## ALLUSLATE



What is Alluslate?. 2. Froperties. 6.

Benefits. 8. Uses and applications. 12.

Versatility of designs. 14. Amazonic. 16.

Nostalgia. 22. Capricce. 28. Materica. 34.

Peak. 42. Timber. 48. Bericcio. 54. Calacatta.
60 Forest. 66. Technical ocumentation. 72.



Allustate:

The high-performance and easy-to-install interior panel

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.

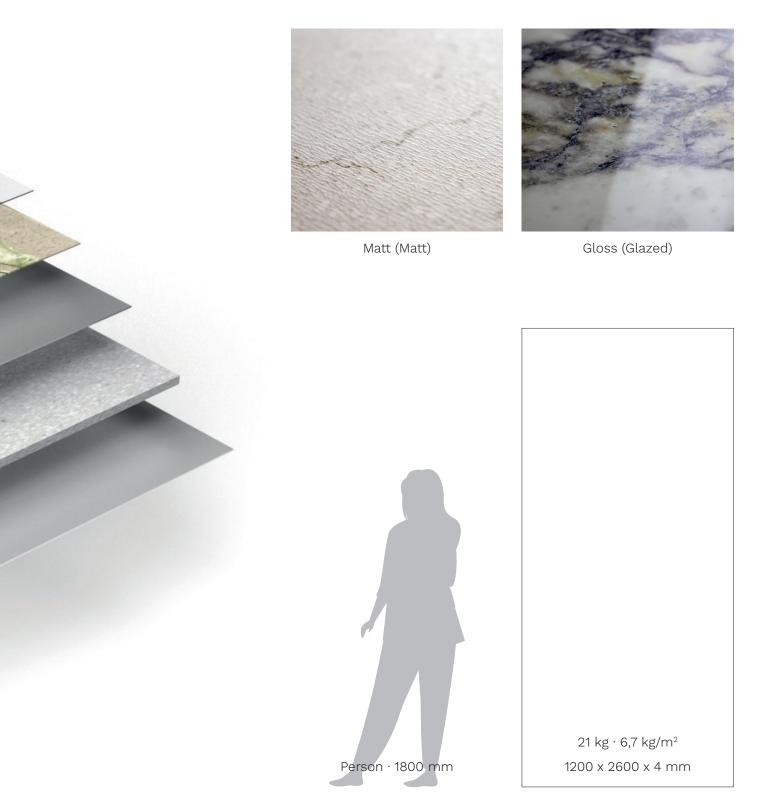
The upper sheet is decorated using **advanced printing techniques** and then protected by a coating that will determine the final finish: **Matt (Matt) or Gloss (Glazed)**.

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.



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.



Lightness and flexibility

Water-resistant cover

Fire resistant

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.

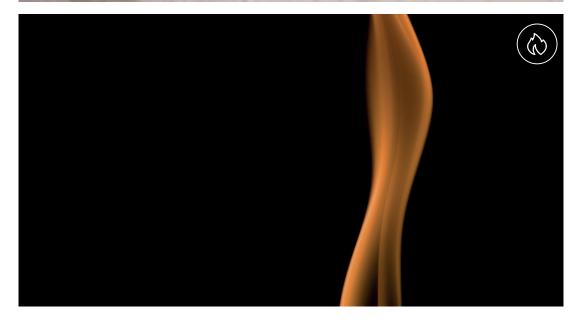
The panels are covered by a technical protection layer that encapsulates the décor, preserving it from wear. Neither the Matt nor the Glazed Alluslate finishes absorb liquids. This means the panels can be installed in splash areas such as shower interiors and sink fronts.

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

Fire behavior Euroclass B s1 d0.













Easy machining with simple tools
Adaptability and large surface
Continuity

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.

Easy to assemble
Stain-resistant
Easy to clean

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.

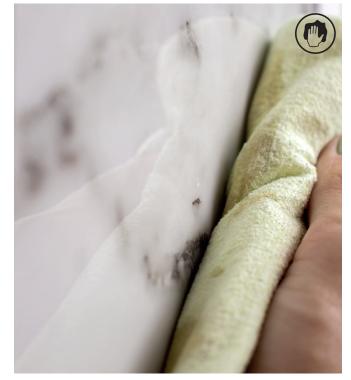
This advantage allows the image of a project to be changed, whether commercial or residential, without interfering with its development.

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.







## 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 Peak Matt

Versatility of designs



Timber · Matt Bericcio · Matt Calacatta · Glazed / Matt

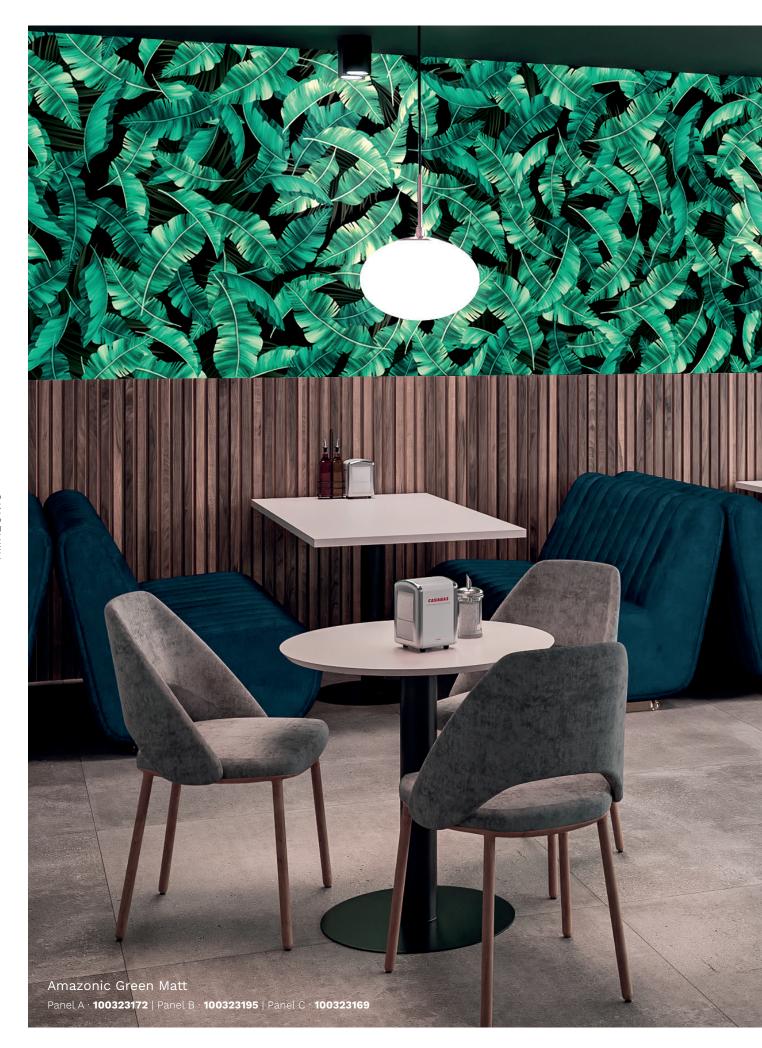
Forest · Glazed / Matt



SOPHISTICATION AND TREND COMBINED IN A UNIQUE DESIGN

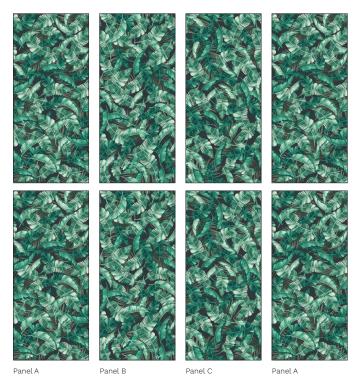


Amazonic









Amazonic · Green · Matt 1200 x 2600 x 4 mm

Panel A  $\cdot$  100323172 | Panel B  $\cdot$  100323195 | Panel C  $\cdot$  100323169

Recommended gasket color · Black • 100005817 butch



Green



Matt



Infinity



Fold

						DRAWER		
MODEL	FORMAT	M <sup>2</sup> / PANEL	PRICE GROUP	FORMAT	PANELS	M² / DRAWER	KG DRAWER	TOTAL KG
Amazonic Green Matt	1200 x 2600 x 4 mm	3,12 m²	GA 1	2720 x 1320 x 310 mm	25	78 m²	80 kg	660 kg

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Amazonic · Light · Matt 1200 × 2600 × 4 mm

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

Recommended gasket color · White • 100005814 butch





Light Matt Infinity Fold

						DRAWER		
MODEL	FORMAT	M <sup>2</sup> / PANEL	PRICE GROUP	FORMAT	PANELS	M² / DRAWER	KG DRAWER	TOTAL KG
Amazonic Light Matt	1200 x 2600 x 4 mm	3,12 m²	GA 1	2720 x 1320 x 310 mm	25	78 m²	80 kg	660 kg

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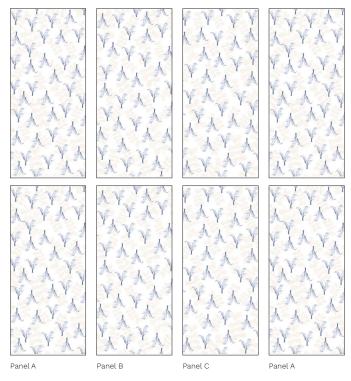












Nostalgia · Blanco · Matt 1200 x 2600 x 4 mm

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

Recommended gasket color · White • 100005814 butch









White

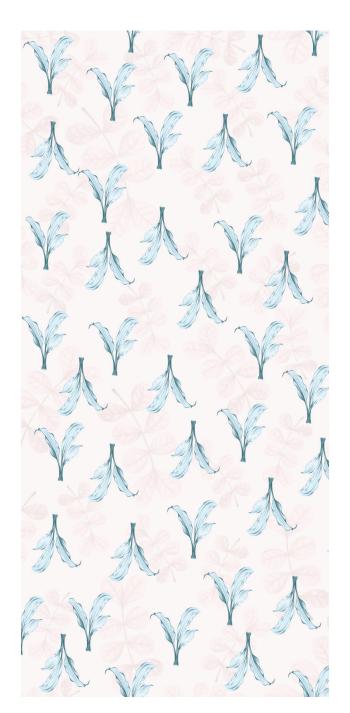
Matt

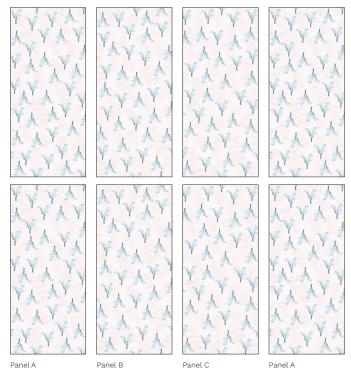
tt Infinity

nity Fold

						DRAWER		
MODEL	FORMAT	M <sup>2</sup> / PANEL	PRICE GROUP	FORMAT	PANELS	M <sup>2</sup> / DRAWER	KG DRAWER	TOTAL KG
Nostalgia White Matt	1200 x 2600 x 4 mm	3,12 m²	GA 1	2720 x 1320 x 310 mm	25	78 m²	80 kg	660 kg

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Nostalgia · Rose · Matt 1200 × 2600 × 4 mm

Panel A  $\cdot$  100323184 | Panel B  $\cdot$  100323194 | Panel C  $\cdot$  100323168

Recommended gasket color · White • 100005814 butch





Rose Matt Infinity

						DRAWER		
MODEL	FORMAT	M <sup>2</sup> / PANEL	PRICE GROUP	FORMAT	PANELS	M² / DRAWER	KG DRAWER	TOTAL KG
Nostalgia Rose Matt	1200 x 2600 x 4 mm	3,12 m²	GA 1	2720 x 1320 x 310 mm	25	78 m²	80 kg	660 kg

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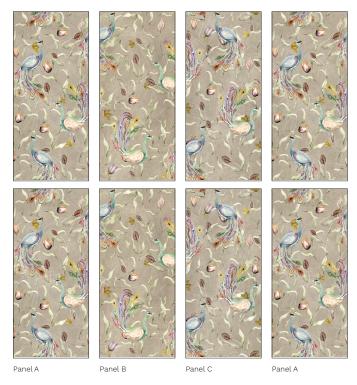












Capricce · Nocce · Matt 1200 x 2600 x 4 mm

Capricce Nocce Matt

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

1200 x 2600 x 4 mm

Recommended gasket color · Beige · 100115950



Nocce

78 m²



Matt

80 kg



Infinity



660 kg

DRAWER MODEL FORMAT M<sup>2</sup> / PANEL PRICE GROUP FORMAT PANELS M<sup>2</sup> / DRAWER KG DRAWER TOTAL KG 2720 x 1320 x 310 mm 25

GA 1

3,12 m<sup>2</sup>

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Capricce · Nero · Matt 1200 x 2600 x 4 mm

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



Nero



Matt



Infinity



Fold

Recommended gasket color · Black • 100005817

						DRAWER		
MODEL	FORMAT	M <sup>2</sup> / PANEL	PRICE GROUP	FORMAT	PANELS	M <sup>2</sup> / DRAWER	KG DRAWER	TOTAL KG
Capricce Nero Matt	1200 x 2600 x 4 mm	3,12 m²	GA 1	2720 x 1320 x 310 mm	25	78 m²	80 kg	660 kg

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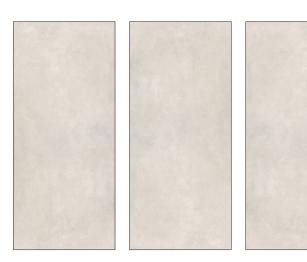
THE SIMPLICITY AND BEAUTY OF RAW MATERIALS











Materica · Sand · Matt 1200 x 2600 x 4 mm

Panel · **100323174** 

Recommended gasket color · Ivory • 100120621 butch





Sand Matt Random Fold

						DRAWER		
MODEL	FORMAT	M <sup>2</sup> / PANEL	PRICE GROUP	FORMAT	PANELS	M² / DRAWER	KG DRAWER	TOTAL KG
Materica Sand Matt	1200 x 2600 x 4 mm	3,12 m²	GA 1	2720 x 1320 x 310 mm	25	78 m²	80 kg	660 kg

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Materica · Nut · Matt 1200 x 2600 x 4 mm

Panel · **100323167** 

Recommended gasket color · Beige · 100115950 butch





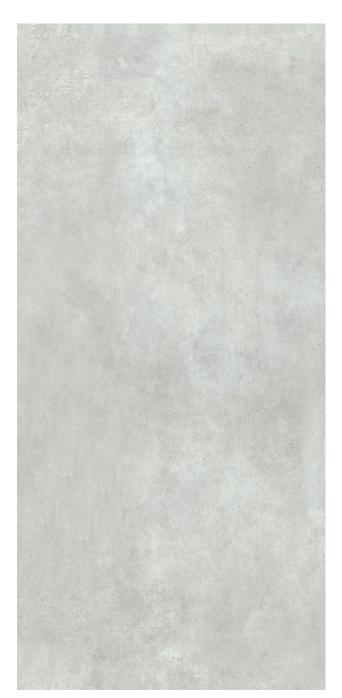




Matt Random Fold

						DRAWER		
MODEL	FORMAT	M <sup>2</sup> / PANEL	PRICE GROUP	FORMAT	PANELS	M² / DRAWER	KG DRAWER	TOTAL KG
Materica Nut Matt	1200 x 2600 x 4 mm	3,12 m²	GA 1	2720 x 1320 x 310 mm	25	78 m²	80 kg	660 kg

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Materica · Original · Matt 1200 x 2600 x 4 mm

Panel · **100323223** 

Recommended gasket color · Grey • 100005816 buttech









Original Matt Random Fold

						DRAWER		
MODEL	FORMAT	M <sup>2</sup> / PANEL	PRICE GROUP	FORMAT	PANELS	M² / DRAWER	KG DRAWER	TOTAL KG
Materica Original Matt	1200 x 2600 x 4 mm	3,12 m²	GA 1	2720 x 1320 x 310 mm	25	78 m²	80 kg	660 kg

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THE VALUE OF DETAIL



t eak













Peak · Acero · Matt 1200 x 2600 x 4 mm

Panel · **100323179** 

Recommended gasket color · Grey • 100005816 butch









Acero Matt Random Fold

						DRAWER		
MODEL	FORMAT	M <sup>2</sup> / PANEL	PRICE GROUP	FORMAT	PANELS	M² / DRAWER	KG DRAWER	TOTAL KG
Peak Acero Matt	1200 x 2600 x 4 mm	3,12 m²	GA 1	2720 x 1320 x 310 mm	25	78 m²	80 kg	660 kg

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Peak · Topo · Matt 1200 x 2600 x 4 mm

Panel · **100323222** 

Recommended gasket color · Beige · 100115950 butch

To









Topo Matt

Matt Random Fold

						DRAWER		
MODEL	FORMAT	M <sup>2</sup> / PANEL	PRICE GROUP	FORMAT	PANELS	M² / DRAWER	KG DRAWER	TOTAL KG
Peak Topo Matt	1200 x 2600 x 4 mm	3,12 m²	GA 1	2720 x 1320 x 310 mm	25	78 m²	80 kg	660 kg

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Panel A Panel B Panel C Panel A

Timber · Oak · Matt 2600 x 1200 x 4 mm

Panel A  $\cdot$  100339361 | Panel B  $\cdot$  100339332 | Panel C  $\cdot$  100339349

Recommended gasket color · Ivory • 100120621 butch







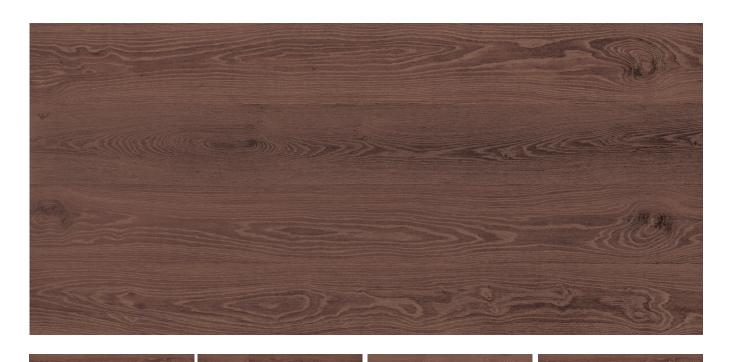


Light Brown

Matt Horizontal Fold

						DRAWER		
MODEL	FORMAT	M <sup>2</sup> / PANEL	PRICE GROUP	FORMAT	PANELS	M <sup>2</sup> / DRAWER	KG DRAWER	TOTAL KG
Timber Oak Matt	1200 x 2600 x 4 mm	3,12 m²	GA 1	2720 x 1320 x 310 mm	25	78 m²	80 kg	660 kg

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Timber · Walnut · Matt 2600 x 1200 x 4 mm

Panel A · 100353128 | Panel B · 100353129 | Panel C · 100353130

Recommended gasket color · Black • 100005817







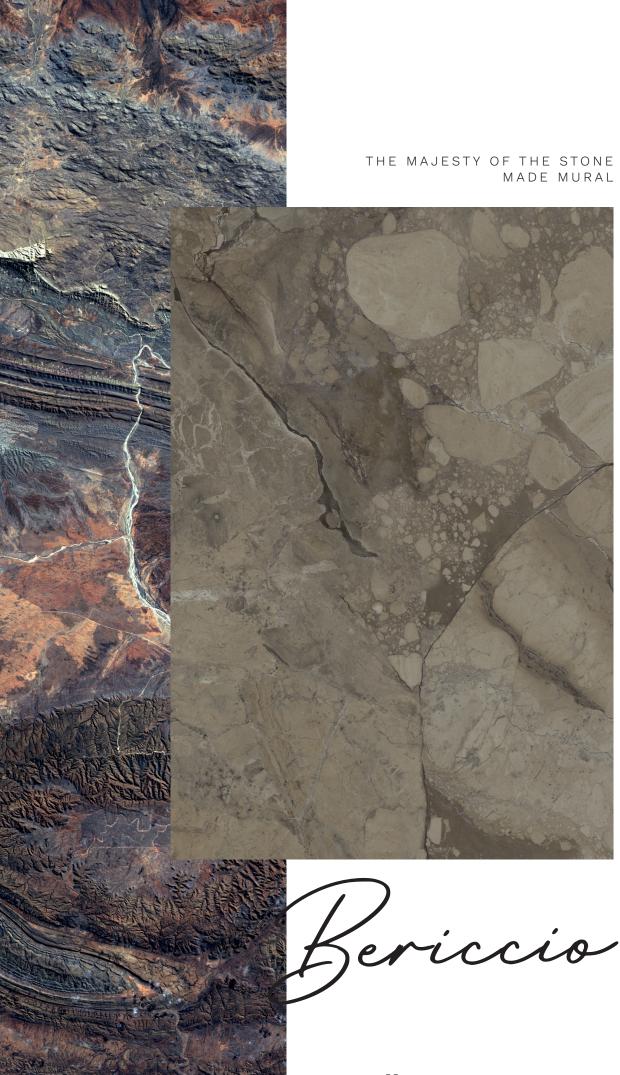


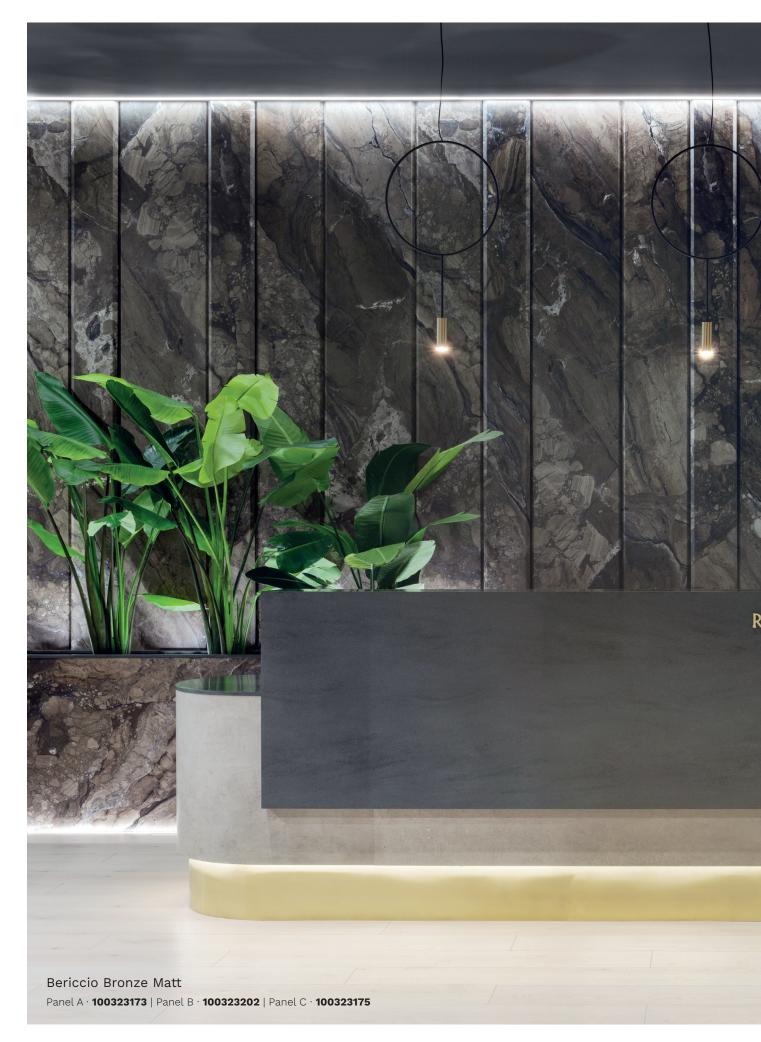
Brown Matt Horizontal Fold

						DRAWER		
MODEL	FORMAT	M² / PANEL	PRICE GROUP	FORMAT	PANELS	M² / DRAWER	KG DRAWER	TOTAL KG
Timber Walnut Matt	1200 x 2600 x 4 mm	3,12 m²	GA 1	2720 x 1320 x 310 mm	25	78 m²	80 kg	660 kg

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Bericcio · Bronze · Matt 1200 x 2600 x 4 mm

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

Recommended gasket color · Anthracite · 100120608





						DRAWER		
MODEL	FORMAT	M <sup>2</sup> / PANEL	PRICE GROUP	FORMAT	PANELS	M² / DRAWER	KG DRAWER	TOTAL KG
Bericcio Bronze Matt	1200 x 2600 x 4 mm	3,12 m²	GA 1	2720 x 1320 x 310 mm	25	78 m²	80 kg	660 kg

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Bericcio · Grey · Matt

1200 x 2600 x 4 mm

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

Recommended gasket color · Cement · 100120620 butch









Grey

Matt Horizontal

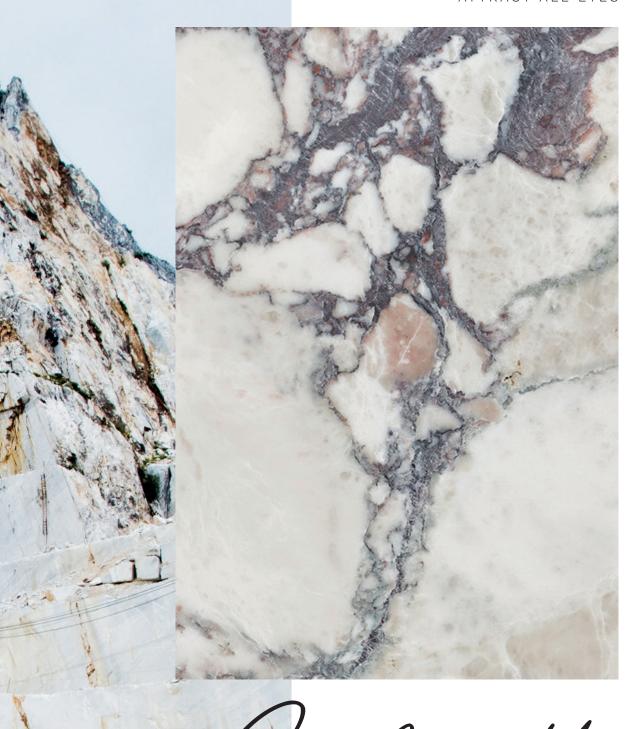
. Fold

						DRAWER		
MODEL	FORMAT	M <sup>2</sup> / PANEL	PRICE GROUP	FORMAT	PANELS	M² / DRAWER	KG DRAWER	TOTAL KG
Bericcio Grey Matt	1200 x 2600 x 4 mm	3,12 m²	GA 1	2720 x 1320 x 310 mm	25	78 m²	80 kg	660 kg

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BEAUTIFUL MARBLE THAT WILL ATTRACT ALL EYES











Calacatta · Viola · Glazed / Matt

1200 x 2600 x 4 mm

**Glazed:** Panel A  $\cdot$  100323182 | Panel B  $\cdot$  100323178 | Panel C  $\cdot$  100323199 Matt: Panel A  $\cdot$  100344217 | Panel B  $\cdot$  100344219 | Panel C  $\cdot$  100344221

Recommended gasket color · Grey · 100005816 butech







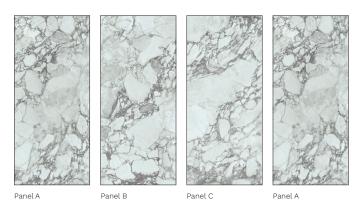
Viola Glazed

Matt Horizontal

						DRAWER		
MODEL	FORMAT	M <sup>2</sup> / PANEL	PRICE GROUP	FORMAT	PANELS	M² / DRAWER	KG DRAWER	TOTAL KG
Calacatta Viola Glazed	1200 x 2600 x 4 mm	3,12 m²	GA 2	2720 x 1320 x 310 mm	25	78 m²	80 kg	660 kg
Calacatta Viola Matt	1200 x 2600 x 4 mm	3,12 m²	GA 1	2720 x 1320 x 310 mm	25	78 m²	80 kg	660 kg

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Calacatta · Grey · Glazed / Matt 1200 x 2600 x 4 mm

**Glazed:** Panel A  $\cdot$  100323197 | Panel B  $\cdot$  100323177 | Panel C  $\cdot$  100323198 **Matt:** Panel A  $\cdot$  100344222 | Panel B  $\cdot$  100344223 | Panel C  $\cdot$  100344224

Recommended gasket color · White • 100005814 butch









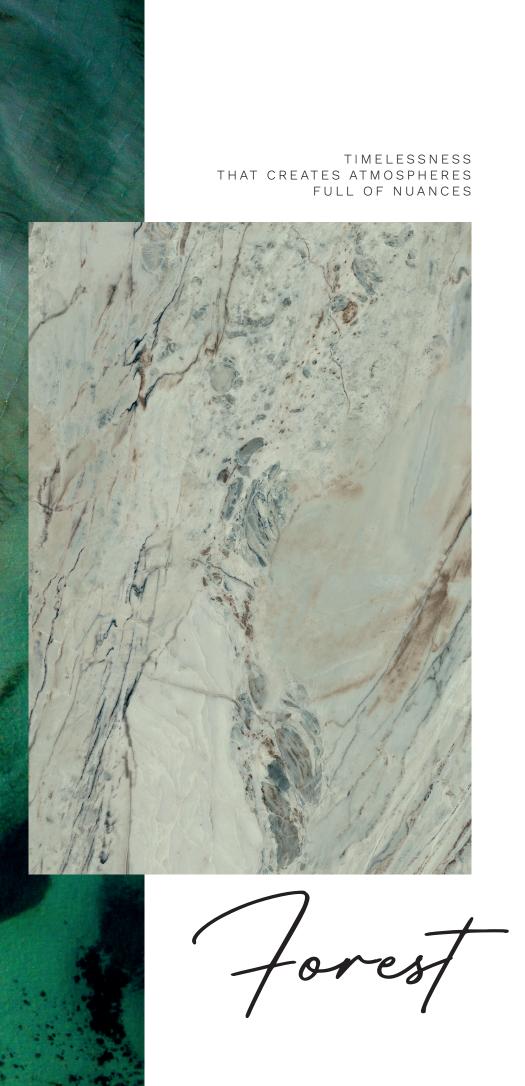
Grey Glazed

Matt Horizontal

						DRAWER		
MODEL	FORMAT	M <sup>2</sup> / PANEL	PRICE GROUP	FORMAT	PANELS	M² / DRAWER	KG DRAWER	TOTAL KG
Calacatta Grey Glazed	1200 x 2600 x 4 mm	3,12 m²	GA 2	2720 x 1320 x 310 mm	25	78 m²	80 kg	660 kg
Calacatta Grey Matt	1200 x 2600 x 4 mm	3,12 m²	GA 1	2720 x 1320 x 310 mm	25	78 m²	80 kg	660 kg

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Forest · Green · Glazed / Matt 1200 x 2600 x 4 mm

**Glazed:** Panel A  $\cdot$  100323206 | Panel B  $\cdot$  100323212 | Panel C  $\cdot$  100323213 **Matt:** Panel A  $\cdot$  **100344225** | Panel B  $\cdot$  **100344226** | Panel C  $\cdot$  **100344227** 

Recommended gasket color · White • 100005814 butech





						DRAWER		
MODEL	FORMAT	M <sup>2</sup> / PANEL	PRICE GROUP	FORMAT	PANELS	M <sup>2</sup> / DRAWER	KG DRAWER	TOTAL KG
Forest Green Glazed	1200 x 2600 x 4 mm	3,12 m²	GA 2	2720 x 1320 x 310 mm	25	78 m²	80 kg	660 kg
Forest Green Matt	1200 x 2600 x 4 mm	3,12 m²	GA 1	2720 x 1320 x 310 mm	25	78 m²	80 kg	660 kg

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Forest · Grey · Glazed / Matt 1200 x 2600 x 4 mm

**Glazed:** Panel A  $\cdot$  **100323207** | Panel B  $\cdot$  **100323221** | Panel C  $\cdot$  **100323214 Matt:** Panel A  $\cdot$  **100344228** | Panel B  $\cdot$  **100344229** | Panel C  $\cdot$  **100344230** 

Recommended gasket color · Grey · 100005816 butech









Glazed Matt Horizontal

						DRAWER		
MODEL	FORMAT	M <sup>2</sup> / PANEL	PRICE GROUP	FORMAT	PANELS	M² / DRAWER	KG DRAWER	TOTAL KG
Forest Grey Glazed	1200 x 2600 x 4 mm	3,12 m²	GA 2	2720 x 1320 x 310 mm	25	78 m²	80 kg	660 kg
Forest Grey Matt	1200 x 2600 x 4 mm	3,12 m²	GA 1	2720 x 1320 x 310 mm	25	78 m²	80 kg	660 kg

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TECHNICAL DOCUMENTATION

#### CONTINUITY OF INFINITE DESIGN



Panel A	Panel B	Panel C	Panel A
Panel A	Panel B	Panel C	Panel A

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



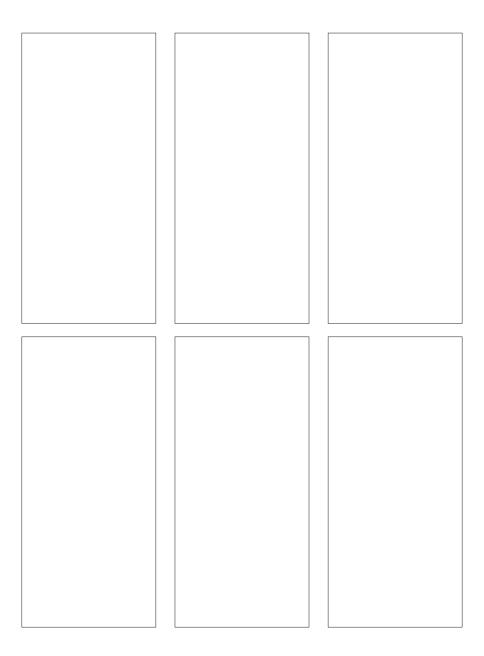
Panel A	Panel B	Panel C	Panel A

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		ADH	ESIVE CARTRIDGE		SILICONE SEALANT					
		Panel A	Panel B	Panel C	SAP	PRODUCT DESCRIPT	TION	COLOR	SAP	PRODUCT DESCRIPTION
Amazonic G	ireen Matt	100323172	100323195	100323169	100292915	Adhesive Cartridg 290ml H-920 Whi		Black	100005817	s-107_n black
Amazonic L	ight Matt	100323200	100323196	100323201	100292915	Adhesive Cartridg 290ml H-920 Whi		White	100005814	s-107_n white
Nostalgia Bia	anco Matt	100323224	100323208	100323209	100292915	Adhesive Cartridg 290ml H-920 Whi		White	100005814	s-107_n white
Nostalgia R	lose Matt	100323184	100323194	100323168	100292915	Adhesive Cartridg 290ml H-920 Whi		White	100005814	s-107_n white
Capricce No	occe Matt	100323211	100323205	100323220	100292915	Adhesive Cartridg 290ml H-920 Whit		Beige	100115950	s-107_n beige
Capricce N	lero Matt	100323163	100323210	100323183	100292915	Adhesive Cartridg 290ml H-920 Whit		Black	100005817	s-107_n black
Materica Sa	and Matt	100323174	-	-	100292915	Adhesive Cartridg 290ml H-920 Whit		Ivory	100120621	s-107_n ivory
Materica N	Nut Matt	100323167	-	-	100292915	Adhesive Cartridg 290ml H-920 Whi		Beige	100115950	s-107_n beige
Materica Ori	iginal Matt	100323223	-	-	100292915	Adhesive Cartridg 290ml H-920 Whit		Grey	100005816	s-107_n grey
Peak Acer	ro Matt	100323179	-	-	100292915	Adhesive Cartridg 290ml H-920 Whit		Grey	100005816	s-107_n grey
Peak Top	o Matt	100323222	-	-	100292915	Adhesive Cartridg 290ml H-920 Whit		Beige	100115950	s-107_n beige
Timber Oa	ak Matt	100339361	100339332	100339349	100292915	Adhesive Cartridg 290ml H-920 Whi		Ivory	100120621	s-107_n ivory
Timber Wal	lnut Matt	100353128	100353129	100353130	100292915	Adhesive Cartridg 290ml H-920 Whit		Black	100005817	s-107_n black
Bericcio Bro	onze Matt	100323173	100323202	100323175	100292915	Adhesive Cartridg 290ml H-920 Whi		Anthracite	100120608	s-107_n anthracite
Bericcio G	rey Matt	100323203	100323204	100323176	100292915	Adhesive Cartridg 290ml H-920 Whi		Cement	100120620	s-107_n cement
Calacatta Vic	ola Glazed	100323182	100323178	100323199	100292915	Adhesive Cartridg 290ml H-920 Whi		Grey	100005816	s-107_n grey
Calacatta V	iola Matt	100344217	100344219	100344221	100292915	Adhesive Cartridg 290ml H-920 Whi		Grey	100005816	s-107_n grey
Calacatta Gr	ey Glazed	100323197	100323177	100323198	100292915	Adhesive Cartridg 290ml H-920 Whi		White	100005814	s-107_n white
Calacatta G	Grey Matt	100344222	100344223	100344224	100292915	Adhesive Cartridg 290ml H-920 Whi		White	100005814	s-107_n white
Forest Gree	en Glazed	100323206	100323212	100323213	100292915	Adhesive Cartridg 290ml H-920 Whi		White	100005814	s-107_n white
Forest Gre	en Matt	100344225	100344226	100344227	100292915	Adhesive Cartridg 290ml H-920 Whi		White	100005814	s-107_n white
Forest Grey	y Glazed	100323207	100323221	100323214	100292915	Adhesive Cartridg 290ml H-920 Whi		Grey	100005816	s-107_n grey
Forest Gre	ey Matt	100344228	100344229	100344230	100292915	Adhesive Cartridg 290ml H-920 Whi		Grey	100005816	s-107_n grey
PROFILES										
DESCRIPTION			SAP		DESCRIPTION		SAP			
ALLUS. ROUNDED END PROFILE 2700 SILVER		100323369		ALLUS. EXT. CORNER PROF. 2700 SILVER 10032		100323382				
Γ	ALLUS. STRAIGHT END PROFILE 2700 SILVER		100323376	T	ALLUS. ST	traight union f	PROF. 2700 SILVER	100323392		
6	ALLUS.	INT. CORNER P	ROF. 2700 SIL	VER	100323391					

# TECHNICAL DATASHEET

# Physical, usability and durability properties.

PROPERTY	TEST METHOD	MATT RESULT	GLAZED RESULT		
Density	ISO 1183-1	1,67 g/cm³			
Barcol hardness	ISO 19712	20	30		
Pencil hardness	UNE-EN 13523-4	5H-4H	2Н-Н		
Specular brightness					
-20°	UNE-EN 13722	1,2	88,5		
-60°	0112 211 10122	11,1	93,7		
-85°		28,4	99,2		
Thermal conductivity	UNE-EN 12667	0,13	49 W/m· K a 10° C		
mermat conductivity		0,1414 W/m· K a 22° C			
		0,0323 m <sup>2.</sup> K/W a 10° C			
Thermal resistance	UNE-EN 12667		08 m². K/W a 22° C		
Wear resistance	UNE-EN 15185	30 cycles	130 cycles		
	UNE-EN 15186	11 N	12 N		
Scratch resistance. Linear scratching	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)					
-Ball drop height 10 mm		5	5		
-Ball drop height 25 mm		5	4		
-Ball drop height 50 mm	ISO 4211-4	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/	0	0		
	UNE-EN 56867	(No detachment)	(No detachment)		
Coating adhesion		45-50 μm	90-95 μm		
-Thickness	ISO 2409	0	0		
-Titration		(No deterioration)	(No deterioration)		
		No unst	No unsticking between sheets		
Resistance to moisture and drying cycles (titration)	UNE-EN 14428	No surface deterioration			
(condition)		Correct			

# Mechanical, structural and safety properties.

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

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

# Hygienic, maintenance and sustainability properties.

TEST METHOD	RESULT
UNE-EN 14428	No deterioration Correct
UNE-EN 12720	5 No change
UNE-EN 56867	Compliant
UNE-EN 56875	No deterioration Compliant Heavy use
UNE-EN ISO 846 (Method C)	Gram-negative bacteria Pseudomonas aeruginosa ATCC13388 Absence of bacterial growth
UNE-EN ISO 846 (Method A)	Aspergillus niger van Tieghem, Penicillium funiculosur Thom, Paecilomyces variotii Bainier, Gliocadium virens Miller et al, Chaetomium globosum Kunze It does not allow any fungus to grow
UL 2818-2013	Greenguard Gold
ISO 16000-6 French legislation	Alluslate® MATT meets  Class A+ requirements  Alluslate® GLAZED meets
	UNE-EN 14428  UNE-EN 12720  UNE-EN 56867  UNE-EN 56875  UNE-EN ISO 846 (Method C)  UNE-EN ISO 846 (Method A)  UL 2818-2013

#### 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



Manual de instalación profesional

Manual de uso, limpieza y mantenimiento

**Installation Manual** 



Maintenance manual





