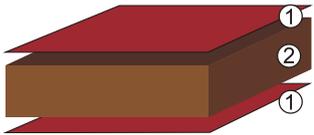


SWISSMDF DECOR

Melamine-faced MDF for internal use in dry conditions

Technical class	Melamine faced board for indoor uses according to EN 14322; Medium density fibreboard (MDF) according to EN 622-5		
Application	SWISSMDF DECOR is suitable for furniture and non-structural internal use under dry conditions.		
Product structure	 <p>(1) Melamine impregnated, chlorine free decorative paper (2) Medium density fibreboard (MDF)</p>		
Processing	<ul style="list-style-type: none"> - SWISSMDF DECOR can be processed with the woodworking tools. - Edges are available in different materials in colour combinations. - Storage conditions: Boards must be placed flat over their whole surfaces at 15–25 °C and 45–65% relative air humidity. - The constant action of heat is permitted at temperatures no higher than 50 °C. Over brief periods (max 1 hour), temperatures as high as 90 °C are permitted. - The surface can be cleaned with a damp, mild, nonabrasive cleaning agent. No acids, lyes, or abrasive agents. 		
Technical specifications			
Decor type	Plain decors	Other decors	Standard
Abrasion resistance	3A	1	class [1-4]
IP WP	≥ 150 ≥ 350	<50 <150	rotations
Scratch resistance	1.5	1.5	N
Resistance to cracking	5	5	level [1-5] No damage
Resistance to water vapour	4	4	level [1-5] minor changes
Color matching	4	4	level [2-5] slight diff. possible
Resistance to staining	Group 1	5	level [1-5] No damage
	Group 2	4	level [1-5] minor damage
Light-fastness (xenon-arc-lamp)	≥ 4	≥ 4	level
Formaldehyde emission	≤ 1		mg/(m ² h)
	≤ 0.03		ppm
Tolerances	Thickness ±0.3 mm Thickness within board ≤ 0.6 mm Flatness ≤ 2 mm/m Length, Width at 2.80 x 2.07 m ± 5.0 mm, pre-cut panels ± 2.5 mm Edge chipping for 2.80 x 2.07 m ≤ 10 mm, pre-cut panels ≤ 3 mm ≤ 2 mm ² /m ² , Longitudinal defects ≤ 20 mm/m		EN 14323
Ecological characteristics	Renewable energy > 90% Wood 80-85% UF-Resin 8-10% Swiss Wood no post-consumer recycled content no chlorides no biocides in the Wood no heavy metals in decors thermally recyclable		SIA 493.05
Safety and other information			
<ul style="list-style-type: none"> - 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. Store unprocessed boards horizontally in a dry environment! - The product is not on the list of hazardous substances, nor is it subject to precise labelling requirements. The product is chemically stable and has no toxic effects. It is suitable for indoor applications. 			
Certificates / labels	      <p>Swiss Made Swiss Quality Certified Quality and Environmental Management Low CO₂-production Swiss Wood from sustainable forestry (certificates can be provided upon request)</p>		