

Technical data

StyleBoard HDF 106

Tolerance on thickness	± 0.2 mm
Tolerance on length (EN 324-1)	± 5 mm
Tolerance on width (EN 324-1)	± 5 mm
Straightness of edges (EN 324-2)	1.5 mm/m
Squareness (EN 324-2)	2 mm/m
Moisture content (EN 322)	6 % ± 2 %
Formaldehyde emission class	E1 E05 CARB Phase 2 / TSCA Title VI

Property	Test method	Unit	Requirement				
			Thickness / Range of thickness (mm, nominal dimension)				
			> 2.4 to ≤ 4.9	> 4.9 to ≤ 6	> 6 to ≤ 6.7	> 6.7 to ≤ 8.9	> 8.9 to ≤ 12
Mean density	EN 323	kg/m ³	850	910	910	900	890
Bending strength	EN 310	N/mm ²	35	40	40	40	40
Bending modulus of elasticity	EN 310	N/mm ²	—	3,500	3,500	3,500	3,500
Internal bond	EN 319	N/mm ²	0.65	1.5	1.5	1.4	1.4
Surface soundness	EN 311	N/mm ²	—	1.5	1.5	1.4	1.4
Swelling in thickness, 24 h	EN 317	%	60	20	14	12	12

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