

「MONO CHROM」

polyrey

「We create for you.



BLACK & WHITE

MONOCHROM

HPL and solid grade (Compact)
through-colour laminate

Unique for its charm and quality, Monochrom® has been designed to enhance your most prestigious and refined projects in furniture-making and interior design.

- Invent contemporary spaces with our decorative through-colour solutions. Available in HPL and solid grade (Compact), Monochrom allows you to create clean lines without visible edges, thus bringing graphic modernity and infinite elegance to your spaces.
- Indulge your creativity with shades of deep black and pure white. Available in smooth and textured finishes which recreate the feel of natural materials, Monochrom Black & White plays with light and textures to enhance the beauty of your furniture or interior space.



Display furniture created using
Monochrom Compact BrHG

MONOCHROM

Let the material inspire you



Retail store fixtures,
reception desks,
storage furniture,
exhibition stands.

COMMERCIAL



Creation of recep-
tion areas, partitions,
desktops, office
furniture for public
spaces.

INSTITUTIONAL

BLACK & WHITE

Tabletops,
countertops,
shelves, worktops,
splashback.

FOOD



Monochrom Compact Blanc Absolu - Roche

Medical furniture for
healthcare facilities,
worktops for labo-
ratories, partitions,
shelves.

MEDICAL



Monochrom Compact Blanc Absolu - FA

High Pressure Laminate through-colour HPL



- Monochrom is available in thick HPL (1.2 mm), with a white or extra-black core and is available in six finishes: FA, BRIHG, Épimat, Roche, Alliage and Legno.
- Suitable for covering horizontal and vertical surfaces, Monochrom guarantees optimal results during assembly, eliminating the 'brown edge'. An essential asset to your high-end projects, it gives the furniture attractive lines and intense colour, with the added dimension of solid through colour.
- Its thickness gives it superior scratch and abrasion resistance suitable for intensive high wear use. Subject to regular external stresses, the surface will keep looking new for longer.
- The Blanc Absolu (absolute white) decor in FA is also available in post-forming HPL (0.6 mm) to allow you to make furniture with flush fitting sinks or basins or with curved shapes (up to a radius of 20 cm).



Decor	N105 Noir Absolu	B170 Blanc Absolu	
Sheet size	307 x 132 cm	307 x 132 cm	
Grade	Standard	Standard	Postforming
Thickness	1,2 mm	1,2 mm	0,6 mm
Finish	Alliage - Épimat↑ - Roche - BriHG - FA		FA



hygienic surface



heat resistant



resistant to cigarette burns



scratch resistant



impact resistant



resistant to chemical and household products

↑ à usage vertical uniquement



* All HPL are PEFC certified mini 40%.



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FA

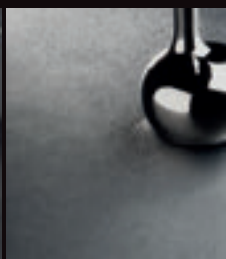
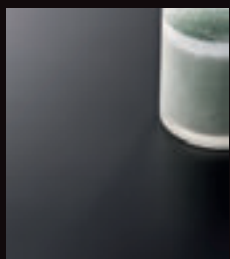
BRIHG

ÉPIMAT ↑

ALLIAGE

ROCHE

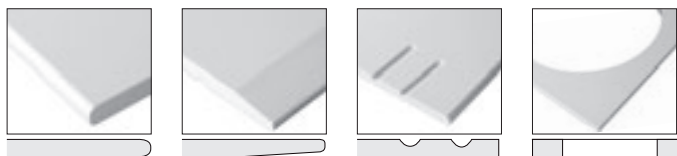
LEGNO



COMPACT

through-colour Compact (solid grade)

- Monochrom Compact is a freestanding thick HPL (8,10 and 12.5 mm) available with a white or extra-black core in three finishes: FA, BriHG and Roche.
- High quality material, it is the ultimate decorative solution for demanding interiors and for contemporary furniture design.
- Monochrom will enhance all aspects of your projects with its exceptional properties: impact and stain resistance, moisture and bacterial growth protection (Sanitized® treatment). It is perfectly suited to both horizontal (workstations, desks, etc.) and vertical applications (wall panels, doors, etc.).
- Freestanding and machinable throughout its entire thickness, Compact Monochrom is expected to inspire all creations. The aesthetic quality provided by its solid core becomes an exceptional design feature that will allow you to play with shapes and thicknesses and refine the lines of your furniture. For an optimal finish, its edges can be shaped, moulded, chamfered or bevelled.



Decor	N105 Noir Absolu	B170 Blanc Absolu	
Sheet size	307 x 132 cm	260 x 205 cm	307 x 132 cm
Grade	Standard	Fire retardant	
Thickness	10 - 12,5 mm	8 - 10 - 12,5 mm	10 - 12,5 mm
Finish	Roche - BriHG - FA	FA	Roche - BriHG - FA



hygienic surface



heat resistant



resistant to cigarette burns



scratch resistant



impact resistant



resistant to chemical and household products



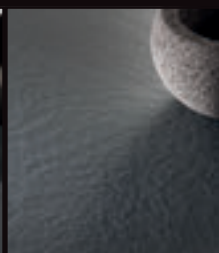
* All compacts are PEFC certified mini 40%.



FA

BRIHG

ROCHE



MONOCHROM

Antibacterial decorative surface



Polyrey innovates to bring you reliable and eco-friendly decorative solutions:

- All our Monochrom panels benefit from active silver-ion based protection. The antiseptic action of silver is of significant benefit in the health, food or public sectors.
- Incorporated during the manufacturing process, silver ions effectively reduce the proliferation of bacteria throughout the life of the material. In contact with a bacterium such as *Staphylococcus aureus*, Ag⁺ ions neutralise it and prevent cell division, thus limiting the risk of infection.
- Suitable for food contact, the Sanitized® treatment remains stable. It contains no organic agents or nano-particles.

The Sanitized® antibacterial treatment destroys more than 99.9% of bacteria.

Effectiveness tested on 7 different types of bacteria ⁽¹⁾:

- *Escherichia coli* ATCC 8739
- *Enterococcus hirae* ATCC 8043
- *Listeria monocytogenes* ATCC 15313
- *Staphylococcus aureus* (MRSA) ATCC 33592
- *Staphylococcus aureus* ATCC 6538
- *Salmonella enteritidis* ⁽²⁾ ATCC 13076
- *Mycobacterium smegmatis* ATCC 19420

⁽¹⁾ according to JIS 2801, a Japanese standard internationally recognised by the International Standardisation Organisation (ISO) - ⁽²⁾ 99,84% effectiveness





MONO CHROM

FR

Pour recevoir des échantillons
Tél. : +33 (0) 5 53 73 56 89
polyrey.france@polyrey.com

UK

To receive samples
Tél. : +44 (0) 1923 202700
polyrey.uk@polyrey.com

DE

Um Muster zu erhalten
Tél. : + 49 (0)211 90 17 40
polyrey.deutschland@polyrey.com

NL

Om stalen te ontvangen
Tél. : +31 (0)20 708 31 31
polyrey.benelux@polyrey.com

BE

Stalen / Echantillons
Tél. : +32 (0)2 753 09 09
polyrey.benelux@polyrey.com

ES

Para recibir muestras
Tél. : +34 935 702 180
polyrey.iberica@polyrey.com

PT

Para receber amostras
Tél. : +34 935 702 180
polyrey.iberica@polyrey.com

IT

Per ricevere dei campioni
Tél. : +33 (0) 5 53 73 56 87
polyrey.export@polyrey.com

Export - Other Countries

To receive samples
Tél. : +33 (0) 5 53 73 56 88
polyrey.export@polyrey.com



www.polyrey.com



The mark of
responsible forestry