BE.YOND DECOR

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

Application
BE.YOND DECOR boards are made with next-generation bio-based adhesives and consist of at least 98% natural materials. This makes them the healthiest chipboards on the market and they meet the highest requirements for indoor air quality. They are best used for classic applications in furniture and interior finishing in dry areas for non-load-bearing purposes.

Technical class
Melamine-faced board for indoor use according to EN 14322; particleboard according to EN 312, type P2 (interior fittings incl. furniture).

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

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% | Natural raw materials and binders 98 %. | Swiss wood from thinning and sawmill residue | No chlorides, biocides or other halogens in the wood | 100 % material recyclability.