

## INFORMATIVE TECHNICAL SHEET STRATIPAL HPL STANDARD HGS

The decorative high-pressure plastic laminates (HPL) are made up of various sheets of kraft paper, soaked in phenolic resin with one or both outer surfaces featuring a sheet of decorative paper, soaked in melaminic resins.

All the elements together are subject to the combined action of 90 kg/cm<sup>2</sup> high pressure and 150°C heat in special presses, in which the polycondensation of the resins takes place.

PROPERTY	TEST METHOD (EN 438 : 2005)	UNIT	VALUE
Abrasion resistance	EN 438/2.10	Revolutions	350
Resistance to immersion in hot water	EN 438/2.12	rating	4
Dry heat resistance	EN 438/2.16	rating	4
Dimensional stability at high temperature	EN 438/2.17	%	0,45 L. 0,9 T
Impact resistance - small diameter sphere	EN 438/2.20	N	20
Scratch resistance	EN 438/2.25	rating	3
Stain resistance	EN 438/2.26	rating	groups 1/2 : 5 group 3 : 4
Colour fastness under light (xenon arc)	EN 438/2.27	rating	Grey scale ≥ 4
Resistance to cigarette burns	EN 438/2.30	rating	4
Resistance to steam	EN 438/2.14	rating	4
Density	ISO 1183	kg/m <sup>3</sup>	1400