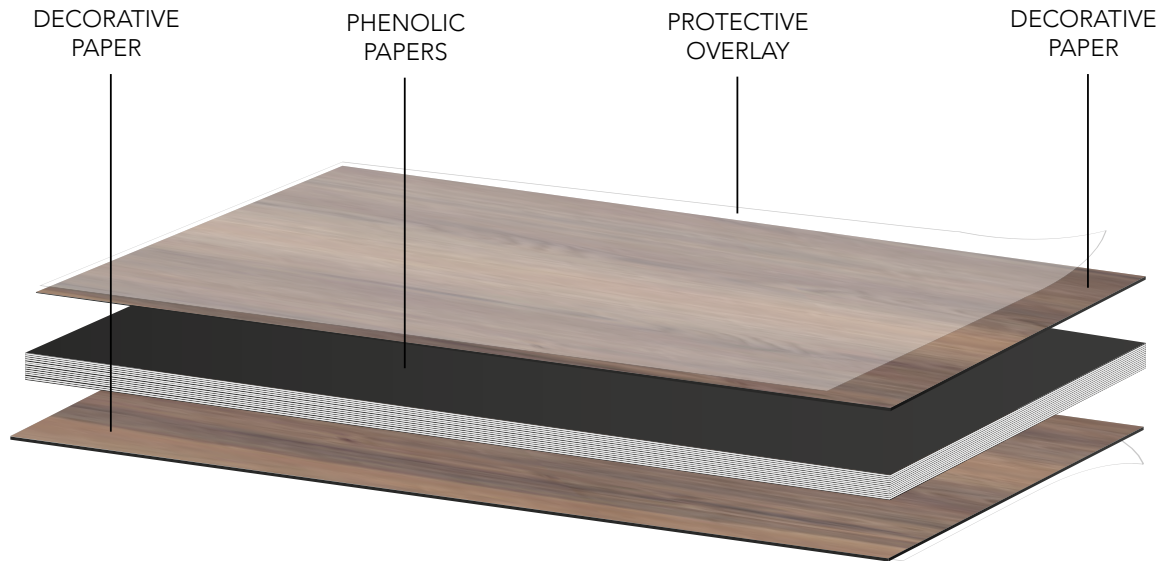


The FLINT compact panel is composed of a layer or overlay of protection over printed decorative designs, a decorative sheet on both sides impregnated with melamine resin (in the case of double-sided), in its body or central core there are multiple layers of paper brown, black or white kraft impregnated with phenolic resin. (Kraft central core).



General Product Data

Product structure:	Overlay protection Decorative paper Multiple layers of Kraft Paper Phenolic Paper
Base material:	MDF Black Fire retardant
Thickness:	4 mm - 6 mm - 8 mm - 10 mm - 12 mm
Measurements:	2.850 mm x 1.400 mm 2.550 mm x 1.400 mm 3.050 mm x 1.400 mm
Weight:	1.400 kg/m ³ aprox.
Finish:	FLINT decorative range and textures
Texture:	Wood: Textured Stone: Italian Stone Standard: Smooth Matte

Technical characteristics

PROPERTY	TEST METHOD EN-438-2 Chapter N°.	PROPERTY	UNITY	TYPE	
				CGF Fire retardant	Norma
Thickness	5	Tolerance 3'0 <5'0 mm Tolerance 5'0 <8'0 mm	mm	± 0'10 ± 0'25	± 0'30 ± 0'40
Flatness a)	9	Tolerance 3'0 < 5'0 mm Tolerance 5'0 < 8'0 mm	mm / m	< 8	< 8 < 5
Length and width	6	-	mm	+10 -0	+10 -0
Edge straightness	7	Max. deviation	mm / mm	< 1'5	< 1'5
Quadrature	8	Max. deviation	mm / mm	< 1'5	< 1'5
Resistance to surface wear	10	Wear resistance	Minimum cycles Starting point Wear value	210 425	150 350
Resistance to impact of a large diameter ball	21	Fall height	mm (minimum) Thickness 2 <6 mm ≤ 6 mm	> 2.000	1.400 2.000
Scratch resistance	25	Force	Grade (minimum) Smooth finish	3	3
Resistance to dry heat (180°C)	16	Appearance	Non-gloss finish	5	4
Immersion resistance in boiling water (100°C)	12	Mass increase	% max <5 ≤ 5	1'65 1'25	7'0 3'0
		Increase in thickness	% max <5 <5	1'30 1'75	9'0 6'0
		Appearance	Non-gloss finish (Grade)	5	4

Technical characteristics

PROPERTY	TEST METHOD EN-438-2 Chapter N°.	PROPERTY	UNITY	TYPE	
				CGF Fire retardant	Norma
Dimensional stability at high temperature	17	Cumulative dimensional variation	< 5 mm L T ≥ 5 mm L T	± 0'15 ± 0'30 ± 0'15 ± 0'25	± 0'40 ± 0'90 ± 0'30 ± 0'60
Stain resistance	26	Appearance	Grade (minimum) Groups 1 and 2 Group 3	5 5	5 4
Lightfastness (xenon arc)	27	Contrast	Grado en la escala de grises	-	4 a 5
Water vapor resistance	14	Appearance	Grade (minimum) Non-gloss finishes	5	4
Resistance to cigarette burns	30	Appearance	Grade (minimum)	5	3
Density	-	Density	g / cm ³ (minumum)	1'57	1'35
Fire Behavior				Bs1d0	<6'0 mm c-s2, d0 o mejor
Class	EN 13501				≥ 6'0 mm B-s2, d0

FLINT FLOOR quality laboratory, S. L. May 2008

Whenever laminates are stored in the form and under the conditions recommended by the manufacturer, they must meet the flatness requirements specified in the technical data sheet.