

Product datasheet



Collection:	JD Basic Tiles (High Pressure Laminates)
Decor:	801 (other decors per request)
Classification:	HGS (Horizontal Grade Standard)
Product name:	JD Basic HGS Tiles
Thickness:	0,9mm

Description of the production process:
HPL (High Pressure Laminate) thickness 0,9mm consisting of layers of kraft paper impregnated with thermosetting resins and one side of decorative paper impregnated with aminoplastic resins, bonded together by means of high pressure (1430 psi) and heat (150 c), backside sanded. Material to be used for interior only.

Specification:	Testnorm: EN 438-3:2005	Type:	Unit:	Norm result:
				HGS :
Surface quality	In general	Spots, dirt and similar surface defects	mm ² /M ²	≤ 1
		Fibres, hairs and scratches	mm/M ²	≤ 10
Thickness tolerance	2.5	Thickness	mm	0,2 ≤ t ≤ 1,0 +/- 0,10
Length and width	2.6	Length & Width	mm	+10/-0
Straightness of edges	2.7	Straightness of edges	mm/M	≤ 1,5
Squareness	2.8	Squareness	mm/M	≤ 1,5
Flatness	2.9	Maximum deviation	mm/M	≤ 60,0
Resistance to surface wear	2.10/DIN EN-13329	Wear resistance	Revelutions (min)	Initial point ≥ 150; JD Basic HPL: final point ≥ 350
Resistance to immersion in boiling water	2.12	Perl finish	Rating	≥ 4
Resistance to water vapour	2.14	Perl finish	Rating	≥ 4
Resistance to dry heat (180 Oc)	2.16	Perl finish	Rating	≥ 4
Stability at elevated temperatures	2.17	Cumulative dimensional change	% longitudinal	≤ 0,55
			% transversal	≤ 1,05
Resistance to impact by small diametre ball	2.20	Spring force	N (min)	≥ 20
Resistance to scratching	2.25	Scratching	Rating (min)	≥ 3
Resistance to staining	2.26	Apperance	Rating (min) Group 1 and 2	≥ 3
			Group 3	≥ 4
Light fastness (xenon arc)	2.27	Contrast	Grey scale rating	≥ 4
Resistance to cigarette burns	2.30	Apperance	Rating (min)	≥ 3
Slip resistance	EN 16165: 2021-12 annex B	Degree/angle	Machienedirection: perl due	6,1° / R9
			Crossdirection: perl due	6,1° / R9
Slip resistance	DIN 51130:2010-10	Degree/angle	Machienedirection: perl due	8,1° / R9
			Crossdirection: perl due	8,3° / R9

Electrical values:

Resistance JD Basic HGS Tiles	IEC-61340/ANSI/ ESD S:20.20	Max Megaohms	Rating	1x10 ⁹ to 1x10 ¹¹ Ohm
Density	EN ISO 1183-1 2004	Density	Kg/M ³	≥ 1.350

JD Basic HGS Tiles are shipped in 607x607x0,9mm.
Datum: 20.01.2026