

Technical Datasheet-Laminate flooring

Specification

Tile Merchant SKU	FLAM-BOSTONOAK, FLAM-DALLASOAK, FLAM-ATLANTAOAK, FLAM-CHICAGOAK		
Size Product	2200*239*12mm		
Warelayer	AC4		
Surface	EIR		
Density of HDF	850-880kgs/m ³		
Loading specs	4pcs/box, 48boxes/pallet		
Product quality			
Standard: EN 13329			
Dimension	thickness	12 ± 0,50 mm T max - T min ≤ 0,50 mm	
	length	2200 ± 0,30 mm L ≤ 1500mm, ΔL ≤ 0.50mm; L > 1500mm, ΔL ≤ 0.30mm/m	
	width	239 ± 0,10 mm W max - W min ≤ 0,20 mm	
Dimension tolerances			
Characteristic	Requirement	Test Method	
Squareness	q max. ≤ 0.20mm	EN 13329	
Straightness	S max. ≤ 0.30mm/m	EN 13329	
Faltness crosswise	F w ,convex: ≤ 0,15 % F w ,convex: ≤ 0,20 %	EN 13329	
Flatness length	F l ,convex: ≤ 0,50 % F l ,convex: ≤ 1,00 %	EN 13329	
Openings between elements	average: ≤ 0,15 mm max.: ≤ 0,20 mm	EN 13329	
Height difference between elements	average: ≤ 0,10 mm max.: ≤ 0,15 mm	EN 13329	
Classification requirements+ level of use +surface test			
CLASS	Level of sue	Test Method	
Abrasion resistance	AC5 (≥ 4000 Umdr.)	EN 13329	
Impact resistance	IC3	EN 13329	
Effect of a furniture leg	No damage shall be visible when tested with foot type 0	EN 424	
Resistance to staining	Groups1 and 2	grade 5	EN 438
	Group 3	≥grade 4	
Effect of a castor chair	no change in appearance or damage, as defined in EN 425	EN 425	
Thickness swelling	≤ 16%	EN 13329	
Surface soundness	≥ 1,00 N/mm ²	EN 13329	
Light fastness	blue wool scale, not worse than 6	EN 20105-B02	
	Grey scale, not worse than 4	EN 20105-A02	
Environmental characteristics			
Emission of Formaldehyde	Class E1 (≤ 8mg/100g)	EN120	
	Class E1 (≤ 0.124mg/m ³)	EN 717	
Fire rating	B _{fl} -s1,t1	GB8624-2006	
Certificates			
Floorscore Certificate	CE Certificate	Quality Management System	SGS Certificates
			