

SWISSSPAN P2 SF-B DECOR

✓ E1-D2020 (ChemVerbotsV) ✓ E1

Application

SWISSSPAN P2 SF-B DECOR can be used as a finished decorative surface for increased requirements on the fire behaviour of furniture and building components.



Technical class

Flame-retardant particleboard type P2 (EN 312) with melamine coating (EN 14322).

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-s2, d0 RF2	B-s2, d0 RF2			EN 13501-1 VKF (CH)

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 68% | UF adhesive 12% | Paraffine 0.5% | Flame Retardant 12% | Red dye 0.02% | Swiss wood from thinning and sawmill residue | No chlorides and no biocides | No heavy metals in decors | Thermally recyclable if ration of burning material ≤ 10% .