

SWISSSPAN P2

Particleboard for interior fitments (including furniture) for use in dry conditions

Application SWISSSPAN P2 is suitable for non- load-bearing use in dry conditions for interior fitments, in buildings and stands, and as base board for lining furniture surfaces

Technical class Particleboard for interior fitments (including furniture) for use in dry conditions, Type P2, EN 312

Technical specification	<6-13	>13-20	>20-25	>25-32	>32-40	>40	Unit	Standard
Density	680-760	630-680	600-630	600-630	580-620	560-610	kg/m ³	
Bending strength	11	11	10.5	9.5	8.5	7	N/mm ²	EN 310
Modulus of elasticity	1800	1600	1500	1350	1200	1050	N/mm ²	EN 310
Internal bond	0.4	0.35	0.3	0.25	0.2	0.2	N/mm ²	EN 319
Surface soundness	1.0	1.0	1.0	1.0	1.0	1.0	N/mm ²	EN 311
Moisture content	5-6	5-6	5-6	5-6	5-6	5-6	%	EN 322
Reaction to fire	-	D-s2, d0	D-s2, d0	D-s2, d0	D-s2, d0	D-s2, d0		EN13501-1
Thermal conductivity	0.15	0.13	0.13	0.13	0.12	0.12	W/(mk)	EN 13986
Water vapour resistance	17 50	16 50	15 50	15 50	15 50	15 50		EN 13986
Airborne sound insulation	25	27	29	30	31	32	dB	EN 13986
Lindane Pentachlorophenol (PCP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	Not detected	CEN/TR 14823
Formaldehyde class	E1	E1	E1	E1	E1	E1		
Sound absorption	0.10	0.10	0.10	0.10	0.10	0.10		EN 13986
250-500 Hz 1'000-2'000 Hz	0.25	0.25	0.25	0.25	0.25	0.25		
Tolerances	Thickness sanded board: ±0.3 mm Length, width for 2.80 x 2.07 m and for 5.60 x 2.07 m: ±5.0 mm Edge straightness 1.5 mm/m Squareness 2.0 mm/m Density (deviation from mean density within board) ±10%							EN 622-1
Ecological characteristics	Renewable energy > 90% Wood fibres 86% UF-Resin 8-10% Swiss wood soft- and hardwood from forest thinnings and sawmill residues no post-consumer recycled content no chlorides, no biocides thermally recyclable							

- Processing can give rise to saw- and grinding dust. Do not breathe in this wood dust (protective equipment and suction)! Suction equipment should always be used to remove wood dust. The risk of explosion is therefore minimised.
- The product is not on the list of hazardous substances, nor is it subject to precise labelling requirements (Dangerous Substances Ordinance / Waste Traffic Ordinance).
- The adhesive used in the base board is urea formaldehyde resin. However, there is scarcely any free formaldehyde, and the correctly processed board releases virtually none (E1).
- The product is chemically stable and has no toxic effects. It is suitable for indoor applications.
- SWISSSPAN P2 is a product from sustainable forest management. The wood used comes from forest thinnings, and so helps to keep Swiss forests healthy.
- The product can be recycled after the first lifecycle or converted into CO₂ neutral energy in a suitable plant.



Swiss Made
Swiss Quality



Certified Quality and Environmental
Management



Low CO₂-
production



Swiss Wood



Sustainable forest management
(certificates can be provided upon request)



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