


MONOCHROM

V I B R A T I O N

 polyrey®



MONOCHROM
V I B R A T I O N



Monochrom Vibration, for a visual and sensory journey.
Inspired by nature and the power of the elements, Monochrom Vibration reinvents
nuances of black and white, while playing on contrasts, decors and textures.
The aesthetic quality of Monochrom brings out the magic of the material and the
way it feels. This makes it perfect for prestigious projects, designer spaces and
furniture, reception areas, and more for graphic effects and pure lines.



VELVET LIGHT

Paired with a natural wood decor, "Blanc Névé TOUCH" creates a soft, warm atmosphere with a Scandinavian influence. The smooth feel of the structure provides infinite possibilities for use. The anti-fingerprint TOUCH finish is pure, peaceful white with an intense matt quality.





B188
Blanc Nivé
TOUCH

Woodgrain decor :
M122 Multiplis Nature
EXTRAMAT



NATURAL ELEGANCE

Black with a white vein, white with a black vein, the two colours of absolute elegance draw inspiration from the most beautiful marble to create resolutely modern decors. The Calacatta and Marquina decors are ideal for bringing designer atmospheres to life. They provide a superb finish, with unique properties allowing for elaborate edge work, whether bevelled, rounded or chamfered, as the material reveals its many facets.





M125
Marquina
BRILLANT

C166
Calacatta
FA



THE STRENGTH OF MATERIAL

The texture of the roche finish is a reinterpretation of natural stone. Bringing a unique spirit to prestigious projects, it will add character and timeless elegance to your interior spaces.

N105
Noir Absolu
ROCHE



©Noir Kichen



RIPPLED WOOD

Dark wood with blueish hints, the Canopée decor seems to move. The light ripples over the shiny finish, revealing the delicacy of its lines. Strength, intensity and subtlety characterise this unique decor with its assertive personality.

C168
Canopée
BRILLANT



B170
Blanc Absolu
CUIR

S O P H I S T I C A T E D N O T E

The purity of Blanc Absolu faithfully brings out the character of the original material, with a delicate and refined finish.

This decor is ideal for refined, innovative installations.

It will highlight the most creative projects.



A LUMINOUS SETTING

Enchanted spaces, where black is never completely black :
the Blue Moon decor sparkles in the light, subtly revealing
glittery constellations.



B170
Blanc Absolu
FA

N105
Noir Absolu
FA

B187
Blue Moon
BRILLANT



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Touch

ANTI-FINGER PRINT

Silky smooth effect with a deep matt finish to absorb light.



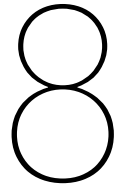
Cuir

A soft and matt surface with skin texture, strikingly realistic.



Brillant - BRI
BRIHG

Varnished effect with a mirror brightness recreating glass glare.



STRUCTURES

Épimat

Sanded wood effect, with matt finish and irregular fine grain.

Roche

Matt and dented surface, referring to natural stone or embossed metal.

Legno

Subtle lined surface highlighted by matt and gloss contrast.

Fusion

Subtle matt-gloss contrast making the surface vibrating and living with oxydised effect with a raw touch.

FA

Refined satin eggshell appealing by its purity and subtlety

B188 Blanc Nivé

◆ TOUCH

12

WHITE

B189 Blanc Cristal

◆ FUSION

B189 Blanc Cristal

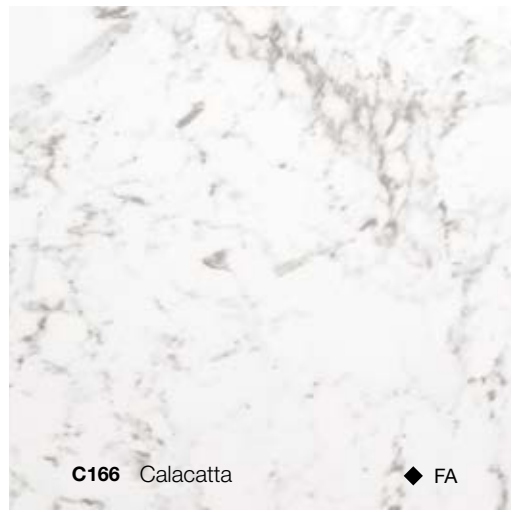
↑ EPIMAT

COLD
WHITE
CORE

B189 Blanc Cristal

FA

WARM
WHITE
CORE



C166 Calacatta

◆ FA



S114 Silva

FA



B170 Blanc Absolu

↑ CUIR



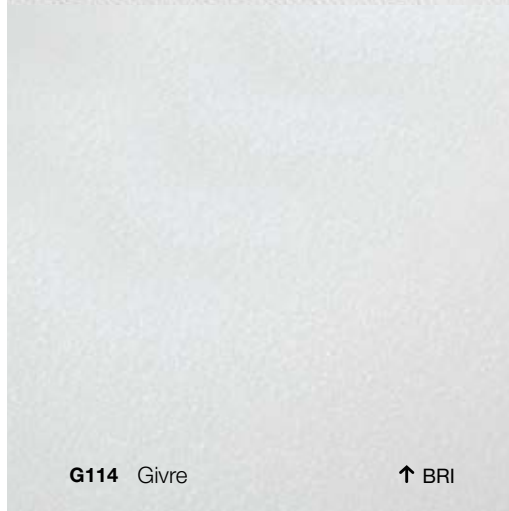
B170 Blanc Absolu

◆ ROCHE



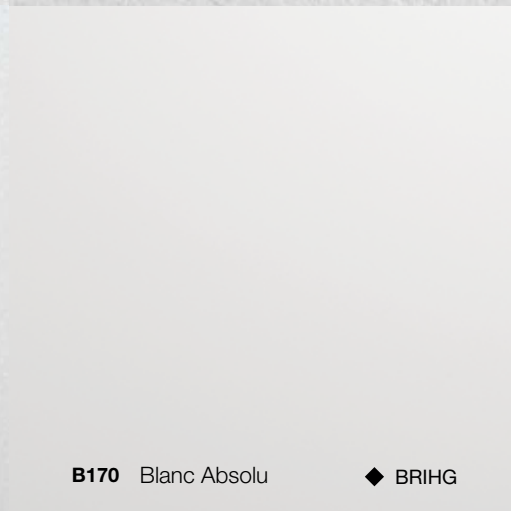
B170 Blanc Absolu

LEGNO



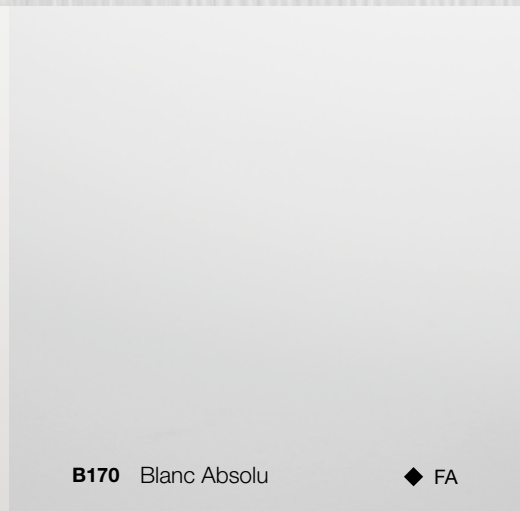
G114 Givre

↑ BRI



B170 Blanc Absolu

◆ BRIHG



B170 Blanc Absolu

◆ FA

↑ Vertical use only

◆ Available in Compact too

EXTRA
BLACK
CORE

B187 Blue Moon

↑ BRI

M125 Marquina

◆ BRIHG

12
BLACK

C167 Cosmic

↑ BRI

C168 Canopée

BRIHG

N105 Noir Absolu

◆ FA

N105 Noir Absolu

LEGNO

N110 Noir Sidéral

◆ TOUCH

N105 Noir Absolu

◆ ROCHE

N105 Noir Absolu

◆ BRIHG

N105 Noir Absolu

↑ CUIR

↑ Vertical use only

◆ Available in Compact too

N105 Noir Absolu

◆ FUSION

N105 Noir Absolu

↑ EPIMAT

FULL SCALE
DECORS



S114 Silva

FA

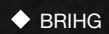


C166 Calacatta

◆ FA



M125 Marquina



C168 Canopée



The full scale decors are shown as an indicative basis (panel 307 x 132 cm scale 1/16th, ...) but each panel is unique. The printed reproduction of the decors may differ from the actual product. Please, do not hesitate to request a sample in order to make your final choice.

◆ Available in Compact too

HPL LAMINATE THROUGH-COLOUR CORE



1. Decorative paper impregnated with melamine resin
2. Cold White Core, Warm White Core or extra black matching core, composed of layers of kraft paper impregnated with thermosetting resin



24
DECORS

8
STRUCTURES

3
CORES
COLD
WHITE
WARM
WHITE
EXTRA
BLACK



IMPACT
RESISTANT



ABRASION
RESISTANT



LIGHT
RESISTANT



MOISTURE
RESISTANT



HYGIENIC
SURFACE



HEAT
RESISTANCE
(UP TO 180°)



EASY TO
CLEAN

High resistance to external aggression (wear, abrasion, stains, etc.)

- Mono-block effect, no visible join
- Non-porous surface
- 1.2mm thickness
- Cold bendable (30 cm)
- Antibacterial Sanitized®*
- Suitable for food contact
- PEFC™, FSC® & Greenguard eco-certification

*excluding Touch

Refined, harmonious, elegant surface



APPLICATIONS :

- New constructions or renovations in existing spaces.
- Surfaces to be bonded to all wood substrates.
- Suitable for all sectors of activity: food service, hospitality, service, public buildings, health, housing, etc.
- Horizontal and vertical interior applications.
- May be cold bended, to create curved lines.
- Certificats disponibles upon request.

COMPACT HPL

THROUGH-COLOUR CORE



1. Decorative paper, identical on both sides, impregnated with melamine resin
2. Cold White Core, Warm White Core or extra black matching core, composed of layers of kraft paper impregnated with thermosetting resin



12
DECORS

5
STRUCTURES

3
CORES
COLD WHITE
WARM WHITE
EXTRA BLACK



IMPACT
RESISTANT



ABRASION
RESISTANT



LIGHT
RESISTANT



MOISTURE
RESISTANT



HYGIENIC
SURFACE



HEAT
RESISTANCE
(UP TO 180°)



EASY TO
CLEAN

High resistance in demanding or humid environments

- Mono-block effect, no edge treatment
- 4 thicknesses : 6, 8, 10 et 12,5 mm
- Water-repellent and rot-resistant
- Self-supporting (≥ 8mm) and machinable
- White cores fire retardant by nature (B-s2-d0)*
- Antibacterial Sanitized®*
- Suitable for food contact
- PEFC™, FSC® & Greenguard eco-certification

*excluding Touch

Sophisticated, dense, versatile material



CAN BE TREATED LIKE WOOD

Monochrom compact boasts many applications options :

- Recessed holes and cut outs
- Chamfers
- Rounded or bevelled edges
- Engraving

APPLICATIONS :

- New constructions or renovations in existing spaces.
- Suitable for all sectors of activity: food service, hospitality, service, public buildings, health, housing, etc.
- Easy to fit, clean, odourless.
- Horizontal applications, 10 and 12.5mm (furniture, worktops, tables, shelving, reception desks, etc.) and vertical applications, 6 and 8mm (wall surfacing, headboards, furniture facades, sideboards, etc.) to be adapted to each project.
- Limitless cutting options, astute and personalised machining (engraving, grooves), a variety of edge finishings (chamfered, rounded, bevelled, etc.), discreet or bold assembly.
- Certificats disponibles upon request.

ENVIRONMENT & HEALTH

Chemically inert material

0%

phthalates
heavy metals
chemical substances
(REACH list*)

Antibacterial Sanitized® Surface

99,9%

of bacteria tested destroyed in 24hrs.



Interior air quality

GREENGUARD - VOC A

Recognised by sustainable construction programmes.



Environmental & energy certifications

ISO 14001



ISO 50001



Environmental certifications for products

Certified chain of custody

PEFC™

FSC® (availability according to credits)



Performance & standards

Monochrom products have been tested under standardised testing methods, a guarantee of absolute quality (EN438, ISO 13894-2) regulating the technical performance of products.

SERVICES



Samples service

The samples department will send your selected samples free of charge, within 48hrs*.

* for any order placed by 10am.



Documents
may be downloaded from
www.polyrey.com

BIM

Catalogue of technical properties and decorative list for digital models.

Design Studio
www.polyrey.com

Our on-line space planner

Design Studio, enables you to visualise our products by putting them into context.



The commercial team, a network of distributors and industrials around the world.

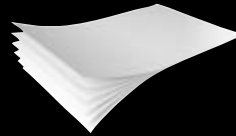


Project Assistance

Here to help, provide advice, and reply to any questions.

AVAILABILITY

MONOCHROM
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PRODUCT	Through-colour core HPL Laminates				Through-colour core HPL Compact			
	SIZE	307 x 132 cm			260 x 205 cm	307 x 132 cm		
CORE	Cold White	Warm White	Extra Black	Warm White	Cold White	Warm White	Extra Black	
GRADE	Standard			Fire retardant	Fire retardant*	Fire retardant	Standard	
THICKNESS	1,2 mm			6 - 8 - 10 - 12,5 mm	6 - 8 - 10 - 12,5 mm			
CODE	DECOR NAME	FINISH						
B170	Blanc Absolu		FA - BRIHG - ROCHE - LEGNO - CUIR ↑		FA		FA - BRIHG - ROCHE	
B187	Blue Moon			BRI ↑				
B188	Blanc Nivé	TOUCH				TOUCH		
B189	Blanc Cristal	FA - FUSION - EPIMAT ↑				FUSION		
C166	Calacatta		FA				FA	
C167	Cosmic			BRI ↑				
C168	Canopée			BRIHG				
G114	Givre			BRI ↑				
M125	Marquina						BRIHG	
N105	Noir Absolu				FA - BRIHG - ROCHE - LEGNO - CUIR ↑ - FUSION - EPIMAT ↑		FA - BRIHG - ROCHE - FUSION	
N110	Noir Sidéral				TOUCH		TOUCH	
S114	Silva		FA					

* excl.TOUCH only available in Standard grade

↑ BRI, EPIMAT and CUIR finishes are vertical use recommended

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The mark of
responsible forestry