

SWISSMDF SF-B DECOR

✓ E1-D2020 (ChemVerbotsV) ✓ E1

Application

SWISSMDF SF-B DECOR can be used as a finished decorative surface for increased demands on the fire behaviour of furniture and components.



Technical class

Melamine faced board for indoor uses according to EN 14322; dry-manufactured fire-retardant fibreboard for general purpose (non-load bearing) use in dry areas (type MDF, EN 622-5).

Technical data

Properties of the surface (EN 14322)	Uni	Wood, Design	Explanation	Unit	Standard
Wear resistance	3A	1		Class	EN 14323
IP WP	≥ 150 ≥ 350	< 50 < 150		Revolutions	EN 14323
Resistance to scratching	1.5	1.5		N	EN 14323
Resistance to cracking	5	5	5 – no damage 1 – cracks	Level	EN 14323
Resistance to steam	4	4	5 – no damage 1 – Blisters/Delamin	Level	EN 14323
Colour matching	4	4		Level	EN 14323
Resistance to staining Group 1	5	5	5 – no damage 1 – Blisters/Delamin	Level	EN 14323
Resistance to staining Group 2	4	4	5 – no damage 1 – Blisters/Delamin	Level	EN 14323
Resistance to colour change	≥ 4	≥ 4		Level	EN 14323
Formaldehyde emission E1	≤ 0.03	≤ 0.03		ppm	EN 717-1
Reaction to fire	B-s1, d0	B-s1, d0			EN 13501-1

Tolerances

Properties of the surface (EN 14322)	Uni	Wood, Design	Unit	Standard
Thickness	±0.3	±0.3	mm	EN 14323
Thickness differences within board	≤ 0.6	≤ 0.6	mm	EN 14323
Flatness	≤ 2	≤ 2	mm/m	EN 14323
Length, width	± 5.0 ± 2.5	± 5.0 ± 2.5	mm	EN 14323
Edge damage	≤ 10 ≤ 3	≤ 10 ≤ 3	mm	EN 14323
Surface defects points	≤ 2	≤ 2	mm ² /m ²	EN 14323
Surface defects length	≤ 20	≤ 20	mm/m	EN 14323

Ecological information (SIA 493)

Renewable energy > 90% | Wood 80-85% | UF adhesive 8-10% | Red dye < 0.05% | Swiss conifer wood from thinning and sawmill residue | No post-consumer recycled content | No chlorides and no biocides | No heavy metals in decors | Thermally recyclable | Burning material ≤ 10%.