

TABLEMOST

**HPL - COMPACT 12 mm
TECHNICAL CATALOGUE**

DESCRIPTION

HPL COMPACT 12 mm compact board is made up of several layers of Kraft paper pressed at high temperature to form a laminate very resistant 12 mm thick. Its inner core is black.

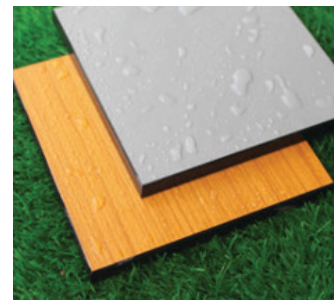
Due to its great resistance to humidity and impact, the HPL-COMPACT 12 mm compact board is ideal for wet areas, for cladding of walls in schools, hospitals, hotels, etc. and for areas with high humidity such as toilets, changing rooms and swimming pools. Also, being a modern and elegant material, it is often used for decorative purposes in both interior and exterior furniture.

HPL COMPACT 12 mm presents a wide variety of design alternatives thanks to a wide range of colors and different options of surface, size and profile finishes.

TECHNICAL CHARACTERISTICS

The main advantages are the following:







- Waterproof.
- Resistant to heat and cold.
- Resistant to humidity and steam.
- Highly resistant to impact and scratching.
- Highly resistant to chemicals.
- Low light reflectivity.
- Ultimate color intensity.
- Easy to clean.
- Easy installation and assembly.
- Decorative and aesthetic.



CHARACTERISTICS	TEST METHOD	TEST VALUE	VALUE REQUIRED
Dimensional Properties			
Thickness	EN 438-2.5	12 mm	12.0 ≤ e ≤ 16.0 mm : ±0.6 mm
Plain	EN 438-2.9	1.87 mm	Max. 3 mm
Physical Properties			
Wear Resistance	EN 438-2.10	Starting Point = 185 Rev. Wear Value = 485 Rev.	Starting Point ≥ 150 Rev. Wear Value ≥ 350 Rev.
Resistance to immersion in water boiling	EN 438-2.12 (e ≥ 5.0 mm)	0.55% in width 0.65% in thickness	Max. 2% en ancho Max. 2% en espesor
Water Vapor Resistane	EN 438-2.14	Level 5	Min. Level 4
Resistance to Dry Heat at 180°C	EN 438-2.16	Level 5	Min. Level 4
Stability at High Temperatures (70°C)	EN 438-2.17 (e ≥ 5.0 mm)	L = 0.18 mm A = 0.23 mm	L Max. = 0.3 mm A Max. = 0.6 mm
Impact Resistance	EN 438-2.21 (e ≥ 6.0 mm)	No crack, 3.5mm	No Crack, Max. 10 mm (Height 1800 mm)

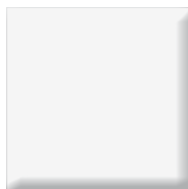
Scratch Resistance	EN 438-2.25	Flat Surface = 3 N Uneven Surface = 4 N	Flat Surface Min. 2 N Uneven Surface Min. 3 N
Stain Resistance	EN 438-2.26	Level 5	Min. Level 4
Resistance to Cigarette Burns	EN 438-2.30	Level 4	Min. Level 3
Flexural Strength	EN ISO 178	114 MPa	Min. 80 MPa
Tensile Strength	EN ISO 527-2	85 Mpa	Min. 60 Mpa
Density	ISO 1183-1	1.4 gr/cm ³	Min. 1.35 gr/cm ³

DIMENSIONS AND SHAPE

FORM	DIMENSION (mm)	THICKNESS (mm)	WEIGHT (Kg)	EDGE TYPE
	Ø 500	12	4,95	BEVELED T45 
	Ø 600	12	5,18	
	Ø 690	12	6,85	
	Ø 800	12	9,21	
	500 x 500	12	5,90	ROUNDED TR0 
	600 x 600	12	6,60	
	690 x 690	12	8,72	
	800 x 800	12	11,73	
	900 x 900	12	14,84	
	800 x 690	12	10,26	90 T90 
	1000 x 600	12	11,29	
	1100 x 690	12	13,91	
	1200 x 800	12	17,59	
	1400 x 800	12	20,12	

* Other dimensions are available on request

COLORS



IA03 - White



IA06 - Creme



IA55 - Antracite



IA90 - Black



IA29 - Oxid



IA44 - Alu silver



IA74 - Old wood



IA21 - Vintage wood

*Any Gentas HPL colors are available on request.

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