

ALLUSLATE[®]
aluminium cladding

KRION[®]
Unlimited Surfaces

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¿QUÉ ES ALLUSLATE®?



WHAT IS ALLUSLATE®?

*Alluslate®:
The high-performance
and easy-to-install
interior panel*

ALLUSLATE®

Whether your interior project requires a large space or you want to create smaller elements, such as furniture or equipment covering, Alluslate® offers endless arrangements that provide great aesthetic value.

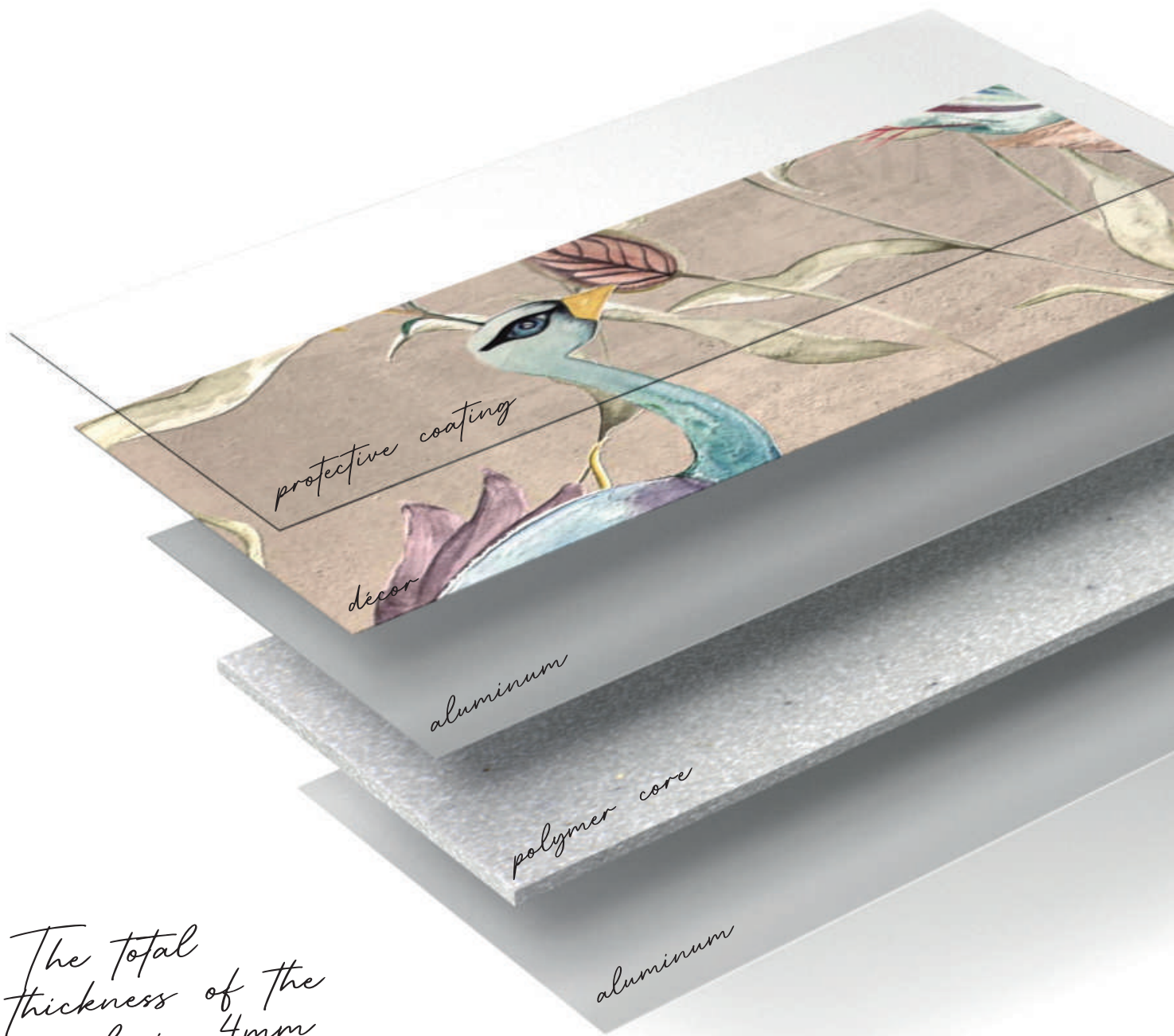
The panels are very easy to install, without construction work or dust, and offer a wide range of colors with beautiful designs and continuous patterns between panels. They are precision cut for a perfect fit and are also very easy to clean and maintain.

Alluslate® is a **composite panel** made up of two **resistant and malleable** external layers of aluminum alloy 3105.

The upper sheet is decorated using **advanced printing techniques** and then protected by a coating that will determine the final finish: **Matt (Matt) or Gloss (Glazed)**.

The core of the panel is made of a low-density thermoplastic polymer (LDPE) **with a flame-retardant mineral filler**. All this creates a material with innovative properties.

WHAT IS ALLUSLATE®?



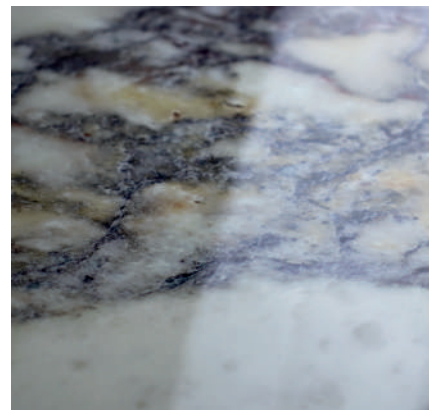
The total thickness of the panel is 4mm

Alluslate® is supplied in large format **rectified panels** (1200x2600mm). These are **flexible** and can be **handled, transported and machined with great ease.**

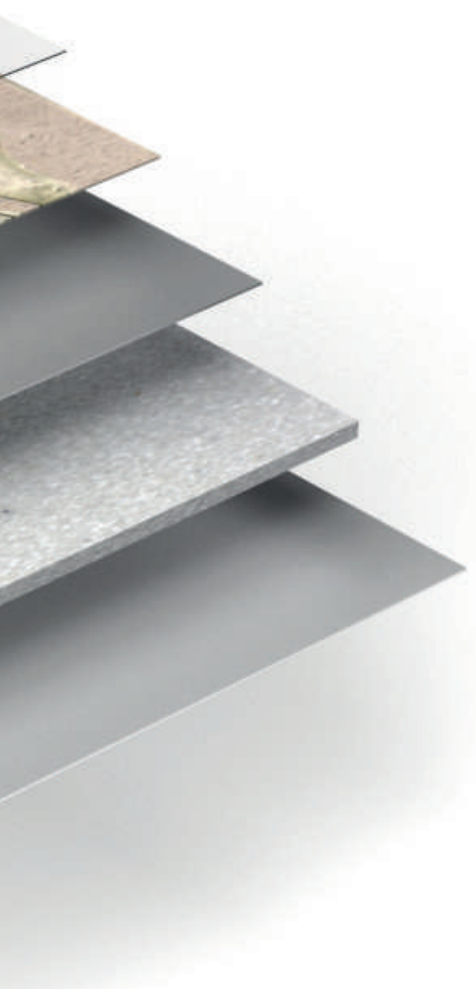
They present two different types of finishes: the **gloss finish (Glazed)**, which can be easily **machined with simple tools**, and the **textured (Matt)**, which can be **machined, folded and curved.**



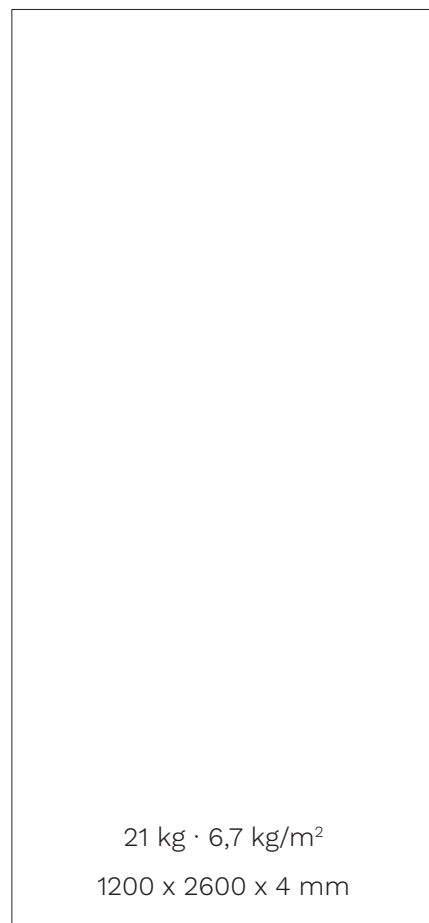
Matt (Matt)



Gloss (Glazed)



Person · 1800 mm



21 kg · 6,7 kg/m²
1200 x 2600 x 4 mm

PROPERTIES

Lightness and flexibility
Water-resistant cover
Fire resistant

PROPERTIES

Alluslate® panels are made of very light and resistant materials. They have an excellent surface/weight ratio of 6.7 kg/m² and can be handled by a single person (self-supporting), which makes them easier to handle and install.

The panels are covered by a technical protection layer that encapsulates the décor, preserving it from wear. Neither the Matt nor the Glazed Alluslate finishes absorb liquids. This means the panels **can be installed in splash areas such as shower interiors and sink fronts.**

The composition of the panels is based on aluminum and a core with fire retardant fillers.

Fire behavior Euroclass B s1 d0.





PROPERTIES

Easy machining with simple tools

Adaptability and large surface

Continuity

ALLUSLATE®

The panels can be prepared in a workshop with basic tools such as a drill, a manual cutting tool or a circular saw.

One of the characteristics of this material is that it does not accumulate tensions when it is machined.

This allows for complex machining without the structure of the panel being affected.

Thanks to its stability, its low thickness and its large coverage area, **its installation is fast, simple, noise-free and dust-free**, making it the perfect material for commercial and residential environments. Even without uninstalling the previous material, it can be placed on the vast majority of materials.

The Alluslate® panel with a Matt finish can be folded using simple back-cutting and back-folding techniques.

This allows for jointless interior or exterior corners to be created, with material continuity.

BENEFITS

Easy to assemble
Stain-resistant
Easy to clean

BENEFITS

Alluslate® technical aluminum panels are installed quickly and easily without construction work being necessary.

Thanks to their large format design and low weight, installation time is minimal.

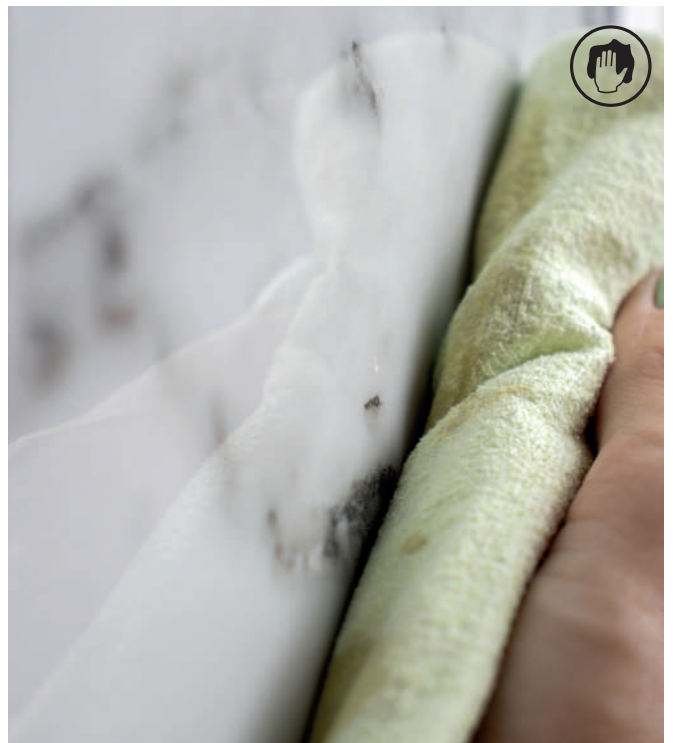
This advantage allows the image of a project to be changed, whether commercial or residential, without interfering with its development.

Alluslate® technical aluminum panels are particularly effective against surface staining. Thanks to their final coating, which provides them with great resistance to dirt and stains, Alluslate® is **resistant both to stains** caused by day-to-day use and more unusual stains.

Another characteristic of Alluslate® technical aluminum panels is that the greater the resistance to stains, the easier it is to clean the material. To keep their surface clean, all you need are basic items such as microfiber cloths, soapy water or concentrated soap. With these basic tools, Alluslate® can be kept in perfect condition.



ALLUSLATE®



USES AND APPLICATIONS

Alluslate® panels are should be installed on vertical surfaces both in restaurants and cafeterias, hotels and homes on walls, furniture and equipment.

Thanks to their technical features, they do not accumulate tension and it is possible to machine and bend them cold in a matt version, allowing them to work around columns, corners, plugs and other items that may be found on a wall.

Their resistance both to humidity and contact with water allows them to be installed in bathrooms and kitchens, giving the space infinite possibilities.



Furniture



Coating



Equipment





Amazonic · Matt



Nostalgia · Matt



Capricce · Matt

Materica · Matt

Versatility of designs

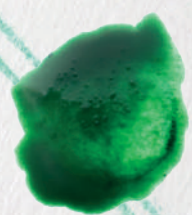
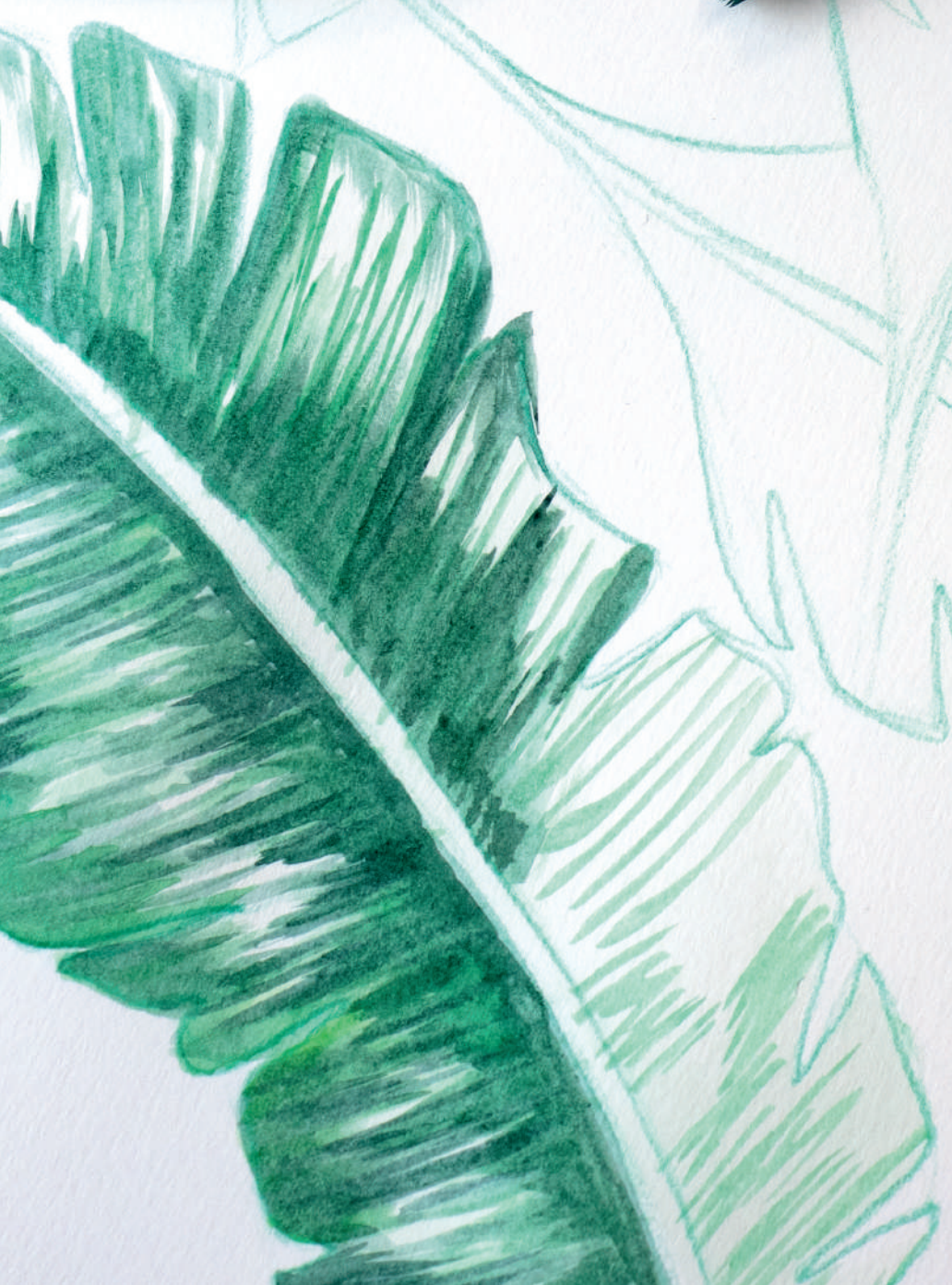


Peak · Matt

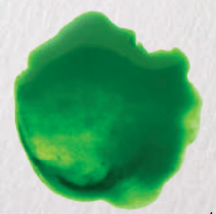
Bericcio · Matt

Calacatta · Glazed

Forest · Glazed



green leaf



green mint

SOPHISTICATION AND TREND
COMBINED IN A UNIQUE DESIGN



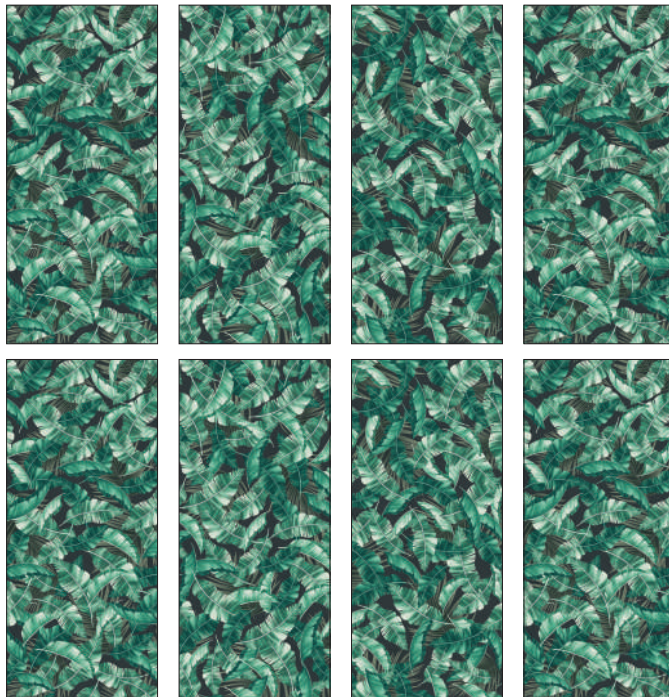
Amazonic



Amazonic Green Matt

Panel A · **100323172** | Panel B · **100323195** | Panel C · **100323169**





Panel A

Panel B

Panel C

Panel A

Amazonic · Green · Matt

1200 x 2600 x 4 mm

Panel A · **100323172** | Panel B · **100323195** | Panel C · **100323169**

Recommended gasket color · Black · **100005817** **butech**
PORCELANOSA Group



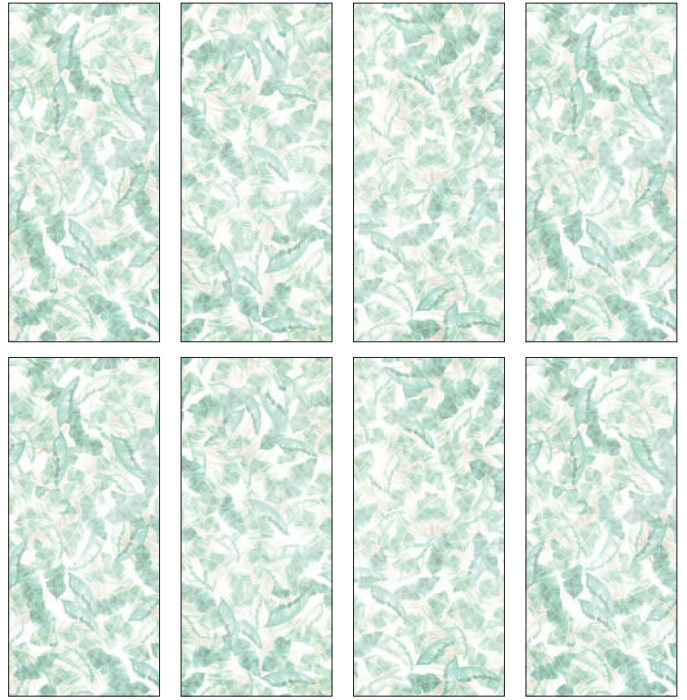
Green

Matt

Infinity

Fold

MODEL	FORMAT	M ² / PANEL	PRICE GROUP	DRAWER				
				FORMAT	PANELS	M ² / DRAWER	KG DRAWER	TOTAL KG
Amazonic Green Matt	1200 x 2600 x 4 mm	3,12 m ²	GA 1	2720 x 1320 x 310 mm	25	78 m ²	80 kg	660 kg



Panel A

Panel B

Panel C

Panel A

Amazonic · Light · Matt

1200 x 2600 x 4 mm

Panel A · **100323200** | Panel B · **100323196** | Panel C · **100323201**

Recommended gasket color · White · **100005814** **butech**
PORCELANOSA Group



Light

Matt

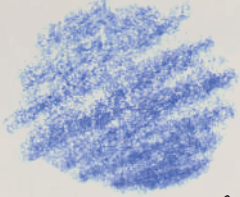
Infinity

Fold

MODEL	FORMAT	M ² / PANEL	PRICE GROUP	DRAWER				
				FORMAT	PANELS	M ² / DRAWER	KG DRAWER	TOTAL KG
Amazonic Light Matt	1200 x 2600 x 4 mm	3,12 m ²	GA 1	2720 x 1320 x 310 mm	25	78 m ²	80 kg	660 kg



pink



blue purple



SWEETNESS AND ELEGANCE WITH A
VINTAGE DESIGN



ALLUSLATE®

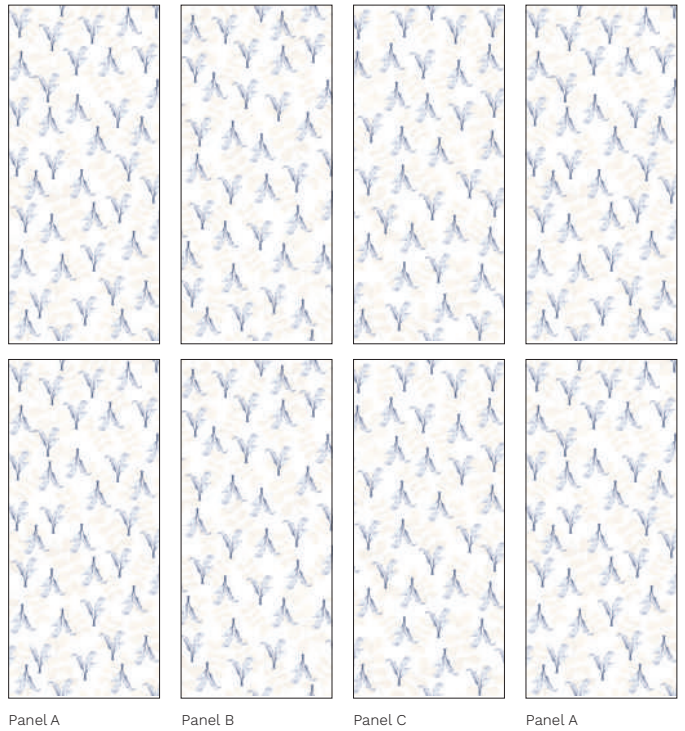
Nostalgia



Nostalgia White Matt

Panel A · **100323224** | Panel B · **100323208** | Panel C · **100323209**





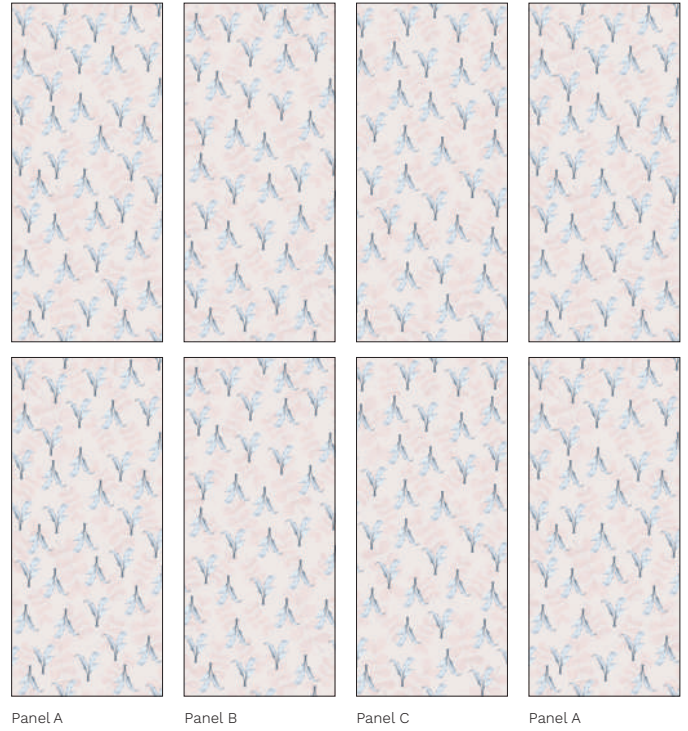
Nostalgia · White · Matt
1200 x 2600 x 4 mm

Panel A · **100323224** | Panel B · **100323208** | Panel C · **100323209**

Recommended gasket color · White · **100005814** **butech**
PORCELANOSA Group



MODEL	FORMAT	M ² / PANEL	PRICE GROUP	DRAWER				
				FORMAT	PANELS	M ² / DRAWER	KG DRAWER	TOTAL KG
Nostalgia White Matt	1200 x 2600 x 4 mm	3,12 m ²	GA 1	2720 x 1320 x 310 mm	25	78 m ²	80 kg	660 kg



ALLUSLATE®

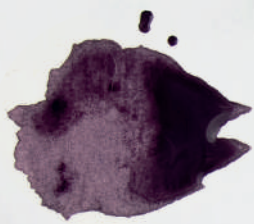
Nostalgia · Rose · Matt
1200 x 2600 x 4 mm

Panel A · **100323184** | Panel B · **100323194** | Panel C · **100323168**

Recommended gasket color · White · **100005814** **butech**
PORCELANOSA Group



MODEL	FORMAT	M ² / PANEL	PRICE GROUP	DRAWER				
				FORMAT	PANELS	M ² / DRAWER	KG DRAWER	TOTAL KG
Nostalgia Rose Matt	1200 x 2600 x 4 mm	3,12 m ²	GA 1	2720 x 1320 x 310 mm	25	78 m ²	80 kg	660 kg



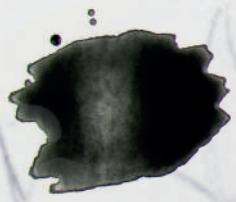
violet pink



yellow dark



green flower



dark sense



THE AESTHETIC RENEWAL
INSPIRED BY
EXOTIC MOTIFS



ALLUSLATE®

Capricce



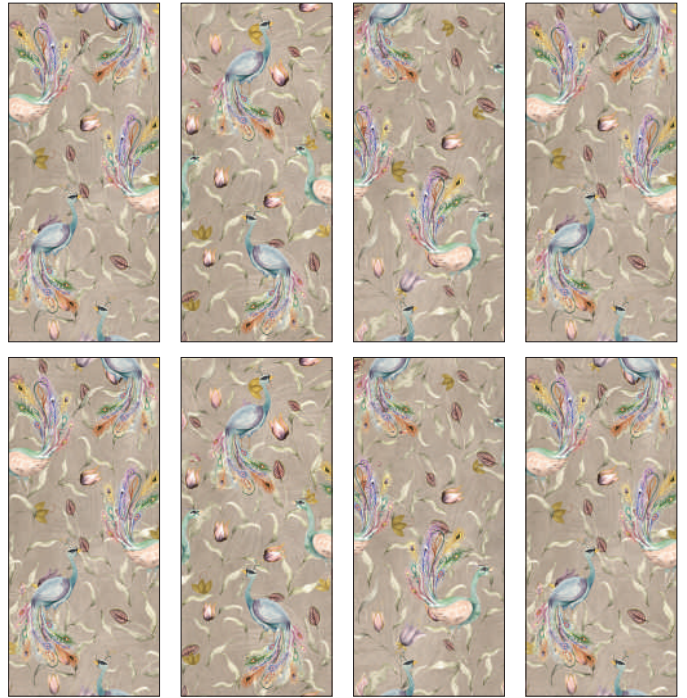


Capricce Nero Matt

Panel A · **100323163** | Panel B · **100323210** | Panel C · **100323183**



ALLUSLATE®



Panel A

Panel B

Panel C

Panel A

Capricce · Nocce · Matt

1200 x 2600 x 4 mm

Panel A · **100323211** | Panel B · **100323205** | Panel C · **100323220**

Recommended gasket color · Beige · **100115950** **butech**
PORCELANOSA Group



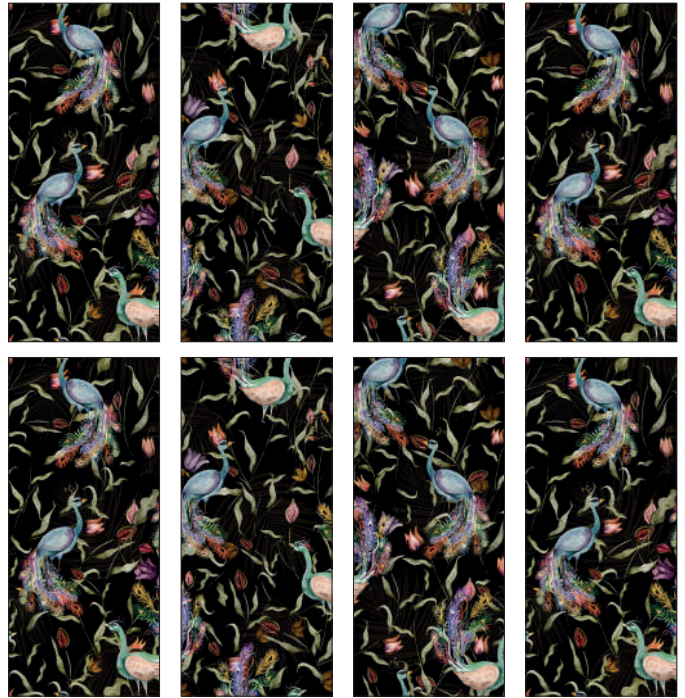
Nocce

Matt

Infinity

Fold

MODEL	FORMAT	M ² / PANEL	PRICE GROUP	DRAWER				
				FORMAT	PANELS	M ² / DRAWER	KG DRAWER	TOTAL KG
Capricce Nocce Matt	1200 x 2600 x 4 mm	3,12 m ²	GA 1	2720 x 1320 x 310 mm	25	78 m ²	80 kg	660 kg



Panel A

Panel B

Panel C

Panel A

Capricce · Nero · Matt
1200 x 2600 x 4 mm

Panel A · **100323163** | Panel B · **100323210** | Panel C · **100323183**

Recommended gasket color · Black · **100005817** **butech**
PORCELANOSA Group



Nero

Matt

Infinity

Fold

MODEL	FORMAT	M ² / PANEL	PRICE GROUP	DRAWER				
				FORMAT	PANELS	M ² / DRAWER	KG DRAWER	TOTAL KG
Capricce Nero Matt	1200 x 2600 x 4 mm	3,12 m ²	GA 1	2720 x 1320 x 310 mm	25	78 m ²	80 kg	660 kg



THE SIMPLICITY AND BEAUTY OF
RAW MATERIALS



ALLUSLATE®

Materica



Materica Nut Matt

Panel · **100323167**

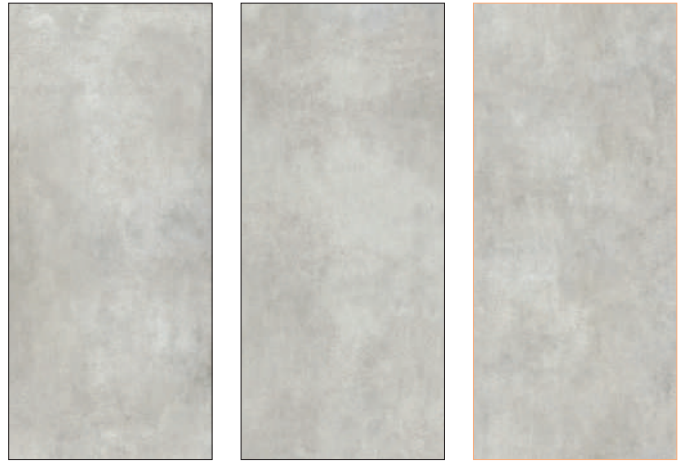
Capricce · Nocce · Matt

Panel A · **100323211** | Panel B · **100323205** | Panel C · **100323220**

drinks



ALLUSLATE®



Materica · Sand · Matt
1200 x 2600 x 4 mm

Panel · **100323174**

Recommended gasket color · Ivory · **100120621** **butech**
PORCELLANOSA Group




MODEL	FORMAT	M ² / PANEL	PRICE GROUP	DRAWER				
				FORMAT	PANELS	M ² / DRAWER	KG DRAWER	TOTAL KG
Materica Sand Matt	1200 x 2600 x 4 mm	3,12 m ²	GA 1	2720 x 1320 x 310 mm	25	78 m ²	80 kg	660 kg



ALLUSLATE®

Materica · Nut · Matt
1200 x 2600 x 4 mm

Panel · **100323167**

Recommended gasket color · Beige · **100115950**  FORCLANOSA Group



MODEL	FORMAT	M ² / PANEL	PRICE GROUP	DRAWER				
				FORMAT	PANELS	M ² / DRAWER	KG DRAWER	TOTAL KG
Materica Nut Matt	1200 x 2600 x 4 mm	3,12 m ²	GA 1	2720 x 1320 x 310 mm	25	78 m ²	80 kg	660 kg



Materica · Original · Matt
1200 x 2600 x 4 mm

Panel · **100323223**

Recommended gasket color · Grey · **100005816** **butech**
PORCELANOSA Group



MODEL	FORMAT	M ² / PANEL	PRICE GROUP	DRAWER				
				FORMAT	PANELS	M ² / DRAWER	KG DRAWER	TOTAL KG
Materica Original Matt	1200 x 2600 x 4 mm	3,12 m ²	GA 1	2720 x 1320 x 310 mm	25	78 m ²	80 kg	660 kg



THE VALUE OF DETAIL



ALLUSLATE®

Peak



Peak Topo Matt
Panel · **100323222**



ALLUSLATE®

PEAK



Peak · Acero · Matt
1200 x 2600 x 4 mm

Panel · **100323179**

Recommended gasket color · Grey · **100005816** **butech**
PORCELANOSA Group




MODEL	FORMAT	M ² / PANEL	PRICE GROUP	DRAWER				
				FORMAT	PANELS	M ² / DRAWER	KG DRAWER	TOTAL KG
Peak Acero Matt	1200 x 2600 x 4 mm	3,12 m ²	GA 1	2720 x 1320 x 310 mm	25	78 m ²	80 kg	660 kg



Peak · Topo · Matt
1200 x 2600 x 4 mm

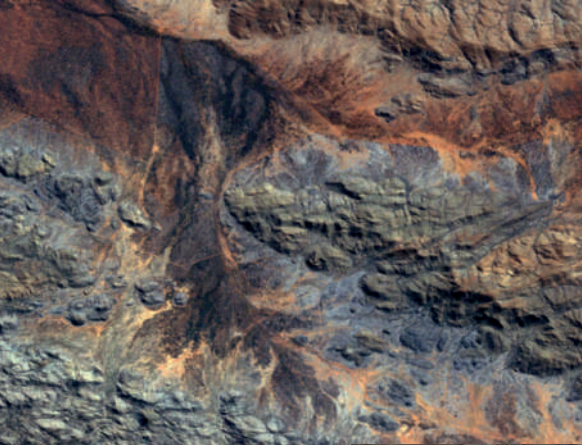
Panel · **100323222**

Recommended gasket color · Beige · **100115950** 

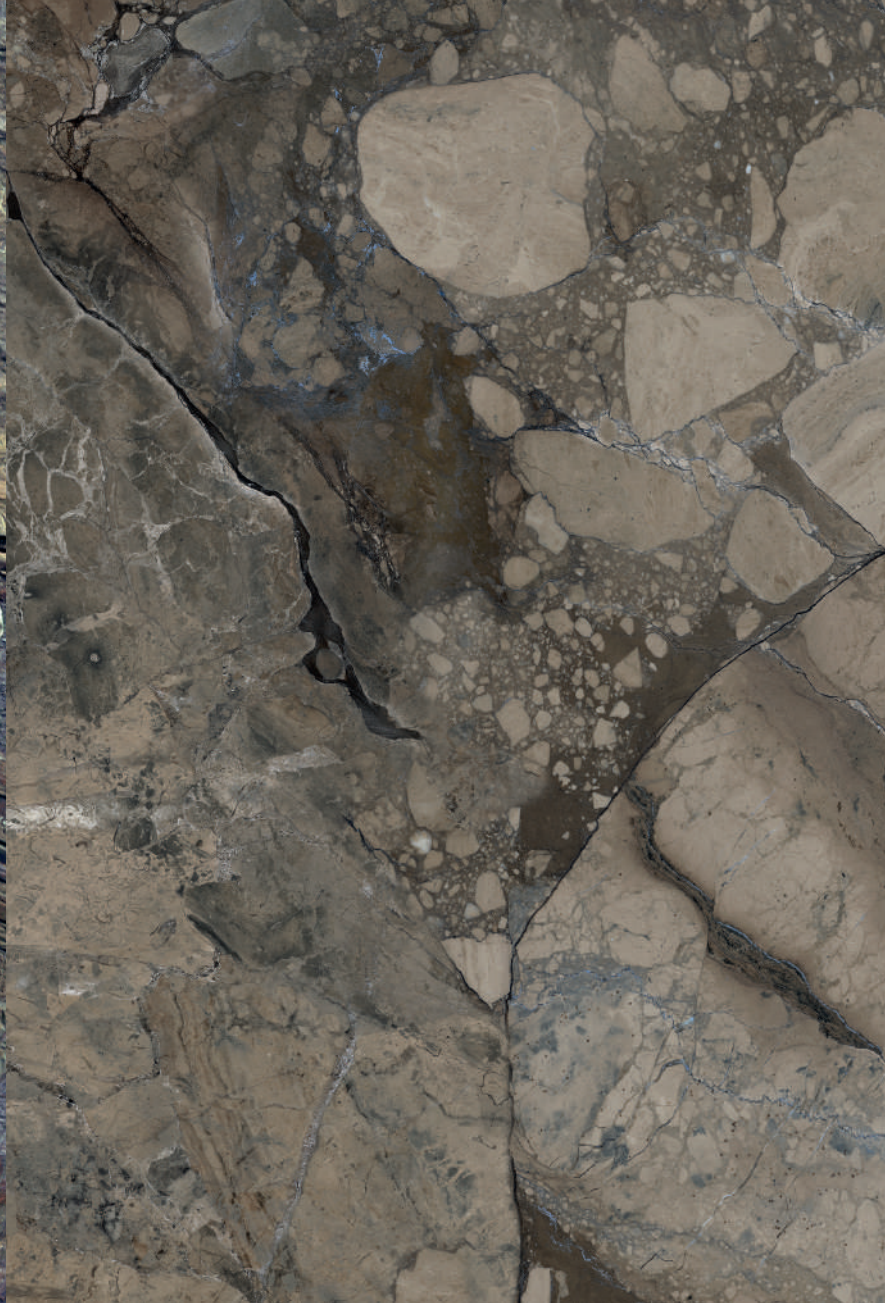


MODEL	FORMAT	M ² / PANEL	PRICE GROUP	DRAWER				
				FORMAT	PANELS	M ² / DRAWER	KG DRAWER	TOTAL KG
Peak Topo Matt	1200 x 2600 x 4 mm	3,12 m ²	GA 1	2720 x 1320 x 310 mm	25	78 m ²	80 kg	660 kg





THE MAJESTY OF THE STONE
MADE MURAL



ALLUSLATE®

Bericcio

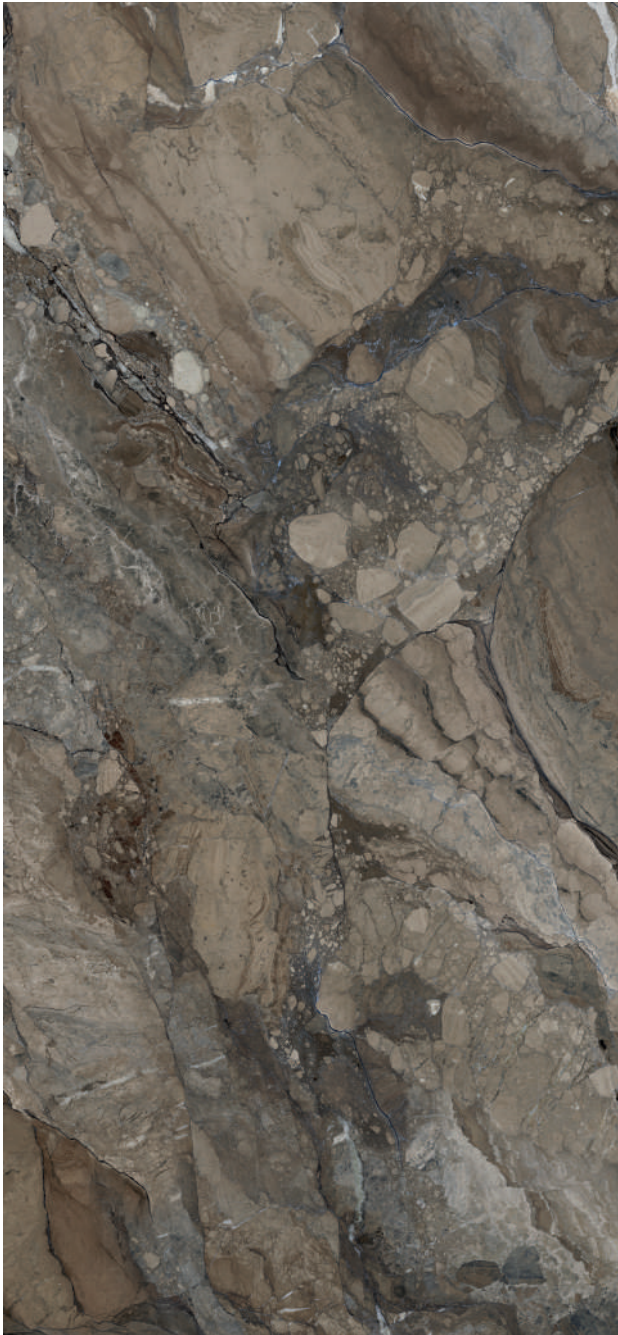


Bericcio Bronze Matt

Panel A · **100323173** | Panel B · **100323202** | Panel C · **100323175**

CEPTION

ALLUSLATE®



Panel A



Panel B



Panel C



Panel A

Bericcio · Bronze · Matt

1200 x 2600 x 4 mm

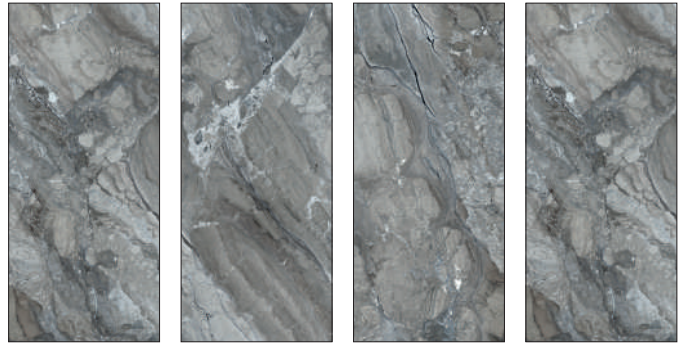
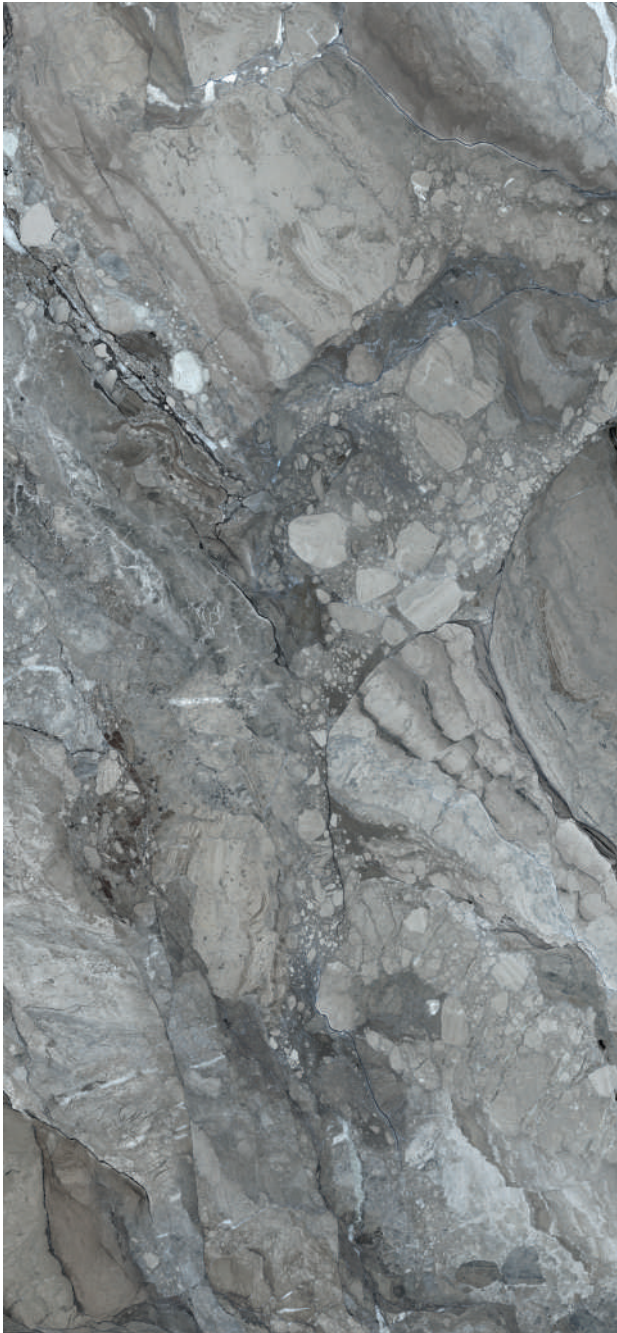
Panel A · **100323173** | Panel B · **100323202** | Panel C · **100323175**

Recommended gasket color · Anthracite · **100120608** **butech**
PORCELANOSA Group



Bronze Matt Horizontal Fold

MODEL	FORMAT	M ² / PANEL	PRICE GROUP	DRAWER				
				FORMAT	PANELS	M ² / DRAWER	KG DRAWER	TOTAL KG
Bericcio Bronze Matt	1200 x 2600 x 4 mm	3,12 m ²	GA 1	2720 x 1320 x 310 mm	25	78 m ²	80 kg	660 kg



Panel A

Panel B

Panel C

Panel A

Bericcio · Grey · Matt
1200 x 2600 x 4 mm

Panel A · **100323203** | Panel B · **100323204** | Panel C · **100323176**

Recommended gasket color · Cement · **100120620** **butech**
PORCELANOSA Group



Grey

Matt

Horizontal

Fold

MODEL	FORMAT	M ² / PANEL	PRICE GROUP	DRAWER				
				FORMAT	PANELS	M ² / DRAWER	KG DRAWER	TOTAL KG
Bericcio Grey Matt	1200 x 2600 x 4 mm	3,12 m ²	GA 1	2720 x 1320 x 310 mm	25	78 m ²	80 kg	660 kg



BEAUTIFUL MARBLE THAT WILL
ATTRACT ALL EYES



ALLUSLATE®

Calacatta



Calacatta Viola Glazed

Panel A · **100323182** | Panel B · **100323178** | Panel C · **100323199**

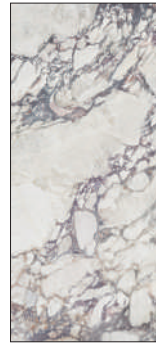




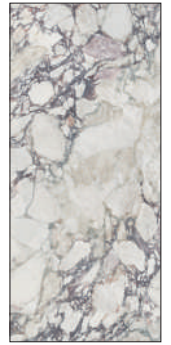
Panel A



Panel B



Panel C

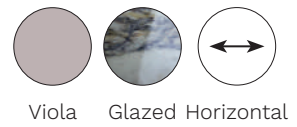


Panel A

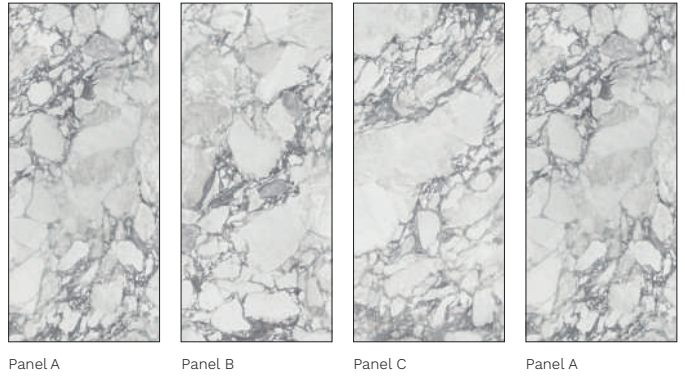
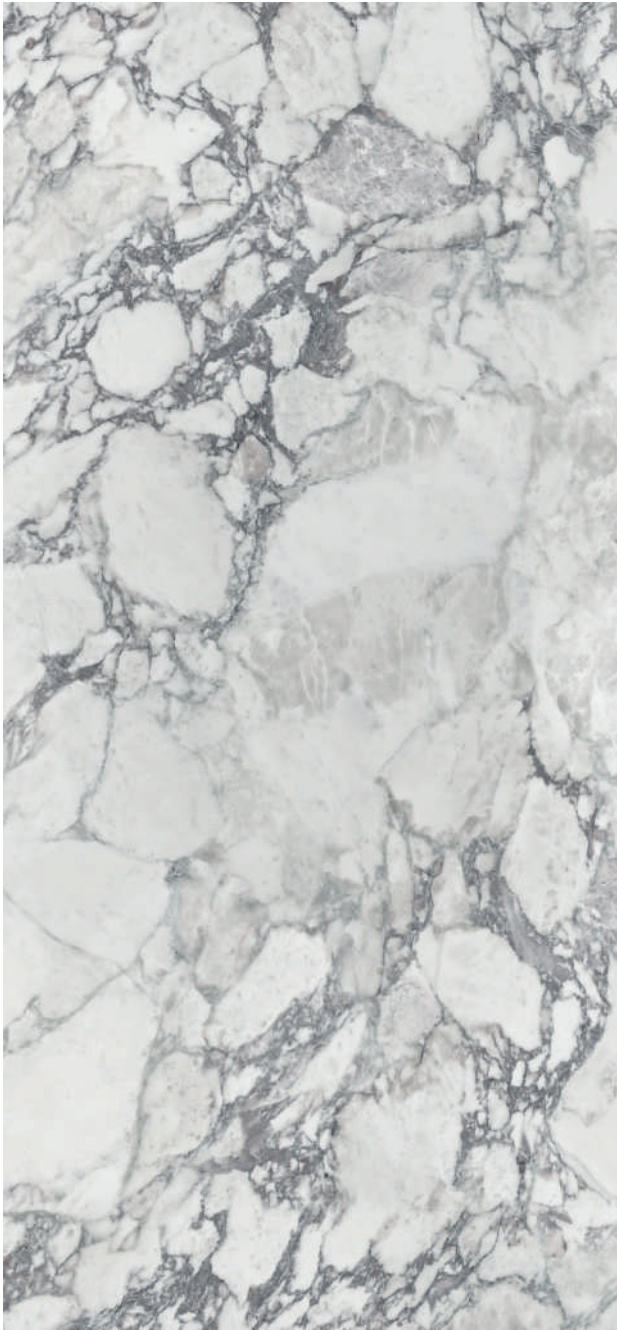
Calacatta · Viola · Glazed
1200 x 2600 x 4 mm

Panel A · **100323182** | Panel B · **100323178** | Panel C · **100323199**

Recommended gasket color · Grey · **10005816** **butech**
PORCELANOSA Group



MODEL	FORMAT	M ² / PANEL	PRICE GROUP	DRAWER				
				FORMAT	PANELS	M ² / DRAWER	KG DRAWER	TOTAL KG
Calacatta Viola Glazed	1200 x 2600 x 4 mm	3,12 m ²	GA 2	2720 x 1320 x 310 mm	25	78 m ²	80 kg	660 kg

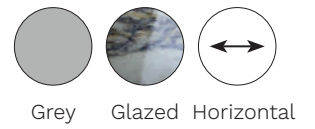


ALLUSLATE®

Calacatta · Grey · Glazed
1200 x 2600 x 4 mm

Panel A · **100323197** | Panel B · **100323177** | Panel C · **100323198**

Recommended gasket color · White · **100005814** **butech**
PORCELLANOSA Group



MODEL	FORMAT	M ² / PANEL	PRICE GROUP	DRAWER				
				FORMAT	PANELS	M ² / DRAWER	KG DRAWER	TOTAL KG
Calacatta Grey Glazed	1200 x 2600 x 4 mm	3,12 m ²	GA 2	2720 x 1320 x 310 mm	25	78 m ²	80 kg	660 kg



TIMELESSNESS
THAT CREATES ATMOSPHERES
FULL OF NUANCES



ALLUSLATE®

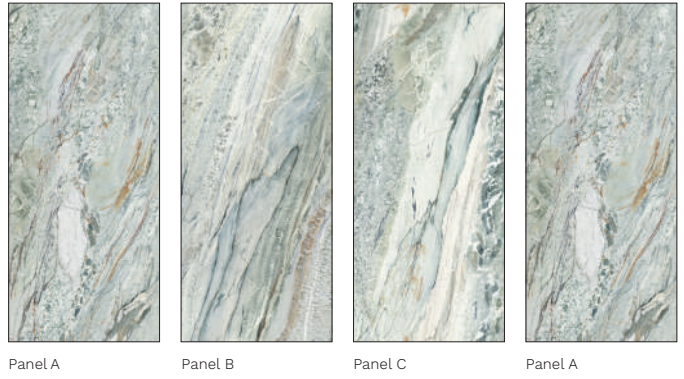
Forest



Forest Green Glazed

Panel A · **100323206** | Panel B · **100323212** | Panel C · **100323213**

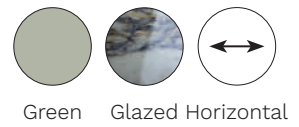




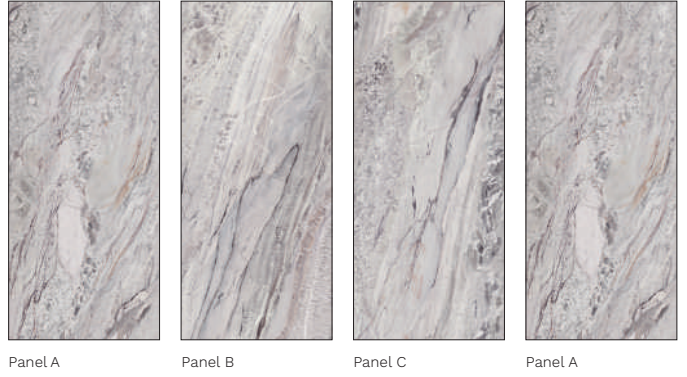
Forest · Green · Glazed
1200 x 2600 x 4 mm

Panel A · **100323206** | Panel B · **100323212** | Panel C · **100323213**

Recommended gasket color · White · **100005814** **butech**
PORCELANOSA Group



MODEL	FORMAT	M ² / PANEL	PRICE GROUP	DRAWER				
				FORMAT	PANELS	M ² / DRAWER	KG DRAWER	TOTAL KG
Forest Green Glazed	1200 x 2600 x 4 mm	3,12 m ²	GA 2	2720 x 1320 x 310 mm	25	78 m ²	80 kg	660 kg

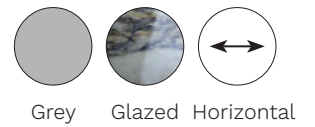


ALLUSLATE®

Forest · Grey · Glazed
1200 x 2600 x 4 mm

Panel A · **100323207** | Panel B · **100323221** | Panel C · **100323214**

Recommended gasket color · Grey · **100005816** **butech**
PORCELANOSA Group



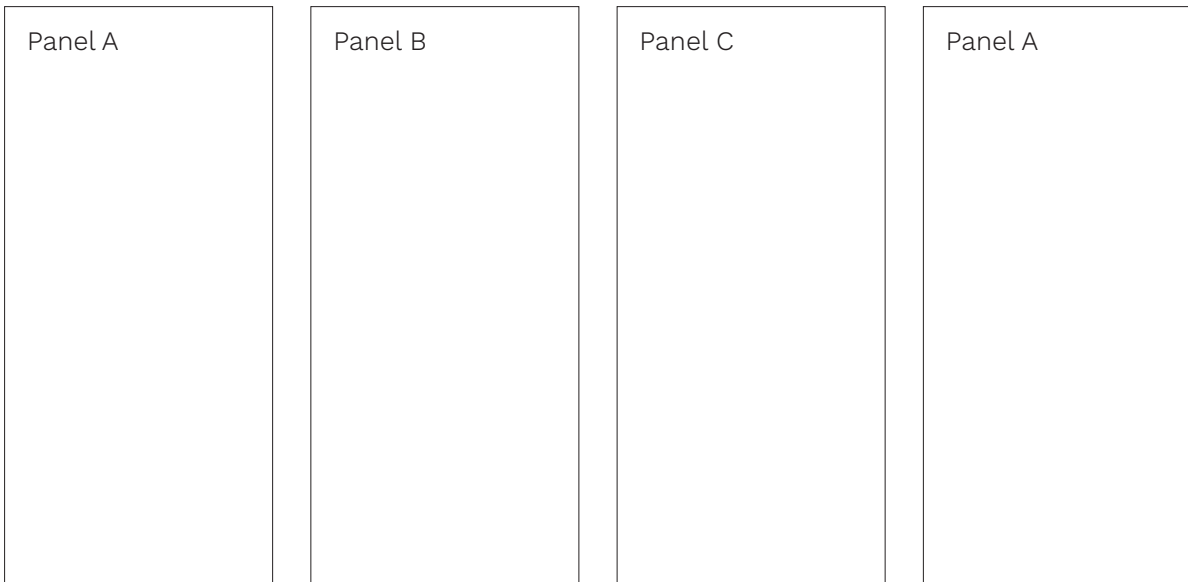
MODEL	FORMAT	M ² / PANEL	PRICE GROUP	DRAWER				
				FORMAT	PANELS	M ² / DRAWER	KG DRAWER	TOTAL KG
Forest Grey Glazed	1200 x 2600 x 4 mm	3,12 m ²	GA 2	2720 x 1320 x 310 mm	25	78 m ²	80 kg	660 kg

CONTINUITY OF INFINITE DESIGN



The Capricce, Amazonic and Nostalgia models have an infinite continuous design, successively placing the pieces both vertically and horizontally.
For sequential models, panels (A, B and C) must be requested with their respective SAP codes.

HORIZONTAL CONTINUITY



ALLUSLATE®

The Bericcio, Calacatta and Forest models have a horizontal continuity by successively placing the pieces in their position.

For sequential models, panels (A, B and C) must be requested with their respective SAP codes.

RANDOM DESIGN



In the Peak and Materica models, there is no continuous graphic development through the different pieces. **These models have at least 4 different faces that are supplied randomly under the same SAP code.**

RECOMMENDATIONS



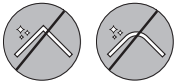
Sharp edges may cut.



During the handling and transformation of the panels, take special care not to hit the edges or rest on the decorated part.



It is possible to fold the material without heat input, (check the minimum radius of curvature).



The gloss finish does not allow folding or curving.



The tools to be used for its transformation are those normally used with Krion®.



The depth of the cutter directly influences the edge of the double.



Take special care when positioning the panel in the different transformation machines, since the aluminum shavings deposited in them from previous work could damage the surface of the panels.



It is advisable to clean the work surface thoroughly before starting to transform the panels if they are in contact with it with the decorated part.



To fold the panels, they must be machined from the rear, with the necessary tools for this purpose.



In the case of installations in humid areas, a joint sealant must be used to prevent leaks.



The anchoring system to the substrate will be by MS Polymer adhesive. Krion recommends The H920 from Butech. Double-sided tape will also be used if necessary to position the panel while the sealant cures.



The panels have a film on the back, which must be removed just before proceeding with the installation. It will never be installed with the film adhered. Only glazed-finish panels are secured on the front face by a protective transparent film. This must not be removed before final installation. Matt-finish panels do not have a protective film on their decorative side.

RECOMMENDATIONS



Indoor use only. Not recommended outdoors. Not suitable for flooring.



For joints between panels, consider both the expansion coefficient of the material and external aspects related to the environment where it is intended to be installed, as well as the installation systems and the substrate to be covered.



The roughness of matte finishes can be non-homogeneous even within the same production batch.



At the time of installation, it is recommended to previously present the panels to confirm graphic and chromatic continuity.



In the case of perforating the panel, it is not recommended for the perforated area to exceed 35% of the total surface of the panel.



The substrate must have adequate flatness, regularity and cleanliness to guarantee the correct fixing of the panels.



Severe damage such as a big bump or heavy scratch can cause a permanent defect. The panel is not repairable.








The panels have a production batch, and it must be taken into account that in projects in which they are installed sequentially or on the same level, they must come from the same batch.



The perpendicularity may not be perfect but should be within the tolerance limits, so when placing several panels an imbalance may appear that would make it necessary to carry out adjustments such as shimming, rectifying, and/or creating a joint.

ACCESSORIES FOR INSTALLATION

ADHESIVE CARTRIDGE AND SILICONE SEALANT								
MODEL	SAP			ADHESIVE CARTRIDGE		SILICONE SEALANT		
	Panel A	Panel B	Panel C	SAP	PRODUCT DESCRIPTION	COLOR	SAP	PRODUCT DESCRIPTION
Amazonic Green Matt	100323172	100323195	100323169	100292915	Adhesive Cartridge 290ml H-920 White	Black	100005817	s-107_n black
Amazonic Light Matt	100323200	100323196	100323201	100292915	Adhesive Cartridge 290ml H-920 White	White	100005814	s-107_n white
Nostalgia Bianco Matt	100323224	100323208	100323209	100292915	Adhesive Cartridge 290ml H-920 White	White	100005814	s-107_n white
Nostalgia Rose Matt	100323184	100323194	100323168	100292915	Adhesive Cartridge 290ml H-920 White	White	100005814	s-107_n white
Capricce Nocce Matt	100323211	100323205	100323220	100292915	Adhesive Cartridge 290ml H-920 White	Beige	100115950	s-107_n beige
Capricce Nero Matt	100323163	100323210	100323183	100292915	Adhesive Cartridge 290ml H-920 White	Black	100005817	s-107_n black
Materica Sand Matt	100323174	-	-	100292915	Adhesive Cartridge 290ml H-920 White	Ivory	100120621	s-107_n ivory
Materica Nut Matt	100323167	-	-	100292915	Adhesive Cartridge 290ml H-920 White	Beige	100115950	s-107_n beige
Materica Original Matt	100323223	-	-	100292915	Adhesive Cartridge 290ml H-920 White	Grey	100005816	s-107_n grey
Peak Acero Matt	100323179	-	-	100292915	Adhesive Cartridge 290ml H-920 White	Grey	100005816	s-107_n grey
Peak Topo Matt	100323222	-	-	100292915	Adhesive Cartridge 290ml H-920 White	Beige	100115950	s-107_n beige
Bericcio Bronze Matt	100323173	100323202	100323175	100292915	Adhesive Cartridge 290ml H-920 White	Anthracite	100120608	s-107_n anthracite
Bericcio Grey Matt	100323203	100323204	100323176	100292915	Adhesive Cartridge 290ml H-920 White	Cement	100120620	s-107_n cement
Calacatta Viola Glazed	100323182	100323178	100323199	100292915	Adhesive Cartridge 290ml H-920 White	Grey	100005816	s-107_n grey
Calacatta Grey Glazed	100323197	100323177	100323198	100292915	Adhesive Cartridge 290ml H-920 White	White	100005814	s-107_n white
Forest Green Glazed	100323206	100323212	100323213	100292915	Adhesive Cartridge 290ml H-920 White	White	100005814	s-107_n white
Forest Grey Glazed	100323207	100323221	100323214	100292915	Adhesive Cartridge 290ml H-920 White	Grey	100005816	s-107_n grey

PROFILES					
DESCRIPTION		SAP	DESCRIPTION		SAP
	ALLUS. ROUNDED END PROFILE 2700 SILVER	100323369		ALLUS. EXT. CORNER PROF. 2700 SILVER	100323382
	ALLUS. STRAIGHT END PROFILE 2700 SILVER	100323376		ALLUS. STRAIGHT UNION PROF. 2700 SILVER	100323392
	ALLUS. INT. CORNER PROF. 2700 SILVER	100323391			

TECHNICAL DATASHEET

Physical, usability and durability properties.

PROPERTY	TEST METHOD	MATT RESULT	GLAZED RESULT
Density	ISO 1183-1	1,67 g/cm ³	
Barcol hardness	ISO 19712	20	30
Pencil hardness	UNE-EN 13523-4	5H-4H	2H-H
Specular brightness	UNE-EN 13722	-20°	88,5
-60°		11,1	93,7
-85°		28,4	99,2
Thermal conductivity		UNE-EN 12667	0,1349 W/m· K a 10° C 0,1414 W/m· K a 22° C
Thermal resistance	UNE-EN 12667	0,0323 m ² K/W a 10° C 0,0308 m ² K/W a 22° C	
Wear resistance	UNE-EN 15185	30 cycles	130 cycles
Scratch resistance. Linear scratching	UNE-EN 15186	11 N	12 N
	UNE-EN 13523-12 / UNE-EN ISO 1518	> 20 N	> 20 N
Impact resistance. Direct forming	UNE-EN 13523-5/ ISO 6272-1	2,45 N	0,49 N
Impact resistance (titration)	ISO 4211-4	-Ball drop height 10 mm	5
-Ball drop height 25 mm		5	4
-Ball drop height 50 mm		4	4
-Ball drop height 100 mm		4	3
-Ball drop height 200 mm		4	3
-Ball drop height 400 mm		4	3
Coating adhesion (% detachment)		UNE-EN 56875/ UNE-EN 56867	0 (No detachment)
Coating adhesion	ISO 2409	45-50 µm	90-95 µm
-Thickness		0	0
-Titration		(No deterioration)	(No deterioration)
Resistance to moisture and drying cycles (titration)	UNE-EN 14428	No unsticking between sheets No surface deterioration Correct	

Mechanical, structural and safety properties.

PROPERTY	TEST METHOD	RESULT
Dimensional stability at high temperature	UNE-EN 438-2	0,110 % ⁽¹⁾
Dimensional stability at variations in relative humidity and room temperature	ISO 4586-2	0,02 % ⁽¹⁾
Coefficient of linear Thermal expansion	ISO 11359-2	83 x 10 ⁻⁶ °C ⁻¹

(1) No surface deterioration or detachment of aluminum foils on the panel core.

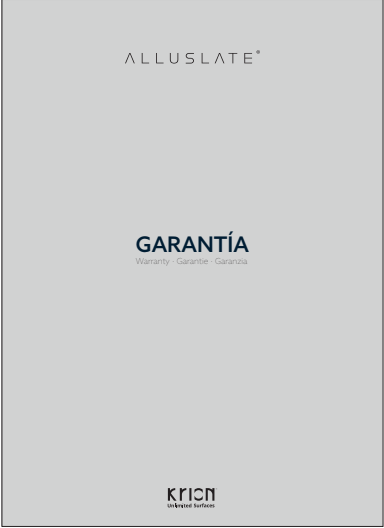
Hygienic, maintenance and sustainability properties.

PROPERTY	TEST METHOD	RESULT
Resistance to chemicals and stains	UNE-EN 14428	No deterioration Correct
Surface resistance to cold liquids (titration)	UNE-EN 12720	5 No change
Resistance to cleaning products and other bathroom characteristics. Washout fronts (titration)	UNE-EN 56867	Compliant
Kitchen furniture. Resistance to cold food products and cleaning products. (titration)	UNE-EN 56875	No deterioration Compliant Heavy use
Resistance to bacteria	UNE-EN ISO 846 (Method C)	Gram-negative bacteria <i>Pseudomonas aeruginosa</i> ATCC13388 Absence of bacterial growth
Resistance to fungi	UNE-EN ISO 846 (Method A)	<i>Aspergillus niger</i> van Tieghem, <i>Penicillium funiculosum</i> Thom, <i>Paecilomyces variotii</i> Bainier, <i>Gliocadium virens</i> Miller et al, <i>Chaetomium globosum</i> Kunze It does not allow any fungus to grow
Emission of volatile organic compounds	UL 2818-2013	Greenguard Gold
	ISO 16000-6	Alluslate® MATT meets Class A+ requirements
	French legislation	Alluslate® GLAZED meets Class A requirements

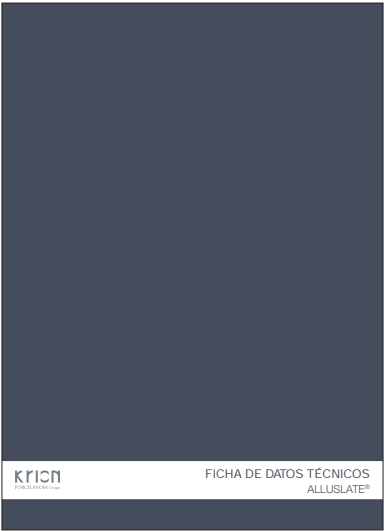
Fire-resistant properties.

PROPERTY	TEST METHOD	RESULT
Classification of fire behavior of construction products and building elements (Euroclasses)	UNE-EN 13501	B s1 d0

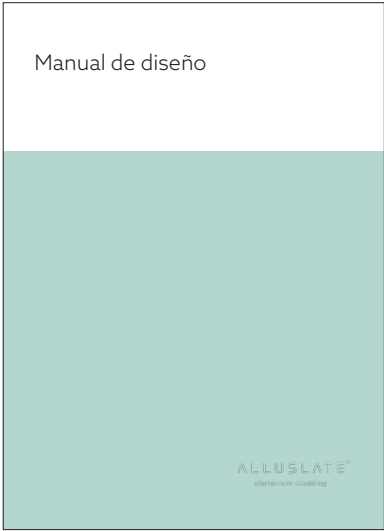
DOWNLOAD MANUALS



Warranty

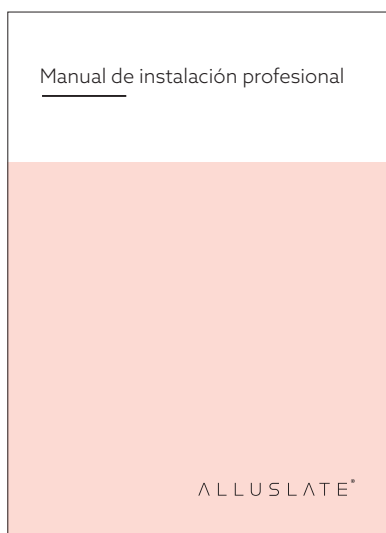


Data sheet

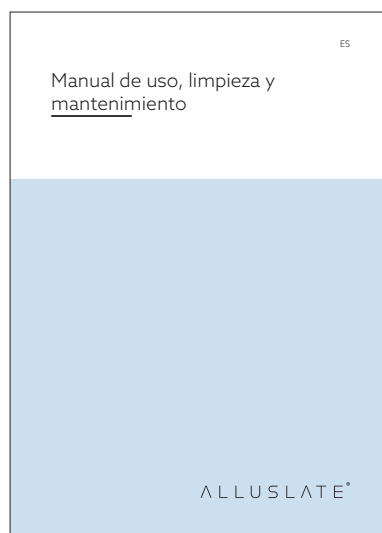


Design manual





Installation Manual



Maintenance manual



KRION
PORCELANOSA Grupo

Ctra. Vila-real-Puebla de Arenoso (CV20) Km 1 · 12540
VILA-REAL (CASTELLÓN) SPAIN
PO/BOX. 372 - Tel: (+34) 964 50 64 64 Fax. (+34) 964 50 64 81
krion@krion.com / www.krion.com