

CANADA

KOBERT-IN



L a r g e f o r m a t
W A L L P A N E L

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KOBERT-IN

Kobert-In is a large-format wall covering created with the aim of decorating both commercial and residential interiors. It is a lightweight, robust and easy to handle composite panel with external layers of aluminum and a mineral core.

Its technical qualities provide great dimensional stability and a very high resistance to fire and humidity.

Its high definition designs and its three different finishes give it an incomparable decorative quality.

Kobert-In is available in two different supports:

Kobert-In FR:

- 100% waterproof
- Fire resistance classification Bs1d0
- Dimensions:
 - 96" (H) x 48" (W) x 3/16" (T)
 - 96" (H) x 39" (W) x 3/16" (T)

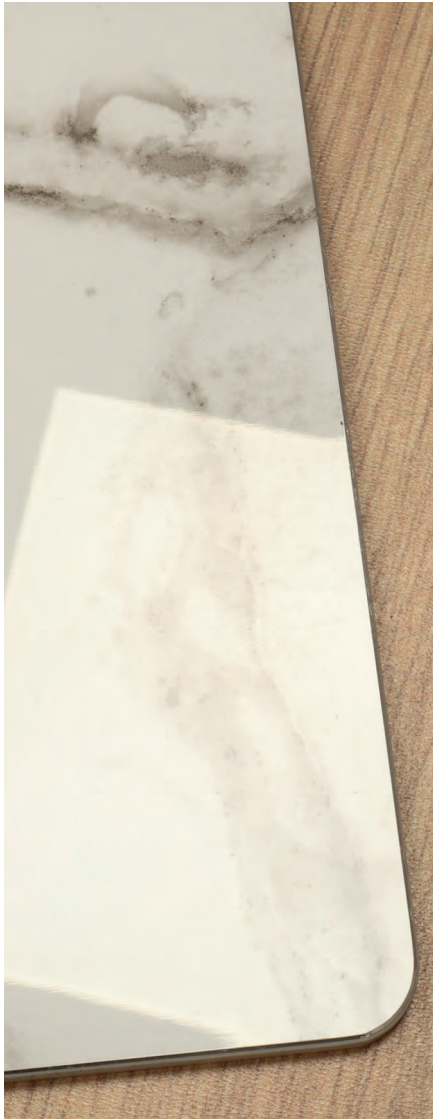
Kobert-In PE:

- 100% waterproof
- Fire resistance classification Cs1d0
- Dimensions:
 - 96" (H) x 48" (W) x 3/16" (T)
 - 96" (H) x 39" (W) x 3/16" (T)

Three collections, different finishes:

- **High Gloss Collection**, with a spectacular shiny gloss finish
- **Textured Matt Collection**, with an attractive matt textured finish
- **Ultra Matt Collection**, with an elegant anti-fingerprint ultra-matt finish

The installation of Kobert-In is done easily, quickly, without the need for specific tools and also does not generate dust when cutting.



High Gloss

p. 6



Textured Matt

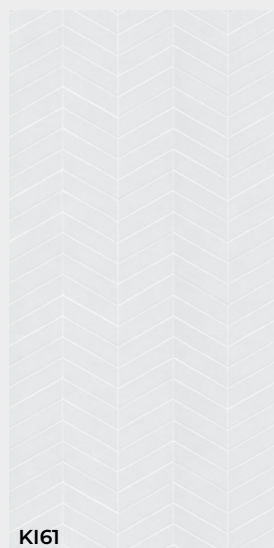
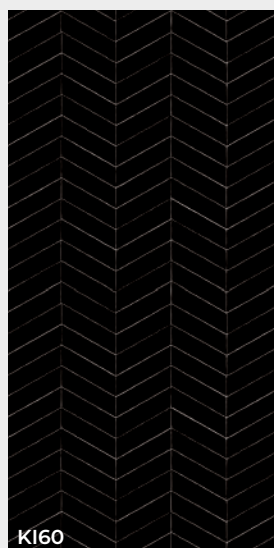
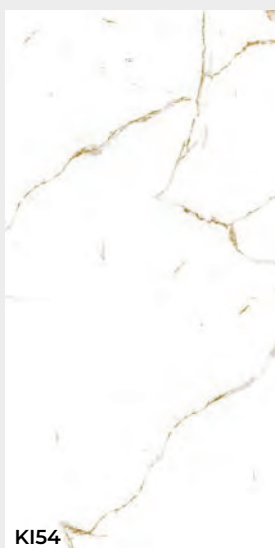
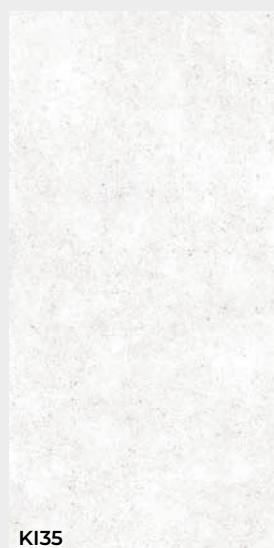
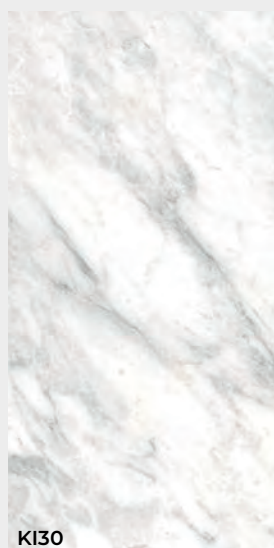
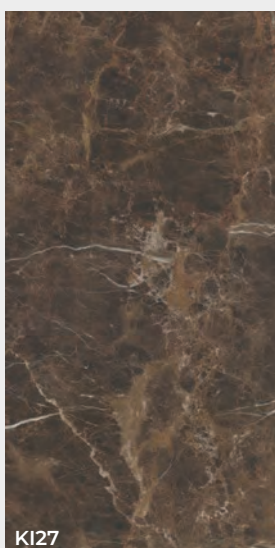
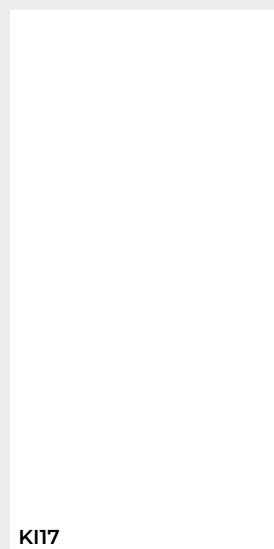
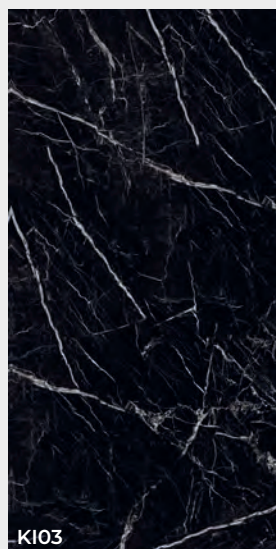
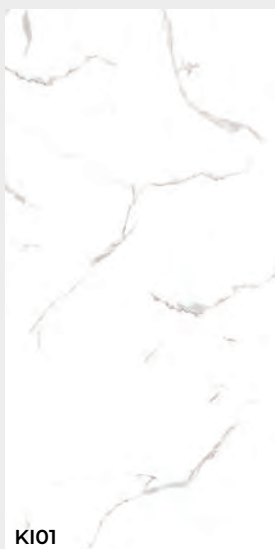
p. 52



Ultra Matt

p. 86

High Gloss



KI01 Mud p. 8 | KI03 Inifnite p. 12 | KI13 Grey frise p. 16 | KI17 White pearl p. 20 | KI27 Emperador P. 24 | KI29 Sabana p. 28 |
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 | KI61 Chevron bianco p. 48

High gloss



KI01

Mud



High gloss

KI01 MUD

5 variants

FR



Waterproof



Fire
resistant

PE



Waterproof



1



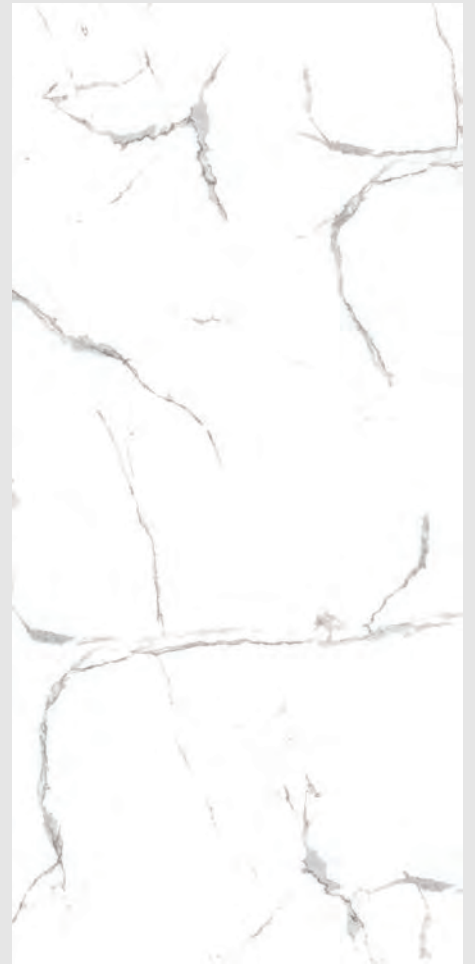
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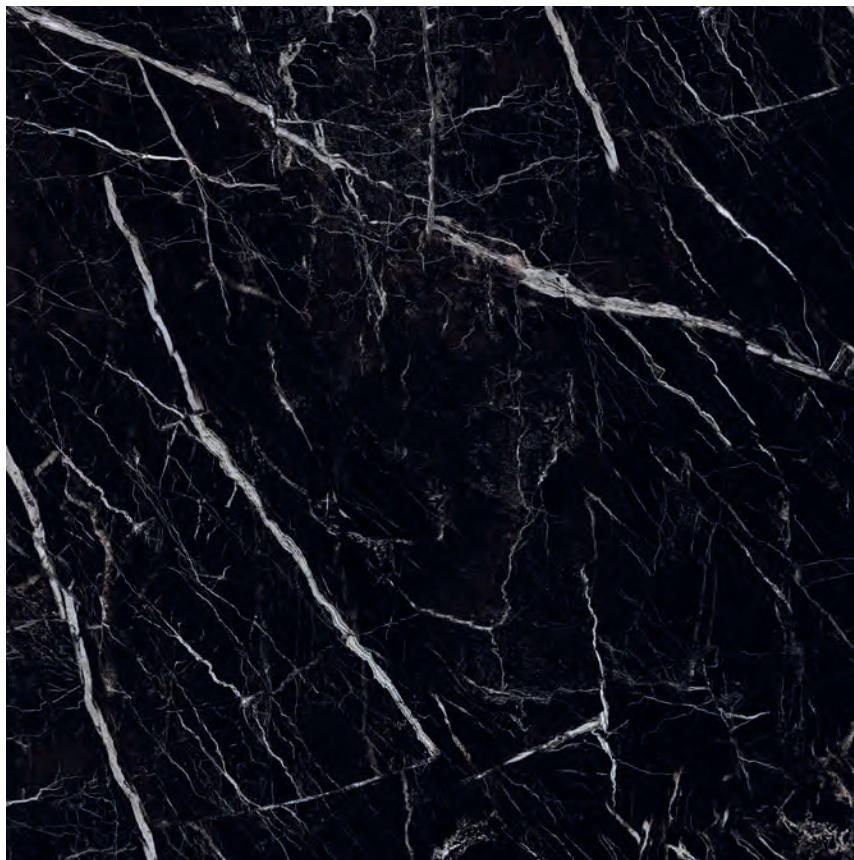


4



5

H i g h g l o s s



KI03

Infinite



High gloss

KI03 INFINITE

5 variants

FR



Waterproof

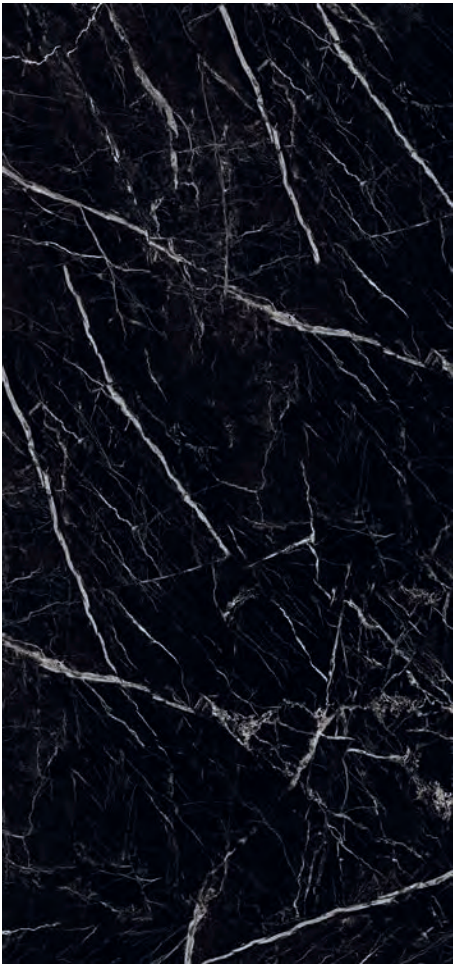


Fire
resistant

PE



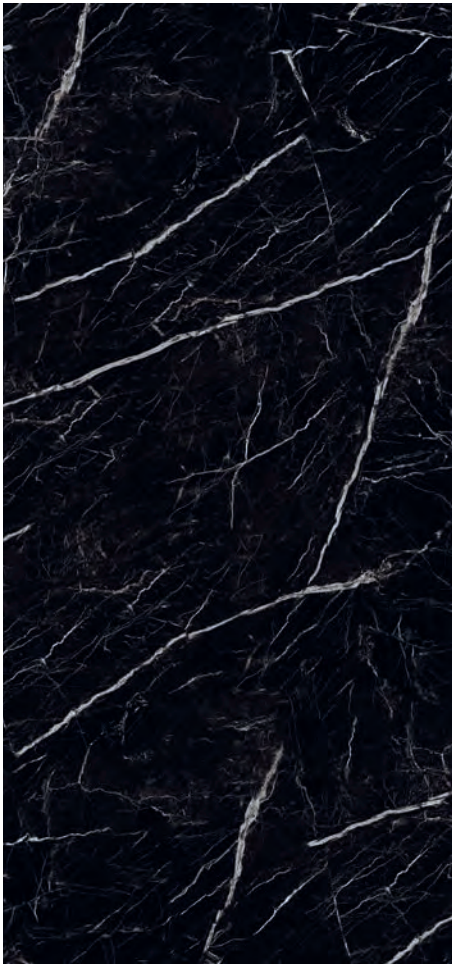
Waterproof



1



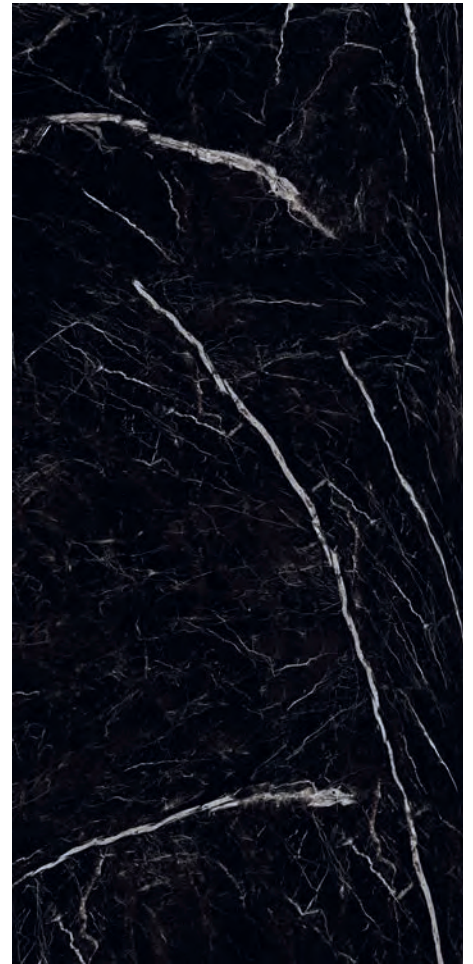
2



3



4



5

H i g h g l o s s



KI13

Grey frise



High gloss

KI13 GREY FRISE

5 variants

FR



Waterproof



Fire
resistant



1



2



3



4



5

H i g h g l o s s



KI17

White pearl



High gloss

KI17 WHITE PEARL

5 variants

FR



Waterproof



Fire
resistant



1



Friendly Materials® is an analytical assessment methodology that allows evaluating and objectively compare how building materials and building systems affect indoor areas and, therefore, the health of its occupants.

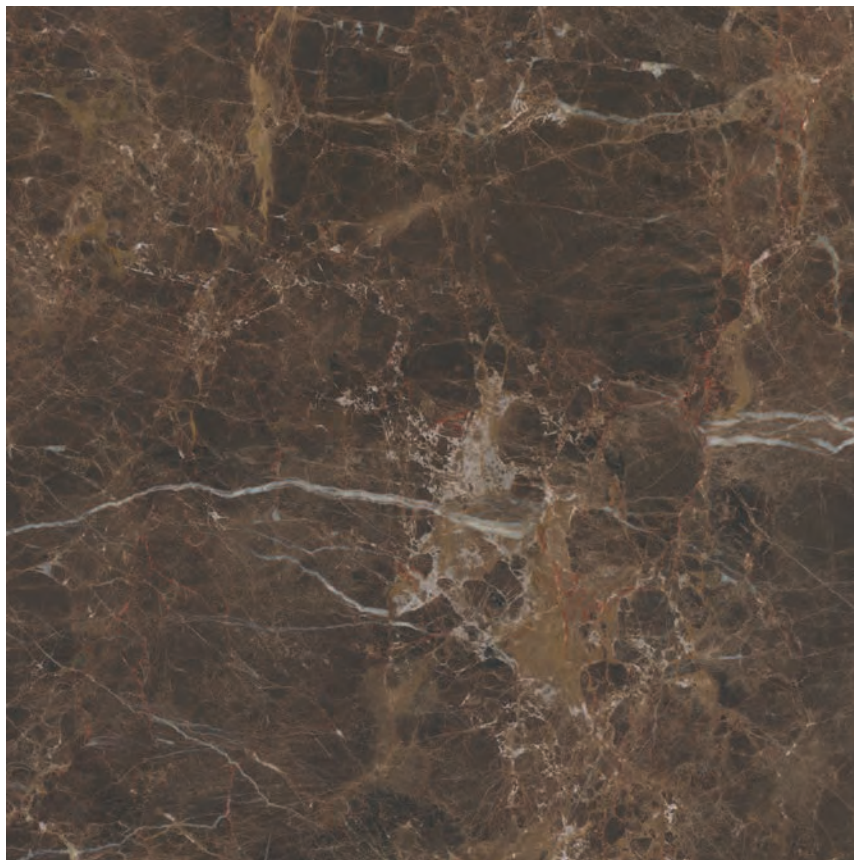
We raise awareness on non-toxic built environments, on healthy building design, and we promote transparency within the building materials' industry.

Kobert-In has been awarded the **Friendly Materials®** gold medal for its characteristics that make it an optimal and safe product for indoor installations.

BETTER
CHOICES,
HEALTHIER
SPACES



H i g h g l o s s



KI27

Emperador



High gloss

KI27 EMPERADOR

5 variants

FR



Waterproof



Fire resistant



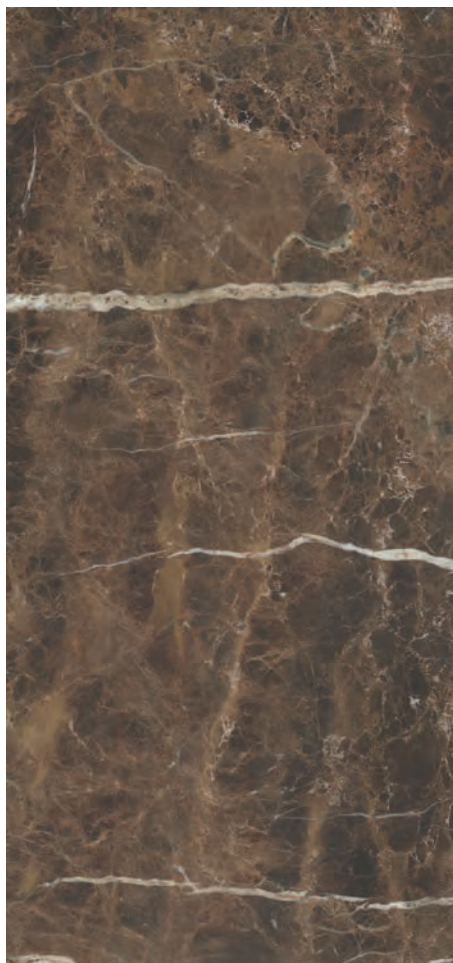
1



2



3



4



5

H i g h g l o s s



KI29

Sabana



High gloss

KI29 SABANA

5 variants

FR



Waterproof



Fire
resistant



1



2



3



4



5

High gloss



KI30

Versilia



High gloss

KI30 VERSILIA

5 variants

FR



Waterproof



Fire
resistant



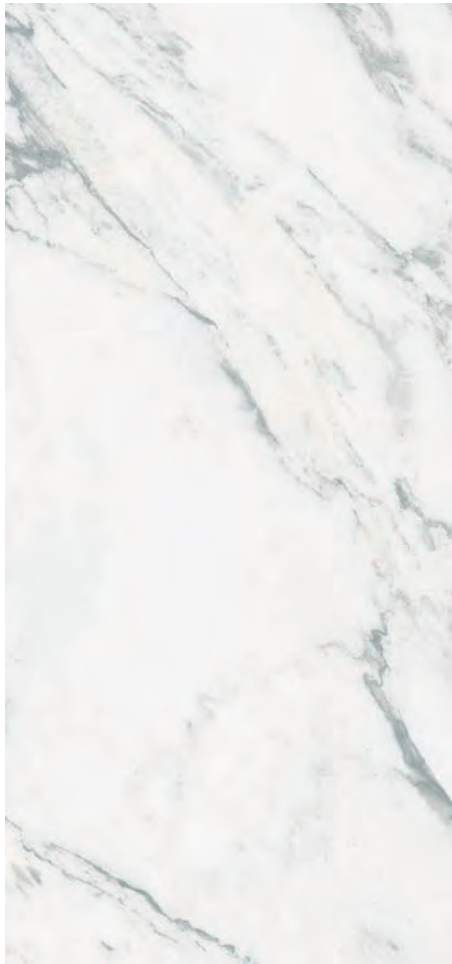
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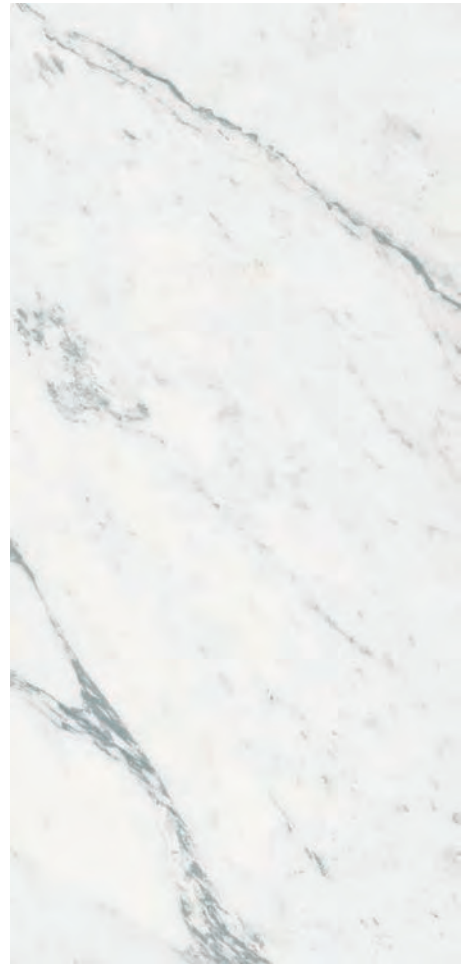
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3



4



5

High gloss



KI35

Verona white



High gloss

KI35 VERONA WHITE

5 variants

FR



Waterproof



Fire
resistant



1



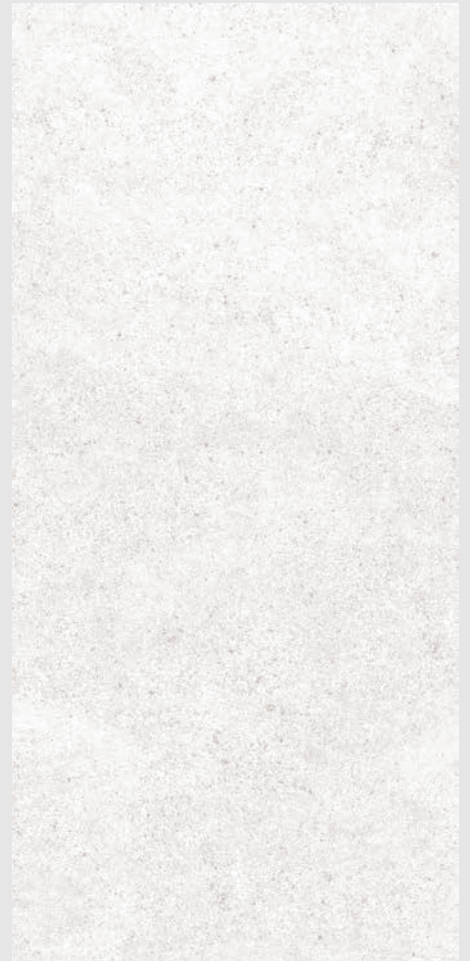
2



3



4



5

High gloss



KI54

Calacata gold



High gloss

KI54 CALACATA GOLD

5 variants

FR



Waterproof



Fire
resistant

PE



Waterproof



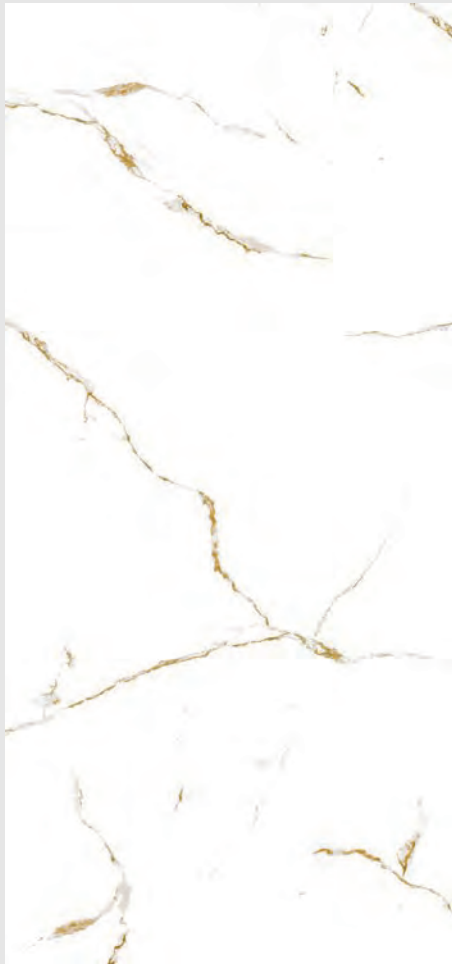
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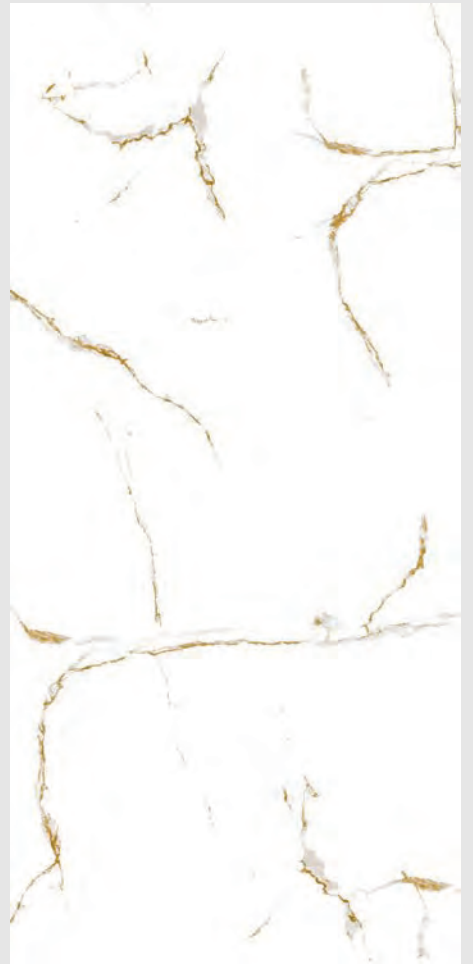
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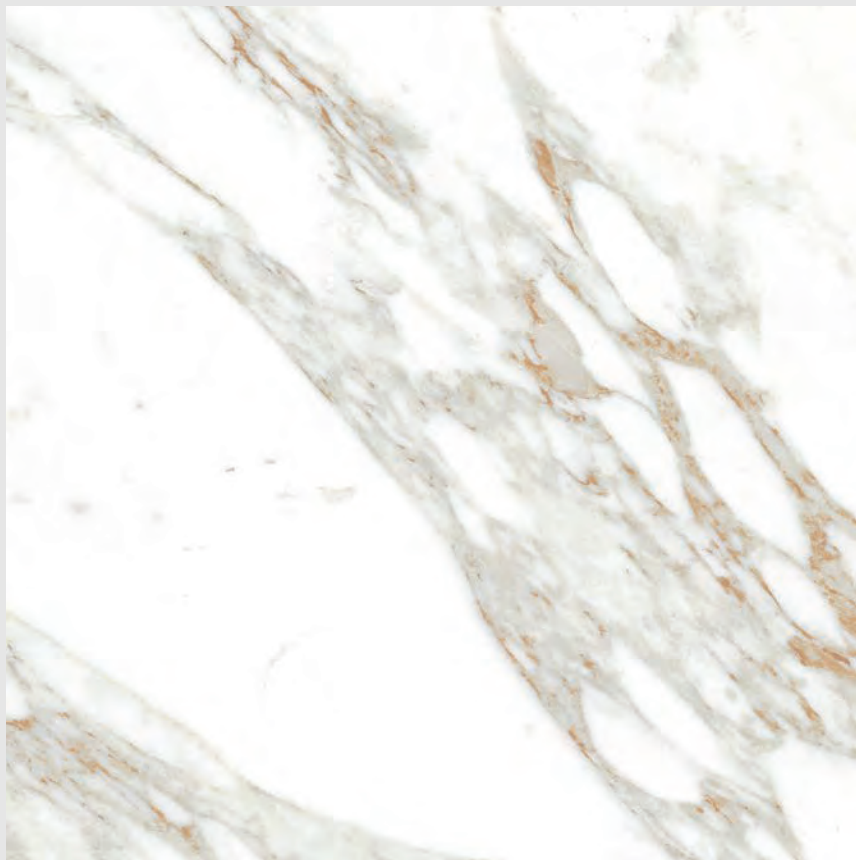


4



5

High gloss



KI59

Sandstorm



High gloss

KI59 SANDSTORM

5 variants

FR



Waterproof



Fire
resistant



1



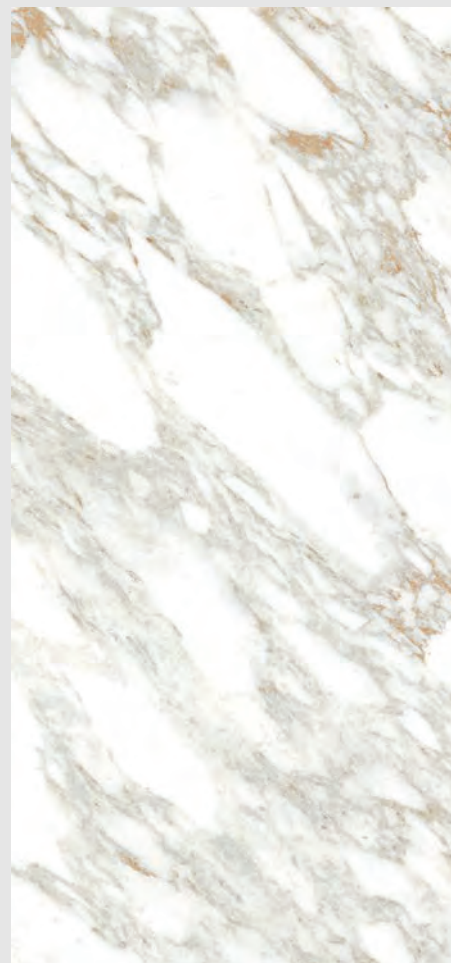
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4

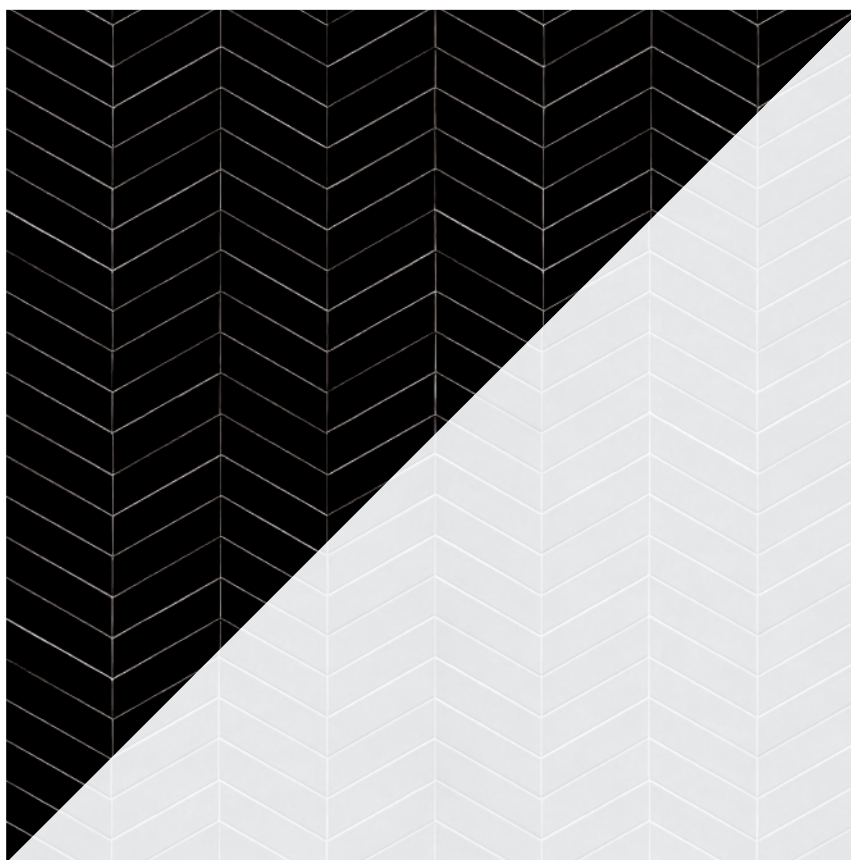


5

H i g h g l o s s

KI60

Chevron nero



KI61

Chevron bianco



High gloss

KI60 CHEVRON NERO

1 variant

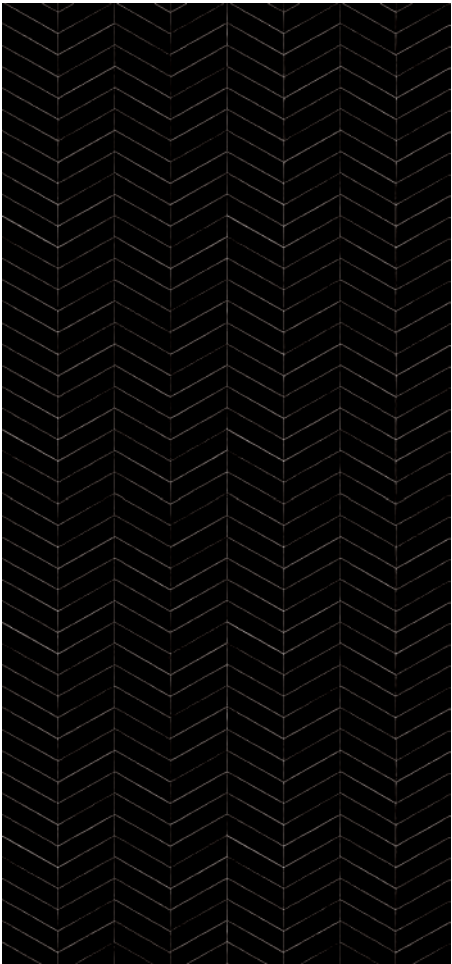
FR



Waterproof



Fire
resistant



1

High gloss

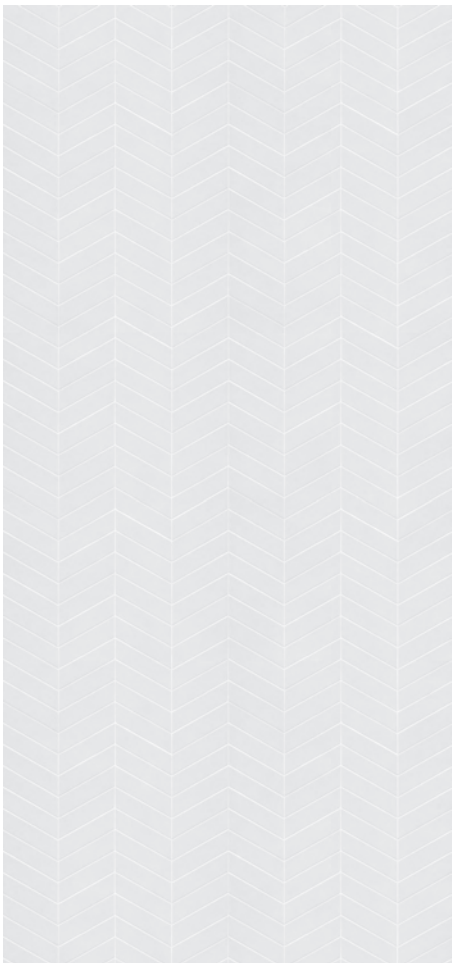
KI61 CHEVRON BIANCO

1 variant

FR

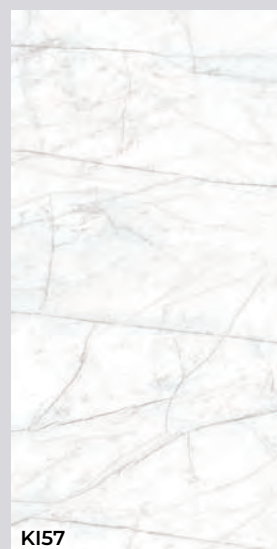
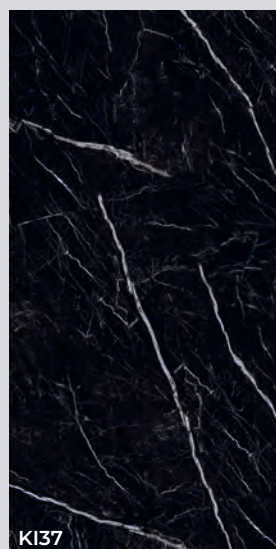
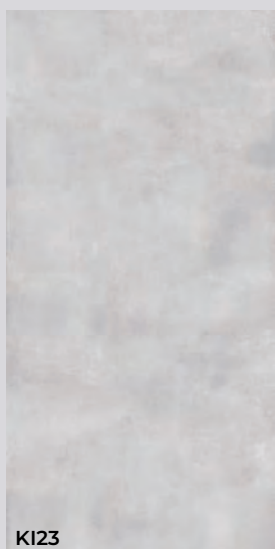
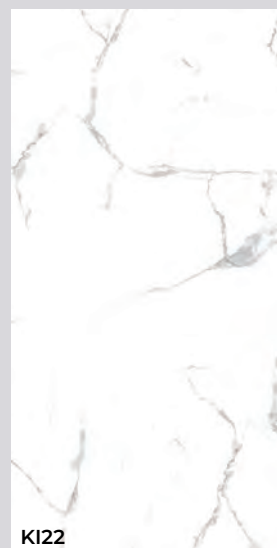
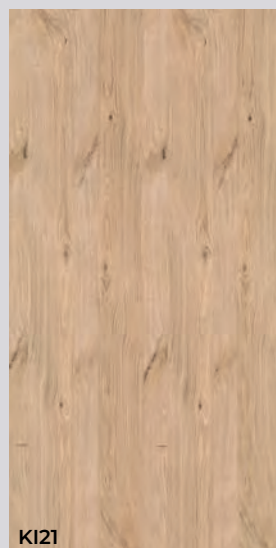
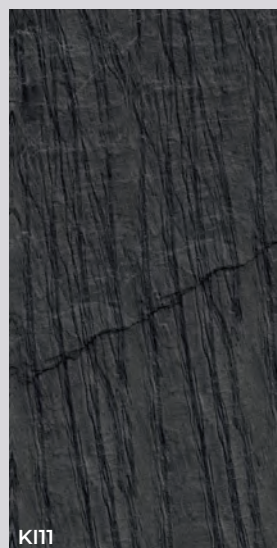


PE



1

Textured Matt



Textured matt



KI09

Chronic



Textured matt

KI09 CHRONIC

5 variants

FR



Waterproof



Fire
resistant

PE



Waterproof



1



2



3



4



5

Textured matt



KI11

Manson



Textured matt

KI11 MANSON

4 variants

FR



Waterproof



Fire
resistant



1



2



3



4

Textured matt



KI21

Natural oak



Textured matt

KI21 NATURAL OAK

5 variants

FR



Waterproof



Fire
resistant



1



2



3



4



5

Textured matt



KI22

Calacata matt



Textured matt

KI22 CALACATA MATT

5 variants

FR



Waterproof



Fire
resistant

PE



Waterproof



1



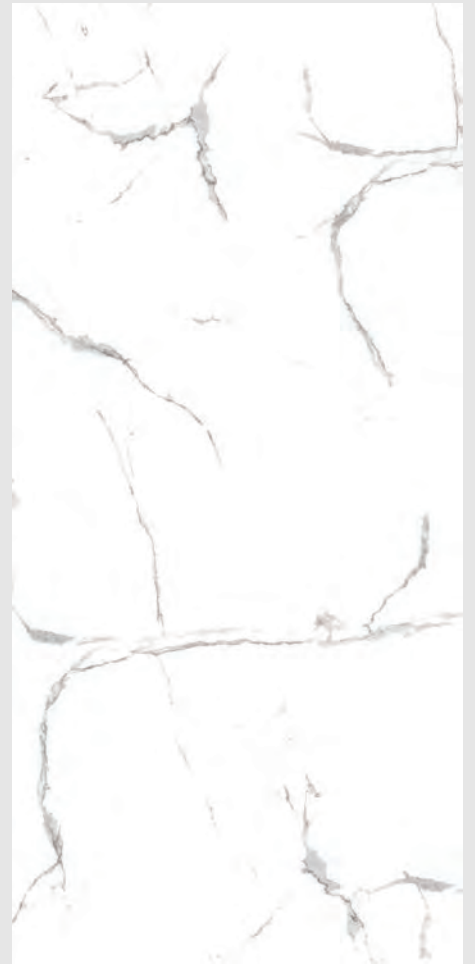
2



3



4



5

Textured matt



KI23

Concrete B



Textured matt

KI23 CONCRETE B

5 variants

FR



Waterproof



Fire
resistant



1



2



3



4



5

Textured matt



KI34

Urban concrete



Textured matt

KI34 URBAN CONCRETE

5 variantes

FR



Waterproof



Fire
resistant



1



2



3



4



5

Textured matt



KI37

Broken black



Textured matt

KI37 BROKEN BLACK

5 variants

FR



Waterproof

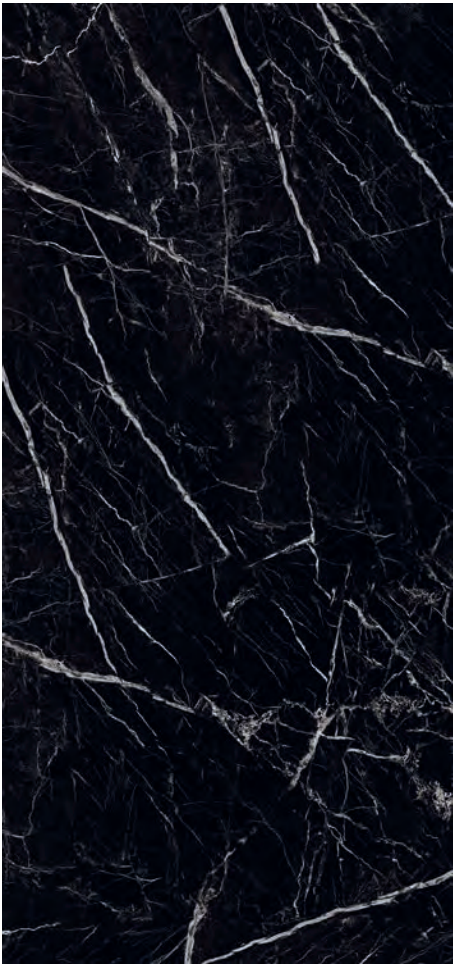


Fire
resistant

PE



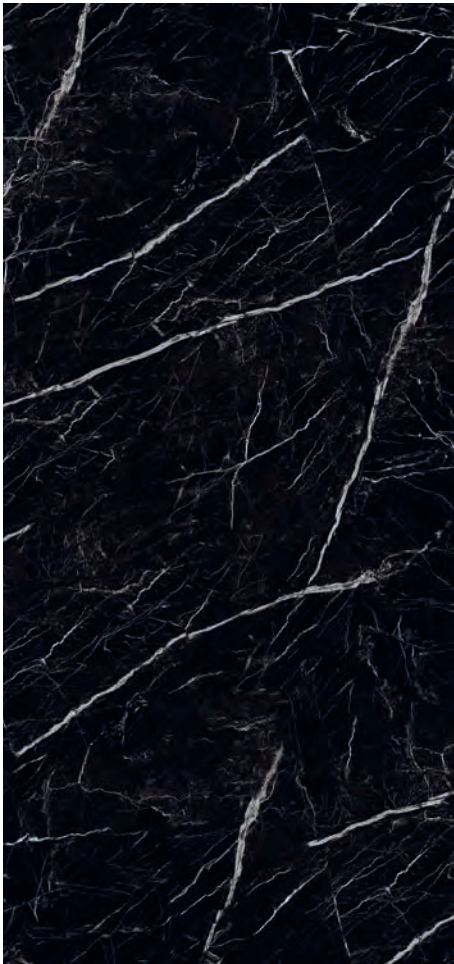
Waterproof



1



2



3



4



5

Textured matt



KI57

Everest



Textured matt

KI57 EVEREST

5 variants

FR



Waterproof



Fire
resistant

PE



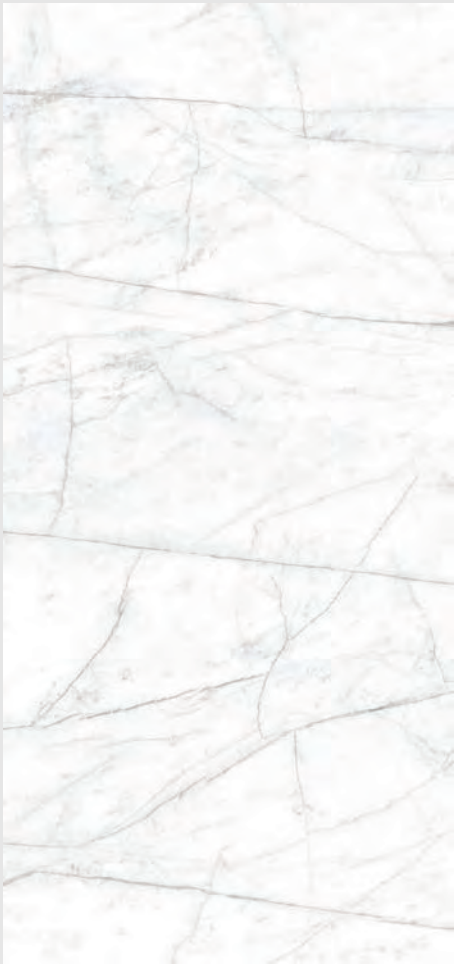
Waterproof



1



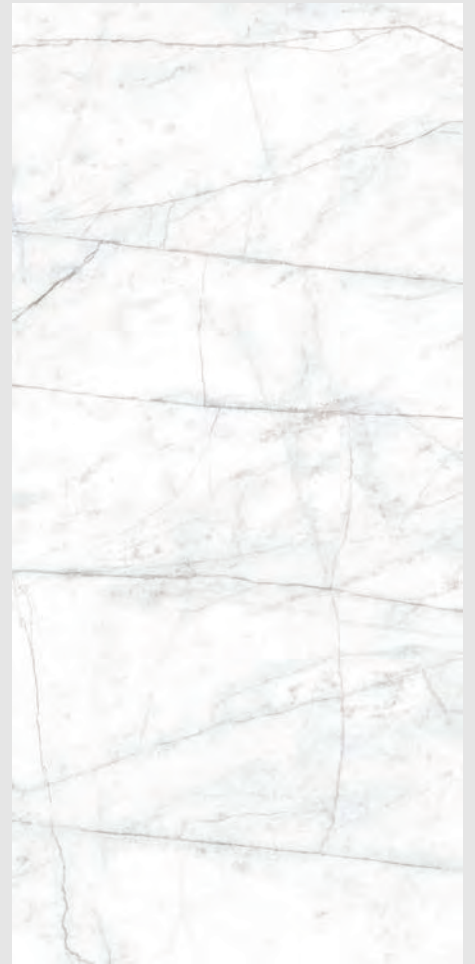
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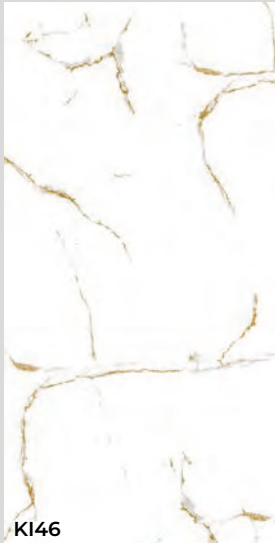


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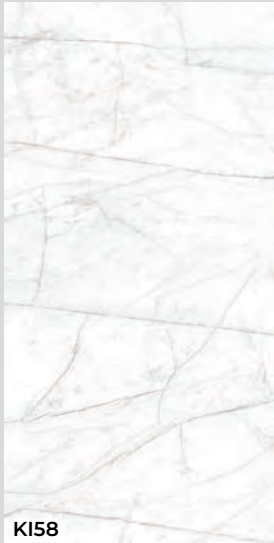
ULTRA MATT



KI39



KI46



KI58

U l t r a m a t t



KI39

Silk white



Ultra matt

KI39 SILK WHITE

5 variants

FR



Waterproof



Fire
resistant

PE



Waterproof



1



U l t r a m a t t



KI46

Calacata gold



Ultra matt

KI46 CALACATA GOLD

5 variants

FR



Waterproof



Fire
resistant



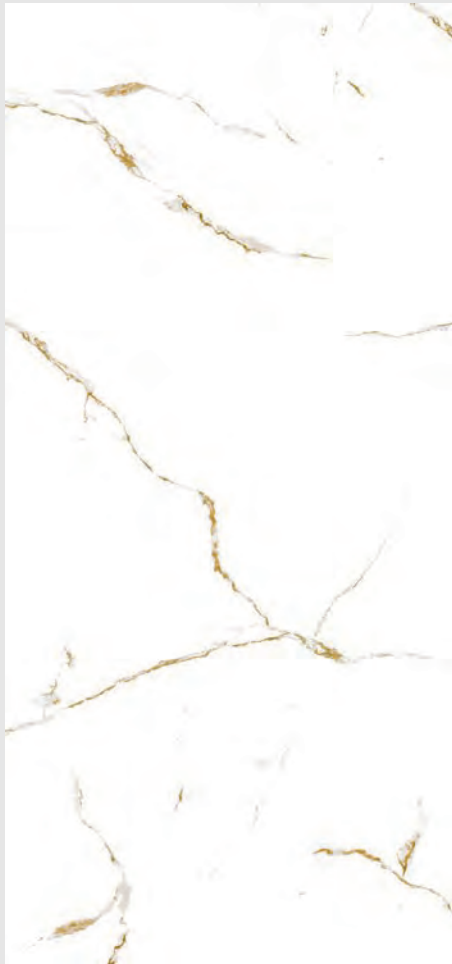
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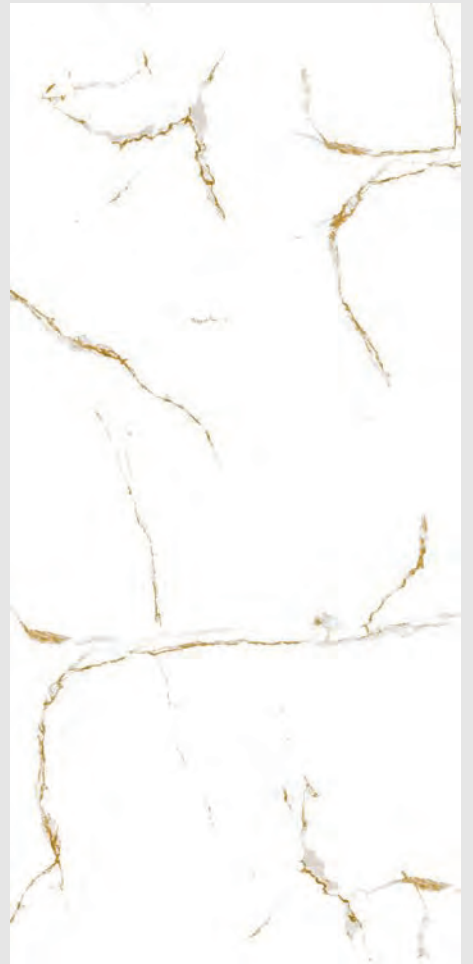
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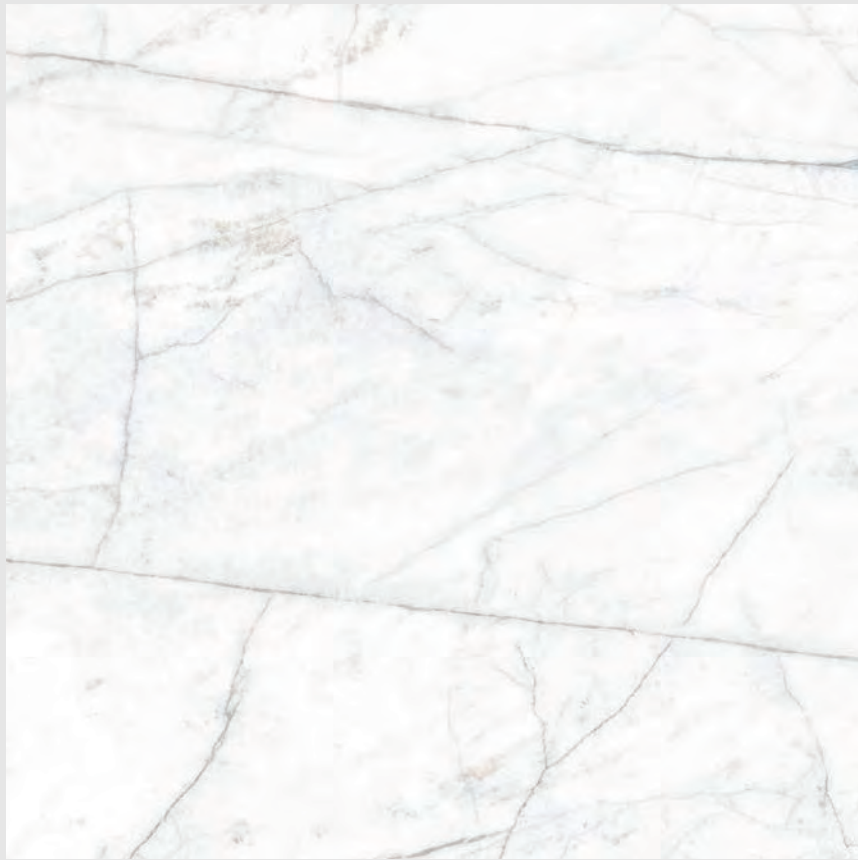


4



5

U l t r a m a t t



KI58

Everest



Ultra matt

KI58 EVEREST

5 variants

FR



Waterproof



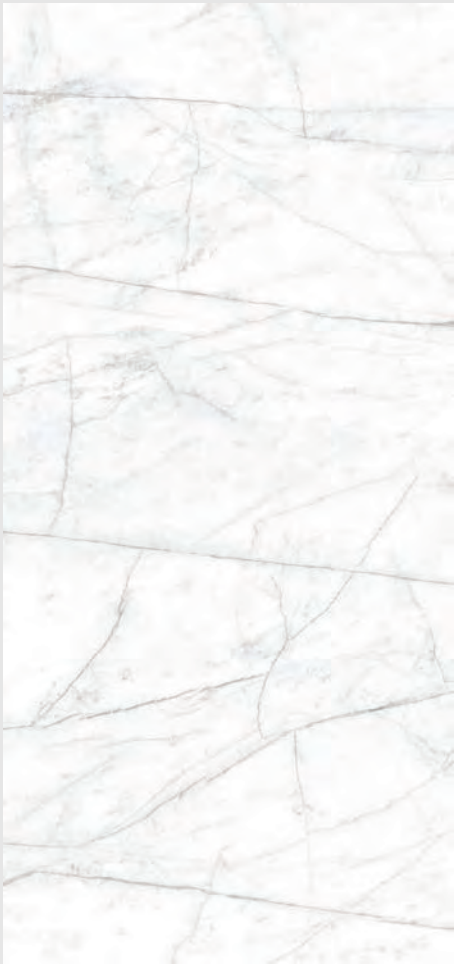
Fire
resistant



1



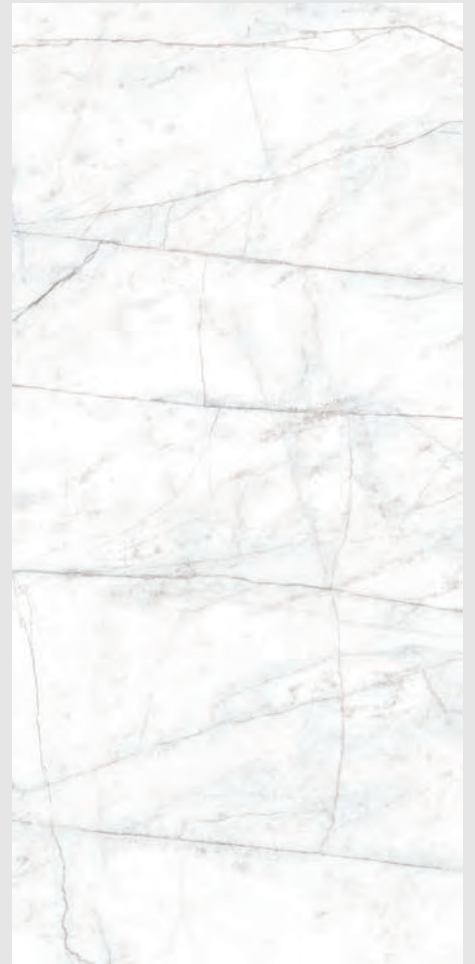
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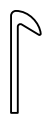


4



5

AVAILABLE PROFILES



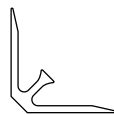
322
Round finish



344
Square finish



30A
Seam joint



343
Inside corner



342
Edge profile

TECHNICAL DATA

CHARACTERISTICS	KOBERT-IN FR			KOBERT-IN PE			NORM
Finish	HIGH GLOSS	MATT	ULTRA MATT	HIGH GLOSS	MATT	ULTRA MATT	
Panel dimensions (height x width x thickness)	96" x 48" x 3/16" ; 96" x 39" x 3/16"			96" x 48" x 3/16" ; 96" x 39" x 3/16"			
Fire resistance	BS1D0			CS1D0			EN 13501-1 2007+A1 2010
Cold liquid resistance (1h)	5	5	5	5	5	5	UNE-EN 12720 09 +A1 2014
Ball drop test ⁽¹⁾							UNE-EN 14323 2017
Height in mm	>2000	>2000	>2000	>2000	>2000	>2000	
Footprint diameter in mm	<10	<10	<10	<10	<10	<10	
Scratch resistance A (N) method	>20	>13	>20	>20	>13	>20	UNE - EN 15186 2012 A method
Bacterial resistance	0	0	0	0	0	0	EN ISO 846 1997
Water vapour resistance (grade)	5			5			UNE-EN 14323 2017
Resistance to wet heat at 85°C	5			5			UNE - EN 12721 09 + A1 2014
Resistance to wet heat at 100°C	5			5			UNE - EN 12721 09 + A1 2014
Aluminium thickness	0.3			0.2			DIN 1784
Weight	6,3 kg/m²			5,8 kg/m²			
Linear thermal expansion	2,4 a 100°C mm/m			2,4 a 100°C mm/m			EN1999 1-1 (Temp diff °c)
Coefficient of heat transfer U	5,48 W/m2K			5,48 W/m2K			DIN 4108
Temperature range	(-50°C + 80°C)			(-50°C + 60°C)			
Corrosion (240h)	No changes			No changes			UNE EN 14428 / UNE EN 9227
Cleaning suitability ⁽²⁾	5			5			UNE EN 14428 / UNE EN 12720
Resistance to chemicals and stains ⁽³⁾	No changes			No changes			UNE EN 14428
Voc emission test package including odour tests (Indoor Air Europe Superior) ⁽⁴⁾	A+			Pending			EN 16516

(1) The impact resistance of the coating has been considered and not that of the support panel itself, since at this height there are no cracks or marks greater than 10mm. However, the support panel suffers a deformation in flatness from lower drop heights, especially visible in the high-gloss sample.

(2) Products tested: bleach, vinegar, 96° alcohol, cleaning alcohol, turpentine, ammonia, Viakal and Fairy. In the case of turpentine the result is 4.

(3) The products tested are: acetic acid (10%), sodium hydroxide (10%), ethanol (70%), Bleach and Methylene blue.

(4) French, Italian, Belgium, AgBB, M1, D1CL, Well, LEED v4.1, BREEAM International, BREEAM Norway, BREEAM NL, SINTEF y ECOproduct VOC regulations.



Installation
video

INSTRUCTIONS

Before installing

For the proper placement of Kobert-In panels, due to their large size, several aspects must be taken into account before installation.

1. Check the route to the place where the panel is intended to be placed, to ensure that two people will be able to handle the panel to the place of installation.
2. Under no circumstances can Kobert-In be installed outside.
3. Review all the information on the technical data sheet to find out if the product meets the appropriate requirements for the place where it is to be installed.
4. Provide a wide and safe work space to be able to manipulate the panel (cut, glue, etc.).
5. Kobert-In is designed for vertical installation as it is a non-rectified product.

Necessary material for installation

1. Circular saw with cutting guide. The cutting guide must have enough sections to cover the entire cut in length of the sheet. We recommend that the guide be 3 meters long and the saw blade suitable for cutting aluminum, with a 300 Z96 diameter, 3.2 mm tooth thickness, 15° undercut angle and 10° positive rake angle.
2. Construction adhesive. Use a silicone-based adhesive when installing panels over existing ceramic.
3. Sealant to fill joints.
4. Gun for silicone application.
5. Plastic spatula (to clean excess silicone).
6. Electric drill. It is only necessary if we have to make holes for sockets, plugs, etc. ACR high-speed steel drill bit is recommended for the drill. Tool geometry: point angle: 100° - 140° and rake angle: 30° - 45°.
7. Paper masking tape.
8. 120 grit sponge sandpaper.

Transport and handling

1. Before transporting the parts to the place of installation, make sure that they are in good condition.
2. Two people transport the Kobert-In panels (Figure 1).
3. Avoid resting the piece on the ground by the ends, in the event that there is no other remedy we should support the piece on some type of tool that is softer than the piece, for example, wood, rubber, etc.
4. To transport the parts, use protective gloves.
5. Transport the plates perpendicular to the ground.
6. Choose a wide and safe work area as close as possible to the installation.
7. For the cutting of the pieces we should prepare a cutting table that has a comfortable height so that the installers can work with maximum precision.

Recommendations

1. Check the planimetry of the wall with a 1.5 meter rule in various directions (Figure 2), the maximum tolerance allowed is 3 mm. If it is higher, it must be filled with some filler material that is perfectly fixed to the wall. Also check that the wall is free of moisture. Clean all dust, grease or any other substance that may compromise the adhesion of the adhesive.
2. Note the sequence of panel layouts. Most models have 5 different variations and these are always arranged in order from 1 to 5 during production, however they may not be in that order when ready for shipment.

Applying the adhesive

1. First place the panel on the worktable with the non-printed side facing up, remove the protective film, apply the recommended adhesive (Figure 3) keeping in mind that the bead must not be less than 3mm thick. This can be controlled by the diameter of the hole in the cartridge applicator.
2. The adhesive should be placed around the perimeter of the panel on all four sides, approximately 2.5 cm from the edge. Then apply vertical beads along the length of the panel at a distance of approximately 20 cm.

Panel installation

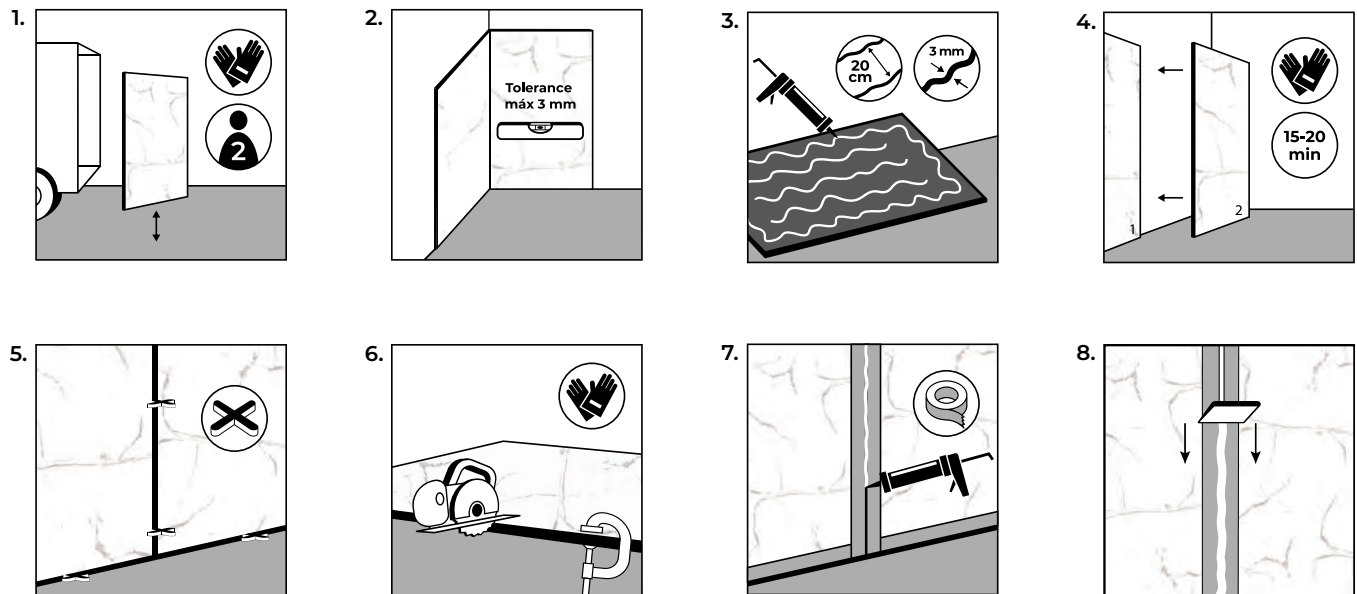
1. Position the panel with the adhesive against the wall (Figure 4). The recommended adhesive (Mapeflex by Mapei) allows you to set the panel over a period of 15-20 minutes.
This time varies depending on the humidity inside the room where it is being installed. High humidity reduces the time and low humidity increases it.
2. We recommend using 3mm spacers between the panels and between the panels and the floor (Figure 5).

Cutting the panel

1. To cut the panel you must use a circular saw and a blade recommended for cutting aluminum. The cut must always be done with the printed side facing up. Before cutting, fix the cutting guide with the help of vice grips (Figure 6).
2. We recommend the use of a square so that the cut is straight. Once the cut is made, carefully sand the cut edge with 120-grit sandpaper.

Application of sealant in the joints

1. Once all panels have been installed, tape each side of the joints before filling with sealant (Figure 7).
2. Clean up excess sealant with a wet plastic putty knife (Figure 8). Important: Cleanup of excess sealant should not be delayed. The drier the sealer, the more difficult it will be to remove.







CANADA
KOBERT-IN

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