DECLARATION OF PERFORMANCE

Product description:

ASD EGF compact laminate (fire retardant for exteriors)

HPL – EGF (thickness ≥ 6 mm)

The type, batch or serial number of the material or other elements to enable it to be identified:

It is stated on the product label

Usage areas of the product:

Outdoor wall coverings, furniture, doors, panels, cabinets, countertops, etc. used in their manufacture.

Manifacturer name and address

ASD Laminat A.Ş Yeşilköy mah. Atatürk Cad. İstanbul Dünya Ticaret Merkezi Blokları A1 Blok no: 10/1 ofis no: 463-465-466 Bakırköy – İstanbul / Türkiye

Approved reference bodies:

ITC – Institute for testing and certification, Plc
Adres: Trida Tomase Bati 299, Loucky, 763 02 Zlin, Chech Rebuplic

TSE – Türk Standartları Enstitüsü
Adres: Necatibey cad. no:112 06100 Bakanlıklar / Ankara – Türkiye

Approved Certificated Body no:

1023

Certificate of constancy of performance no:

1023 – CPR – 0557 P

In accordance with the regulation (EU) number 305/2011 of the European Parliament and the Council of Europe, the above-mentioned products are at the level of reaction to fire class B,s2, d0 within the scope of EN 438-7:2005 standard, and the evaluation and verification of performance is done within the scope of System 1. Also; The following qualifications are met within the scope of EN 438-6.

ASD Exterior

Technical Data Sheet

Properties	Test Method	Property or Attribute	Unit (max or min)	Values	
				EGS	EGF
SURFACE QUALITY					
Surface Quality	EN-438-6	Spots, dirt and similar surface defects	mm²/m²	≤1	
		Fibres, hairs and scratches	mm/m²	≤10	
DIMENSIONAL TOLERANCES					
Dimensional Tolerances	EN 438-2.5	Thickness tolerance	mm	2,0≤t<3,0: +/-0,20 3,0≤t<5,0: +/-0,30 5,0≤t< 8,0: +/-0,40 8,0≤t<12,0: +/-0,50 12,0≤t<16,0: +/-0,60 16,0≤t<20,0: +/-0,70 20,0≤t25,0< 25,0: +/-0,80	
	EN 438-2.6	Length and width	mm	+10/-0	
	EN 438-2.7	Straightness of edges	mm/m	≤1,5	
	EN 438-2.8	Squareness	mm/m	≤1,5	
	EN 438-2.9	Flatness	mm/m	2,0≤t<6,0: ≤8,0	
			mm/m	6,0≤t<10: ≤5,0	
			mm/m	10,0≤t: ≤ 3,0	
GENERAL PROPERTIES					
Resistance to impact with large diamater ball (shatter resistance)	EN 438-2.21	Drop height(h)/indentation diameter(d)	mm	2,0≤t<6,0: h=1400/d≤10	
		Drop height(h)/indentation diameter(d)	mm	6 ≤ t: h=1800/d≤10	
Resistance to wet conditions	EN 438-2.15	Mass increase	% (max.) 2≤t<5	7	10
			% (max.) 5≤t	5	8
		Appearance	Rating (min)	4	4
		Appearance	Rating (min)	3	3
Dimensional stability at elevated temperature	EN 438-2. 17	Cumulative dimensional change 2≤t<5 mm	Longitudinal (%)	≤ 0,40	
		Cumulative dimensional change 2≤t<5 mm	Transversal (%)	≤ 0,80	
		Cumulative dimensional change 5 mm ≤ t	Longitudinal (%)	≤ 0,30	
		Cumulative dimensional change 5 mm ≤ t	Transversal (%)	≤ 0,60	
Resistance to climatic shock	EN 438-2. 19	Appearance Flexural strength index Flexural modulus	Rating Rating (min) Rating (min)	4 0,80 0,80	
Resistance to UV Light	EN 438-2.28	Contrast (after 5000 hours of exposure) Appearance (after 5000 hours of exposure)	Grey scale rating Rating (min)	EGS 3 4	EGF 3 4
Resistance to artificial weathering (3000 hours)	EN 438-2. 29	Contrast	Grey scale rating (min) (notworse than)	3	3
		Appearance	Rating (min)	4	4
Flexural modulus	EN ISO 178	Stress	Mpa (min)	9000	
Flexural strength	EN ISO 178	Stress	Mpa (min)	80	
Density	EN ISO 1183-1	Density	g / cm3 (min)	1,35	
Reaction to fire	EN 13501-1	Resistance to fire (6 mm ≤ t)	Classification	B-s2, d0	
		Resistance to fire (6 mm > t)	Classification	B-s2, d0	
Formaldehyde emission (6mm)	EN 717-1	Gas analysis	mg/(m²*h)	0,03	

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ASD Laminat A.Ş.
İDTM A-1 Blok Kat:16 Yeşilköy-Bakırköy, İstanbul 34149 TURKIYE
T +90 (212) 670 03 60 E info@asdlaminat.com asdlaminat.com