SWISS**CDF DECOR**

✓ CARB II / TSCA Title VI ✓ E1-D2020 (ChemVerbotsV) ✓ E1

Application

SWISSCDF is ideal for the construction of furniture and objects subjected to severe surface stresses and high demands in terms of its robustness, such as office & school furniture, kitchen & bathroom fronts, lockers in sports & spa areas, CNC milling/cutting of lettering, logos & ornaments.

Technical class

High-density fibreboard (>1'000 kg/m3) for non-load-bearing purposes in humid conditions (EN 622-5), melamine faced according to EN 14322

Technical data

Properties of the surface (EN 14322)	WB03	WB05	WB07	Unit	Standard
Wear resistance	3A	3A	3A	Class [1-4]	EN 14323
Resistance to scratching	3.5	3.5	3.5	N	EN 14323
Resistance to cracking	5	5	5	Level [1-5]	EN 14323
Impact resistance (big steel ball)	1'000	1'000	1'000	mm	EN 14323
Resistance to steam	4	4	4	Level [1-5]	EN 14323
Colour matching	4	4	4	Level [2-5]	EN 14323
Resistance to staining	4	4	4	Level [1-5]	EN 14323
Resistance to colour change	>4	>4	>4	Levels [3]	EN 14323
Thickness swelling	<7	<7	<7	%	EN 13329
Formaldehyde emission	≤0.03	≤0.03	≤0.03	ppm	EN 717-1
Reaction to fire 6.4 – 10.4 mm 12.4 – 19.4 mm	 C-s2, d0 B-s2, d0 RF2	 C-s2, d0 B-s2, d0 RF2	 C-s2, d0 B-s2, d0 RF2	fire retardant approved applicaitons: freestanding | on metal profiles | directly on A1 / A2-s1	EN 13501-1 VKF (CH)

Tolerances

Properties of the surface (EN 14322)		Unit	Standard
Thickness	+ 0.5 | - 0.3	mm	EN 14323
Length, width	± 5.0 | ± 2.5	mm	EN 14323
Edge damage	≤ 10 | ≤ 3	mm	EN 14323
Surface defects (points)	≤ 2	mm^2/m^2	EN 14323
Surface defects (length)	≤ 20	mm/m	EN 14323

Ecological information (SIA 493)

Renewable energy > 90% | Wood 65-75% | MUF adhesive 20-30% | Swiss wood from thinning and sawmill residue | No chlorides and no biocides | No post-consumer recycled content | No heavy metals in decors | Thermally recyclable.