

SPECIFICATION REPORT

POSTFORMING

High-pressure Decorative Laminates

Altofina™ laminates consist of several layers of phenolic resin-impregnated Kraft paper as a base to a layer of melamine-impregnated solid colour or printed design paper and a translucent overlay containing melamine. All bonded under heat and pressure. The back of the laminate is sanded to permit good bonding.

Used in vertical and horizontal applications, mobile and resistance. It takes care of to the requirements of appearance, durability and steam resistance, impact and abrasion. It posses the property of bending, when warm in specific equipment, making possible the application in rounded off edges, providing original options of design.

Performance proprieties for Texture finish.

Property or attribute	Standard Test method	Unit	Specification	Typical Values*
<i>Ball Impact Resistance</i>	BS EN 438	N (min)	20	> 20
<i>Dimensional Change</i>	BS EN 438	% MD (máx)	0,55	0,55
		% CD (máx)	1,05	1,05
<i>Formability</i>	BS EN 438	mm (ln)	9,6	9,6
		Radius	(3/8)	(3/8)
<i>Blistering</i>	BS EN 438	seconds	< 0,80 mm – 10	> 10
			> 0,80 mm – 15	> 15
<i>Scratch Resistance</i>	BS EN 438	N	3,0	3,0
<i>Wear Resistance</i>	BS EN 438	Cycles	350	> 400
<i>Boiling Water Resistance</i>	BS EN 438	Rating	Gloss Finish 3	4
			Other Finishes 4	4
<i>High Temperature Resistance</i>	BS EN 438	Rating	Gloss Finish 3	4
			Other Finishes 4	4
<i>Stain Resistance</i>	BS EN 438	Rating	Group 1 and 2 - 5	5
			Group 3 - 4	4

Where:

MD = machine direction;

CD = cross direction;

5 – No visible change;

4 – Slight change of gloss and/or colour, only visible at certain viewing angles.

* This range encloses different colours