

SWISSPFB

Application

SWISSPFB is suitable as a particularly rigid base board for lining furniture surfaces.

Technical class

Core: particleboard (type P2, EN 312) with a high density, dry process fibre-board (type HDF, EN 622-5) as surface for use in dry areas and general (non-bearing) applications.



Technical Specifications

Properties				Unit	Standard
Material thickness	19	22	25	mm	
Certificate Code	PFB	PFB	PFB		
Density min	755	740	735	kg/m ³	EN 323
Density max	800	790	780	kg/m ³	EN 323
Internal bond strength	0.4	0.4	0.4	N/mm ²	DIN EN 319
Bending strength	35	30	28	N/mm ²	DIN EN 310
Modulus of elasticity	4500	4300	4000	N/mm ²	DIN EN 310
Surface soundness	1.2	1.2	1.2	N/mm ²	DIN EN 311
Resistance to axial withdrawal of screws surface	1200	1200	1200	N	EN 320
Resistance to axial withdrawal of screws edge	750	750	750	N	EN 320
Formaldehyde emission (ppm) E1	≤ 0.1	≤ 0.1	≤ 0.1	ppm	EN 717-1
Final surface sanding (Grit size)	100	100	100		

Tolerances

Properties				Unit	Standard
Material thickness	19	22	25	mm	
Length tolerance	± 5	± 5	± 5	mm	EN 324-1
Width tolerance	± 5	± 5	± 5	mm	EN 324-1
Edge straightness	1.5	1.5	1.5	mm/m	EN 324-2
Squareness	2	2	2	mm/m	EN 324-2
Moisture content Min	4	4	4	%	EN 322
Moisture content Max	6	6	6	%	EN 322
Tolerance density	± 3	± 3	± 3	%	EN 323