



HERCULES AQUA LAMINATE

80Hr Moisture Resistant

Specification

Size Product	2200*239*12mm
Warelayer	AC5
Surface	EIR
Density of HDF	880±30kgs/m ³
Loading specs	6pcs/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
Sqaureness	q max. ≤ 0.20mm	EN 13329
Straightness	S max. ≤ 0.30mm/m	EN 13329
Faltness crosswise	F w ,conkav: ≤ 0,15 % F w ,convex: ≤ 0,20 %	EN 13329
Flatness lenght	F l ,conkav: ≤ 0,50 % F l ,convex: ≤ 1,00 %	EN 13329
Openings between elemnets	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 (≥ 6000 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	≤ 11%	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 _{f1} -s1,t1	GB8624-2006

Certificates

Floorscore Certificate  <small>GRANTED BY SCS Global Services</small>	CE Certiciate 	Quality Management System 	SGS Certicates 
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