

Compact panel

High-density compact phenolic panel composed by Kraft paper sheets impregnated with thermosetting phenolic resins.

It presents both surfaces with a decorative High-Pressure Laminate which confers stability and hardness for self-supporting applications.

Core



1. Black
2. Brown
3. Beige
4. White

Compact range

Range	Description
Interior	Compact panel with decorative top layer protected in melamine thermosetting resin on both sides, produced with different properties, adapting the product to different uses and requirements in any type of interior environment. Check M-Core HPL ranges for additional information.
Exterior	Compact panel with decorative top layer protected with thermosetting melamine resin on both sides, with "overlay" of UV protection for outdoor environments.
Façade	Compact panel with special treatment for prolonged exposure in facades, through an impregnation in acrylic-polyurethane resin that ensures superior resistance to UV exposure, weathering and ageing
Fire retardant	Panel with superior performance against fire. Fire reaction class B S1 D0, available in thickness 6 mm or more and fire reaction class B S2 D0 for thicknesses under 6 mm.

Sizes and thicknesses

thicknesses (mm)	3	4	6	8	10	12	16	20
2440 x 1220	●	●	●	●	●	●	●	●
3050 x 1300	●	●	●	●	●	●	●	●
3660 x 1860	○	○	○	○	○	○	○	○
4320 x 1860	○	○	○	○	○	○	○	○

● Available in all colours.

○ Consult colour matrix.

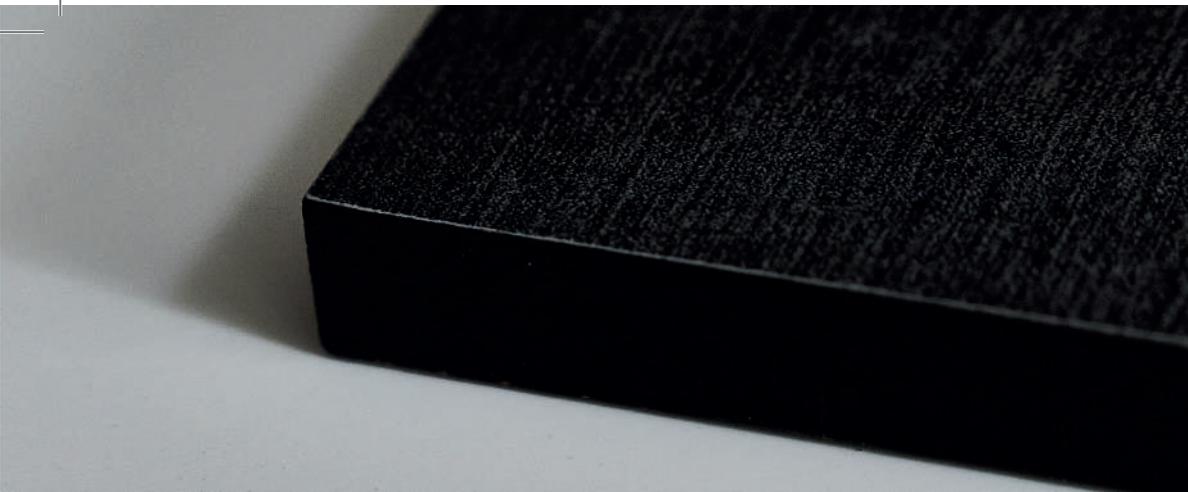
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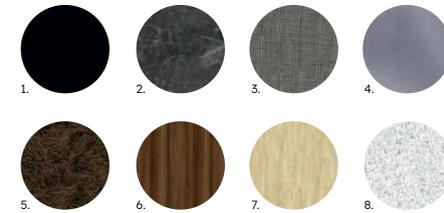
HPL

High Pressure laminate sheet composed by Kraft agglutinated paper impregnated with thermosetting phenolic resins, bonded together by high pressure at high temperature.

It presents flexible structure with one decorative face coated with a protective layer. Suitable for any indoor environment, dry or humid in vertical or horizontal applications.

Available in two formats 2440x1220 mm and 3050x1300 mm and available in big format in a selected range. HPL is supplied in thickness from 0,44mm up to 3mm.

Decorative finishes



- 1. Solid colours
- 2. Stone
- 3. Textile
- 4. Metallic
- 5. Leather
- 6. Wood
- 7. High Gloss
- 8. Custom Designs

Available with various special treatments according to the intended use.



Concept

M-Core presents a collection of high-quality compact phenolic panels and HPL for several internal and external applications, with a wide variety of textures and surface treatments, adapting the product, for its best performance, in different uses.

- Cladding
- Self-supporting partitions and cabins
- Worktops
- Furniture and carpentry
- Doors
- Ventilated façades
- Outdoor equipment and furniture



Advantages

- Waterproof
- Chemical-free
- Impact resistance
- Scratch and crack resistant

- Antibacterial
- Decorative multiplicity
- Weather and UV resistant
- Low maintenance

HPL range		
Range	Description	Thicknesses
PRO	Collection of "premium" HPL 1 mm with designs in several finishes and textures of different materials.	1 mm
Antibacterial	HPL with antibacterial properties, strongly reducing the rate of bacteria without frequent cleaning.	All range
Industrial	HPL reinforced with bicomponent laminate for superior mechanical strength with greater dimensional stability.	Starting from 0.6 mm
Touch	Anti-finger print and scratch resistant HPL with a soft-touch "supra matt" finish. Self-cooling capacity.	0,8 to 1,2 mm
Post Forming	HPL suitable for thermoforming, presents extra flexibility for surfaces with greater bending radius.	0,5mm to 0,8 mm
Gloss Pro	High Gloss HPL collection with mirror effect (3x higher gloss).	Starting from 1 mm
Metallic	Metal laminate with special "Feron" film, ensuring durability and metal appearance.	Starting from 0.8 mm
Magnetic	HPL with magnetic properties.	1 mm
Electrostatic	Anti-static HPL, resistant to solvents, static charges and preventing accumulated dust particles.	0,7 mm to 25 mm
Digital	HPL with customized digital printing. Adaptable to each project aesthetic needs and adaptable to outdoors use.	Starting from 0.8 mm
Lab Pro	HPL resistant to chemical products and aggressive reagents	Starting from 1 mm