiles
- C. Manual leveller, chalk reel and tape measure for taking measurements
- D. Levelling wedges
- E. Tile spacers
- H. 10 mm toothed trowel
- J. Cleaning trowel
- K. Flexible rubber mallet; not a rigid one
- F. Grouting material
- G. Palette
- I. Bucket, mop and sponge
- L. Adjustable pulling clamp



3 WALLS FIRST

You should start with the walls in order to avoid any potential damage to the flooring. Make sure you leave enough space for laying the flooring afterwards.

4 CHECK THE SURFACE LEVEL

The base of the floor slab or support upon which you are going to lay the tiles should be even so there are no gaps between the support and the back of the tile. However, during the curing process of the adhesive cement, small gaps or imperfections can appear between the tiles so we recommend you use levelling mortar, also known as self-levelling mortar.



CHECK THE LEVEL

5 CHECK THAT THE SURFACE IS FREE FROM DUST

You should also remove any other material such as leftover cement, lime scale, etc. The surface must be completely free from dust, grease and moisture.

6 SET A GUIDELINE



SET THE GUIDELINE

The guideline should be parallel to the floor line. This will help you to lay the first tiles and means you will be able to make the most productive use of the tiles you have available.

8 CHOOSE THE LAYOUT OF THE TILES



CHOOSE THE LAYOUT OF THE TILES

All our tile collections have individual designs. We recommend that you lay them out flat before starting to install them to make sure that the different designs match up with their neighbouring tiles. The results can be amazing!

9 CHOOSE THE ADHESIVE CEMENT ACCORDING TO THE INSTRUCTIONS

Adhesive cement is a technical adhesive specially prepared for affixing ceramic tiles. This type of mortar has a high polymer resin content, whose main advantages are excellent elasticity and adherence.

There are various different types of adhesive cement, depending on the type of ceramic tile you wish to lay (white paste, porcelain, etc.), the place you intend to lay them (interior or exterior), and even the weather conditions to which they will be exposed (damp areas, heat, frost, etc.). Both the adhesive and the grout form part of the whole cladding surface, and you should use the ones that are most appropriate for the type of ceramic product and its eventual use.

HOW TO CHOOSE YOUR ADHESIVE

According to Spanish and European law (standards EN 12002 and EN 12004 respectively), the type of adhesive for laying tiles must be coded according to common directives to make it easier to choose. This classification is based on the values of: adherence, curing time, slip resistance and open time.

10 SPREADING THE ADHESIVE CEMENT ON THE LEVELLED SURFACE

Before spreading the adhesive cement, you need to prepare it. To do so, mix the product with water in the proportions indicated by the manufacturer, bearing in mind the length of time it will take to apply, before mixing it in a builders' bucket until you have the appropriate texture to affix the tile correctly.



SPREAD THE ADHESIVE CEMENT WITH A TOOTHED TROWEL

Following the established guideline, spread the adhesive cement on the compacted and levelled surface with the help of a toothed trowel.



MAKE SURE THE THICKNESS OF THE LAYER OF ADHESIVE CEMENT IS UNIFORM

7 HANDLE THE TILES CORRECTLY



HANDLE THE TILES CORRECTLY

Depending on the size of the tile, they may have to be handled by two people. To make this easier, you can use suction tile lifters to give you a better grip.

11 SPREAD THE ADHESIVE CEMENT ON THE BACK OF THE TILE

You should also spread the adhesive cement on the rib of the ceramic tile so that it creates a double adhesive surface between the surface support and the back of the tile. Make sure that the layer of adhesive cement is always the same thickness. To do so, you can use a 10 mm toothed trowel to spread the adhesive perpendicularly to the long side of the tile so that any air that might be trapped underneath can escape.



SPREAD THE ADHESIVE CEMENT WITH A TOOTHED TROWEL ON THE TILE



MAKE SURE THE THICKNESS OF THE LAYER OF ADHESIVE CEMENT IS UNIFORM

12 LAYING THE TILE

Once you have spread the adhesive cement on the back of the tile, affix it to the support surface, which will already have been treated with adhesive cement, following the guidelines you established earlier. Affix the tile by tapping it gently with the flexible rubber mallet to get rid of any possible air bubbles in the adhesive cement.



Once you have spread the mortar you can start laying the tiles, bearing in mind that you need to keep a minimum joint of at least 2 mm. The same distance between each tile can be replicated with the help of tile spacers.



13 LEVELLING SYSTEM

For rectified floors and walls, we recommend the RLS Levelling System by Raimondi or a similar system. This method works as follows:

13.A SETTING THE BASE/CLIP



1. After spreading the adhesive cement, insert the clips underneath the tiles on all four sides.



2. For large tiles, use more clips on each side.

13.B INSERTING THE WEDGES



1. Insert the wedges in the clip slot, making sure you don't pass the breakpoint.

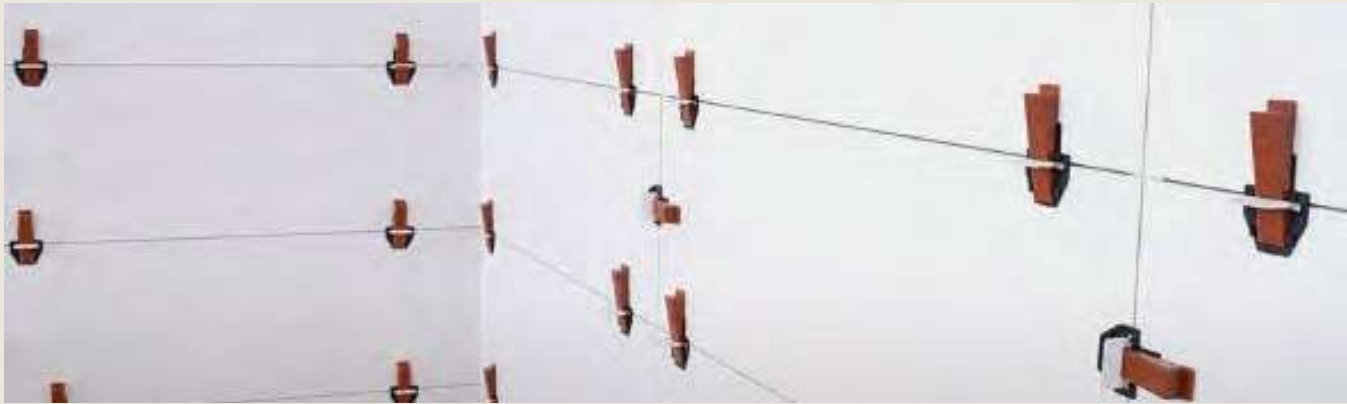


2. We recommend the use of adjustable traction pliers to make this task easier.

13.C REMOVING THE SUPPORT



Once the adhesive cement has set, to remove the clip you simply need to tap it with the rubber mallet or the tip of your toe in the direction of the joint.



Example of using the RLS Levelling System to lay tiles on walls and floors.
Exemple de pose R.S.L.

14 ADHERE TO THE MINIMUM JOINT WIDTH

The tables given below give the general recommendations for sizing the width of the joint depending on whether it is for:

- Laying joints: these offset dimensional variations and are found between the tiles.
- Perimeter joints: these reduce the build-up of structural pressure between elements that restrict movement.
- Partition joints: these prevent the impact of contractions and dilations.
- Structural joints: these are intended to absorb structural movements.

16 PREPARING AND APPLYING THE GROUT

The preparation of the grout follows a similar process to that of the adhesive cement. Consequently, you mix the product with water in the proportions indicated by the manufacturer before spreading the grout in the gap between the tiles and affixing it with the help of a grouting trowel. You need to bear in mind the timings recommended by the manufacturer.

15 SELECT THE GROUTING MATERIAL

The table below gives recommendations based on the EN 13888 standard for the grouting material to be used depending on the type of joint, and the specific commercial reference for each case according to whether the laying surfaces are interior or exterior and whether the material is for floor or wall tiles.



PREPARE THE GROUT ·



USE A GROUT TROWEL TO AFFIX THE MATERIAL ·

17 REMOVING EXCESS GROUT AND CLEANING THE SURFACE

After spreading the grout it is essential to clean the area thoroughly to remove any residue and general dirt from the working area, avoiding the use of abrasive products such as hydrofluoric acids.

Once you have finished grouting, remove any excess material before it has the chance to harden. We recommend the use of a slightly acidic detergent that does not give off any toxic fumes and will not affect either the grouting itself, the material or the user, such as Fila Deterdek. In the case of epoxy resin grouts, we recommend the use of a specific epoxy residue cleaner such as Fila CR10.



CHOOSE A SPECIFIC CLEANING PRODUCT ·



REMOVE ANY LEFTOVER GROUT AND OTHER DIRT

OBSERVE THE DRYING TIME ·

18 RECYCLING



All our packaging and products are recyclable, so we recommend you dispose of them at the appropriate selective collection points. Please deal with them according to the waste management regulations applicable in your country, specifically those for packaging waste and ceramic claddings.

FOLLOW THE RULES OF WASTE MANAGEMENT ·

AFTER LAYING THE TILES

To ensure the optimum condition of the ceramic tiles and any special features during their lifespan, once they have been installed according to our recommendations you should follow the cleaning and maintenance instructions provided to avoid damaging the ceramic and to maintain its beautiful appearance.

We recommend you take great care to maintain your ceramic products frequently, protecting them from any aggressive elements or environments and making sure to avoid the use of abrasive cleaning products and methods.

AFTER-SALES SERVICE

recommends that all works are undertaken in accordance with the UNE 13800:2017 standard on the general regulations for laying ceramic tiles with an adhesive agent. According to the CTE (the Spanish Technical Building Code) it is the direct responsibility of the site foreman or, in his absence, the buyer, to check and supervise all the material supplied (its quality, the state of the packaging, that the documents provided correspond to the product delivered, etc.)

MAINTENANCE

Before attempting to remove a stain with aggressive agents, we recommend you check its effect on a small area of the tiling and grouting in a perimeter area out of sight in order to avoid any deterioration or significant changes in the surface of the tile. Whatever the case, it is advisable to provide the client with information on which cleaning agents are recommended for removing stains and any adhesive materials used in laying the tiles. You should pay particular attention to both the initial cleaning and subsequent maintenance of polished floors and wall claddings.

In the case of polished porcelain flooring, the polishing process opens up the surface micro-pores of the tiles which means they are more susceptible to staining from certain liquids.

SPECIAL PIECES

Any special complementary pieces that contain metals (gold, silver, copper, etc.), lustres, crushed frits, resins, glass, etc., may have specific characteristics (slight variations in shade, oxidation on contact with the air or moisture, an aged appearance with the passage of time, etc.) Rectified and/or meshed tiles must be handled with great care to prevent chipping on their edges or scratches on the surface. When laying glass listels, use non-acetic silicones or adhesives from class C2 and D2.

Complementary pieces are not suitable for outdoor installation, except for those that are attached to a matching based and have been recommended for exteriors.

9MM

TECHNICAL SPECIFICATION

15MM

CHARACTERISTIC	STANDARD AS PER ISO-13006/EN14411 GROUP BIA	MEAN VALUE OF PGVT	MEAN VALUE OF GVT	TEST METHOD
REGULATORY PROPERTIES				
Deviation in length & width	±0.5 %	±0.1 %	±0.1 %	ISO-10545-2
Deviation in thickness	±5.0 %	±4.0 %	±4.0 %	ISO-10545-2
Straightness in side	±0.5 %	±0.1 %	±0.1 %	ISO-10545-2
Rectangularity	±0.6 %	±0.1 %	±0.1 %	ISO-10545-2
Surface flatness	±0.5 %	±0.2 %	±0.2 %	ISO-10545-2
Color difference	Unaltered	No Change	No Change	ISO-10545-16
Glossiness	As per mfg	Min 90%	Min 4%	GLOSSOMETER
SURFACE MECHANICAL PROPERTIES				
Water absorption	< 0.50 %	< 0.20 %	< 0.20 %	ISO-10545-3
Apparent density	> 2.0 g/cc	> 2.10 g/cc	> 2.10 g/cc	DIN 51082
MASSIVE MECHANICAL PROPERTIES				
Modulus of rupture	Min. 35 N/mm ²	Min. 35 N/mm ²	Min. 35 N/mm ²	ISO-10545-4
Breaking strength	Min. 1300 N	Min. 1700 N	Min. 1700 N	ISO-10545-4
Impact resistance	As per mfg.	Min. 0.55	Min. 0.55	ISO-10545-5
SURFACE MECHANICAL PROPERTIES				
Surface abrasion resistance	As per mfg	Min. Class-3	Min. Class-4	ISO-10545-7
MOH's hardness	As per mfg	Min. 4	Min. 5	EN 101
THERMO HYGROMETRIC PROPERTIES				
Frost resistance	No damage	No damage	No damage	ISO-10545-12
Thermal shock resistance	No damage	No damage	No damage	ISO-10545-9
Moisture expansion	Nil	Nil	Nil	ISO-10545-10
Thermal expansion (COE)	Max. 9.0 x 10-6	Max. 6.5 x 10-6	Max. 6.5 x 10-6	ISO-10545-8
Crazing resistance	As per mfg	Min. 10 Cycle	Min. 10 Cycle	ISO-10545-11
CHEMICAL PROPERTIES				
Chemical resistance	No damage	No damage	No damage	ISO-10545-13
Stain resistance	Resistant	Resistant	Resistant	ISO-10545-14
SAFETY PROPERTIES				
Slip resistance	As per mfg	> 0.40	> 0.40	ISO-10545-17
Fire resistance	As per mfg	Fireproof	Fireproof	N. A.
Lead & Cadmium given off by glazed tiles	As per mfg	Does not yield Pb & Cd	Does not yield Pb & Cd	ISO-10545-15

Size	Thickness (approx.)	Pieces / Box	Area / Box	Wt./Box (approx.)
1200x1800mm	9 mm	2 pcs.	4.32 sq. mtr.	92 kgs.

CHARACTERISTIC	STANDARD AS PER ISO-13006/EN14411 GROUP BIA	MEAN VALUE OF PGVT	MEAN VALUE OF GVT	TEST METHOD
REGULATORY PROPERTIES				
Deviation in length & width	±0.5 %	±0.2 %	±0.2 %	ISO-10545-2
Deviation in thickness	±5.0 %	±4.0 %	±4.0 %	ISO-10545-2
Straightness in side	±0.5 %	±0.15 %	±0.15 %	ISO-10545-2
Rectangularity	±0.6 %	±0.2 %	±0.2 %	ISO-10545-2
Surface flatness	±0.5 %	±0.2 %	±0.2 %	ISO-10545-2
Color difference	Unaltered	Slight variation is possible due to different batches as per signed samples	Slight variation is possible due to different batches as per signed samples	ISO-10545-16
Glossiness	As per mfg	Sharp	Sharp	GLOSSOMETER
SURFACE MECHANICAL PROPERTIES				
Water absorption	< 0.50 %	< 0.5 %	< 0.5 %	ISO-10545-3
Apparent density	> 2.0 g/cc	> 2.10 g/cc	> 2.10 g/cc	DIN 51082
MASSIVE MECHANICAL PROPERTIES				
Modulus of rupture	Min. 35 N/mm ²	Min. 35 N/mm ²	Min. 35 N/mm ²	ISO-10545-4
Breaking strength	Min. 1300 N	Min. 1700 N	Min. 1700 N	ISO-10545-4
Impact resistance	As per mfg.	Min. 0.55	Min. 0.55	ISO-10545-5
SURFACE MECHANICAL PROPERTIES				
Surface abrasion resistance	As per mfg	Min. Class-3	Min. Class-4	ISO-10545-7
MOH's hardness	As per mfg	Min. 4	Min. 5	EN 101
THERMO HYGROMETRIC PROPERTIES				
Frost resistance	No damage	No damage	No damage	ISO-10545-12
Thermal shock resistance	No damage	No damage	No damage	ISO-10545-9
Moisture expansion	Nil	0.1 (mm/3)	0.1 (mm/3)	ISO-10545-10
Thermal expansion (COE)	Max. 9.0 x 10-6	Max. 6.5 x 10-6	Max. 6.5 x 10-6	ISO-10545-8
Crazing resistance	As per mfg	Min. 7 Cycle	Min. 7 Cycle	ISO-10545-11
CHEMICAL PROPERTIES				
Chemical resistance	No damage	No damage	No damage	ISO-10545-13
Stain resistance	Resistant	Resistant	Resistant	ISO-10545-14
SAFETY PROPERTIES				
Slip resistance	As per mfg	> 0.40	> 0.40	ISO-10545-17
Fire resistance	As per mfg	Fireproof	Fireproof	N. A.
Lead & Cadmium given off by glazed tiles	As per mfg	Does not yield Pb & Cd	Does not yield Pb & Cd	ISO-10545-15

Size	Thickness (approx.)	Pieces / Box	Area / Box	Wt./Box (approx.)
1200x1800mm	15 mm	1 pcs.	2.16 sq. mtr.	75 kgs.