



Formica Laminates (India) Pvt. Ltd.

Block No. 591 & 592, 6th KM Stone, Kalol-Vamaj Road, Village- Piyaj, Taluka- Kalol, Gandhinagar, Gujarat.382721.

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TECHNICAL DATA SHEET
Formica Decorative Laminate

Sr. No.	Characteristic	Method	Unit of Measure	HGS	Formica Test Result
1	Normal Thickness		mm	1.0	Complies
2	Surface Defects	EN438-2016-2-4			
		Dirt/Spot	mm ² / m ²	≤ 1	Complies
		Fibers/Hairs/Scratches	mm ² / m ²	≤ 10	Complies
3	Thickness	EN438-2016-2-5	mm	±0.1	Complies
4	Length & Width	EN438-2016-2-6	mm	-0/+10	Complies
5	Squareness	EN438-2016-2-7	mm/m	≤ 1.5	Complies
6	Edge Straightness	EN438-2016-2-8	mm/m	≤ 1.5	Complies
7	Flatness	EN438-2016-2-9	mm/m	≤ 60	Complies
8	Surface Wear Resistance	EN438-2016-2-10	Revolution	≥ 150	Complies
9	Immersion in Boiling Water	EN438-2016-2-12	Class		
		Gloss		3	Complies
		Other		4	Complies
10	Resistance to water vapor	EN438-2016-2-14	Class		
		Gloss		3	Complies
		Other		4	Complies
11	Resistance to Dry Heat (160 °c)	EN438-2016-2-16	Class		
		Gloss		3	Complies
		Other		4	Complies
12	Dimensional Stability	EN438-2016-2-17	%		
		Longitudinal		≤ 0.55	Complies
		Transverse		≤ 1.05	Complies
13	Impact Resistance (small ball)	EN438-2016-2-20	N	≥ 20	Complies
14	Resistance to cracking	EN438-2016-2-23	Class	4	Complies
15	Scratch resistance	EN438-2016-2-25	Class		
		Smooth		2	Complies
		Textured		3	Complies
16	Stain Resistance	EN438-2016-2-26	Class		
		Group 1&2		5	Complies
		Group 3		4	Complies
17	Light fastness	EN438-2016-2-27		4 to 5	Complies
18	Density		g/cm3	≥ 1.35	Complies

EN 438 Class Definitions – Class 5 No visible change. Class 4 Slight loss of gloss and or color. Class 3 Moderate loss of gloss and or color. Class 2 Marked loss of gloss and or color. Class 1 Blisters and or delamination.