

**ASD FLOORING LAMINATE** ; less than 2 mm thick, according to EN 438-5 consisting of the surface layer on one side, having decorative colours are impregnated with melamine based resins and a core made of layers of kraft paper impregnated with phenolic based resins.

Application examples: living room, entrees, hallways etc.

PROPERTIES	TEST METHOD	PROPERTY OR ATTRIBUTE	UNIT (max or min)	VALUES
				AC2
<b>HGS</b>	Horizontal Grade Standard Laminate	<b>EXAMPLES OF TYPICAL APPLICATIONS</b>		
		Kitchen and office working surfaces, restaurant and hotel tables, doors and wall coverings in public areas, interior walls of public transport vehicles		
<b>VGS</b>	Vertical Grade Standard Laminate	<b>EXAMPLES OF TYPICAL APPLICATIONS</b>		
		Front panels for kitchen, office and bathroom furniture, wall coverings, ceiling panels, shelves and furniture elements		
SURFACE QUALITY				
Surface Quality	EN 438-5	Spots, dirt and similar surface defects	mm <sup>2</sup> /m <sup>2</sup>	≤1
		Fibres, hairs and scratches	mm/m <sup>2</sup>	≤10
DIMENSIONAL TOLERANCES				
Dimensional Tolerances	EN 438-2.5 EN 438-2.5	Thickness tolerance	mm	0,5≤t≤1: +/-0,10
			mm	1,0<t<2,0: +/-0,15
	EN 438-2.6	Length and width	mm	+10/-0
	EN 438-2.7	Staightness of edges	mm/m	≤1,5
	EN 438-2.8	Squareness	mm/m	≤1,5
	EN 438-2.9	Flatness	mm/m	≤ 60
GENERAL PROPERTIES				
Resistance to surface wear	EN 438-2.10	Initial Point	Revolutions	≥ 1800
Resistance to water vapour	EN 438-2.14	Appearance ( other finishes )	Rating (min)	4
Dimensional stability at elevated temperature	EN 438-2.17	Cumulative dimensional change	t<1 Longitudinal %	≤0,65
		Cumulative dimensional change	t<1 Transversal %	≤1,15
		Cumulative dimensional change	1≤t<2 Longitudinal %	≤0,45
		Cumulative dimensional change	1≤t<2 Transversal %	≤0,90
Resistance to impact with small diameter ball	EN 438-2.20	Spring force	N	≥ 20
Resistance to impact with large diameter ball	EN 438-2.21	Drop height	mm	≥ 1600
		Indentation diameter	mm	≤10
Resistance to straining	EN 438-2.26	Appearance-Groups 1&2	Rating (min)	5
		Appearance-Group 3	Rating (min)	4
Light fastness ( xenon arc )	EN 438-2.27	Contrast	Grey scale rating	4-5
Resistance to cracking under stress ( optinal )	EN 438-2.23	Appearance	Rating (min)	4
Resistance to blistering	EN 438-2.33 or 34	Nominal thickness < 0,8 mm	Seconds	≥ 10
		Nominal thickness ≥ 0,8 mm		≥ 15
Density	EN ISO 1183	Density	g/cm <sup>3</sup>	≥ 1,35