

BE.YOND ecoPANEL - Characteristic values acc. to EN 13986

For non load bearing and load bearing applications in dry and humid conditions

Properties	Test method	Unit	Requirement
			Thickness [mm]
			15
Strength and stiffness values			
Bending strength- major axid	EN 310	N/mm²	≥ 33
Bending strength - minor axid	EN 310	N/mm²	≥ 17
Modulus of elasticity in bending - major axid	EN 310	N/mm²	≥ 5300
Modulus of elasticity in bending - minor axid	EN 310	N/mm²	≥ 2500
General and building physics values			
Bulk density	EN 323	kg/m³	640 ± 5 %
Tolerance in length and width	EN 324-1	mm	± 3
Max. deviations in board thickness	EN 324-1	mm	± 0,3 (polished – lacquered) ± 0,7 (polished – non lacquered)
Release of formaldehyde (Emissions class)	EN 13986	-	E1 (100% formaldehyde-free binders) According to Annex 1 of §3 Chemicals Prohibition Ordinance (ChemVerbotsV) (1/1/2020).
Content of pentachlorophenol (PCP)	EN 13986	ppm	< 5
Thickness swelling after 24 hours of soaking	EN 317	%	≤ 10
Declaration of Performance No.	SKHU_ecoPANEL_002		

NPD: No Performance Determined