

FIMALAM / FIMALAM AH

Technical data

Property	Test method	Property	units	Specification
Tolerance on nominal dimensions	EN 14323	Thickness Thickness within a panel	mm mm	± 0,50 t max - t min ≤ 0,6
	EN 14323	Length and width	mm	+ 10 / - 0

SURFACE PROPERTIES.

				FINLAM AH	FINLAM	
Type				design	color	design
EN 438 Clasification				HGS	HGS	VGS
Property	test method	Measured	units	Valor		
Appearance	EN 438-2	Spots, dirt or simmilar	mm/m ²	≤ 1		
		Fibres, hairs, scratches	mm/m ²	≤ 10		
Resistance to surface wear	EN 438-2	Initial point - IP	revolutions	≥ 150	≥ 150	≥ 50
		Resistance - (IP+FP)/2	revolutions	≥ 350	≥ 350	≥ 150
Resistance to boiling water	EN 438-2	Aspect- gloss design	Grade	≥ 3		
		Aspect. others	Grade	≥ 4		
Resistance to dry heat (180°C/20')	EN 438-2	Aspect- gloss design	Grade	≥ 3		
		Aspect. others	Grade	≥ 4		
Resistance to wet heat (100°)	EN 12721:1997	Aspect- gloss design	Grade	≥ 3		
		Aspect. others	Grade	≥ 4		
Resistance to impact by small diameter ball	EN 438-2	Spring force	N	≥ 20	≥ 15	
Resistance to impact by large diameter ball	EN 438-2	Dropt height	mm	≥ 800		≥ 600
		Diameter of indentation	mm	≤ 10		≤ 10
Resistance to steam	EN 438-2	Appearance	Grade	≥ 4		
Resistance to scratch	EN 438-2	Load	N	≥ 3		≥ 2
Resistance to staining	EN 438-2	Groups 1 and 2	Grade	≥ 5		
		Group 3	Grade	≥ 4		
Resistance to color change in xenon arc light .	EN 438-2	Wool standard	Grey scale	≥ 4		
Resistance to cigarette burns	EN 438-2	Appearance	Grade	≥ 3		
Formaldehyde emission	EN 13986	Classification	Class	E1		
Food contact Total migration	EN 1186	3% acetic acid 24h at 40°C	mg/dm ²	< 10		
		50% ethanol 24h at 40°C		< 10		
		95% ethanol 24h a 40°C		< 10		
		isooctane 24h at 40°C		< 10		
Food contact Formaldehyde migration	EN 13130	3% acetic acid 24h at 40°C	mg/kg	< 15		
Evaluation of the action of microorganisms.	EN ISO 846	Microorganisms growing. Soft finish	Grade	0 – no microorganisms growing		
		Microorganisms growing Textured finish	Grade	1 – low and slow microorganisms growing		

PHYSICAL-MECHANICAL PROPERTIES.

FIMALAM / FIMALAM AH physical-mechanical properties are those of the raw board used in the sandwich construction.

STORAGE

FIMALAM / FIMALAM AH must always be stored under cover and on a flat surface. 18-22°C y 50-60 % H.R. is the ideal condition for its storage. It must never be in direct contact with water. Blocks must always be lined up with the vertical. If the packaging is damaged during its handling, it must be packed again so the product is correctly preserved. If the piling-up conditions or the changes in moisture or temperature above mentioned are not respected in the warehouses or the processing areas, they may cause irreversible deformations and warpings.