



ECOR-HB

100% Bio-Based - Non – Toxic-Fully – Recyclable

COMMON APPLICATIONS

- Door Skins
- Furniture
- Retail Displays
- Trade Show Booths
- Wall Cladding

Customer – specified grades are available by request and subject to minimum order quantities.

Color deviations allowed

Surface finish – S1S



ECOR-HB board , type HB according to EN 622-2, thickness ≤ 3,5mm				
Property	Test method	Unit	ECOR-1 board type HB Ranges of nominal thickness (mm)	
			1,8 to 2,5	≥ 2,5 to 3,5
Width	EN 324-1	mm	1225 (4ft)	1225 (4ft)
Length	EN 324-1	mm	2440 & 3050 (8 & 10ft)	2440 & 3050 (8 & 10ft)
Thickness tolerance	EN 324-1	mm	± 0,2 (± 1/64)	± 0,2 (± 1/64)
Length and width tolerance	EN 324-1	mm/m	± 2 (max ± 5 mm) (± 5/64 (max ± 13/64 in))	± 2 (max ± 5 mm) (± 5/64 (max ± 13/64 in))
Density	EN 323	kg/m ³	800±50 (49,94 ±3,12 lb/ft ³)	800±50 (49,94 ±3,12 lb/ft ³)
Squareness tolerance	EN 324-2	mm/m	2 (5/64 in)	2 (5/64 in)
Moisture content	EN 322	%	2 to 8	2 to 8
Swelling in thickness 24h	EN 317	%	55	55
Internal bond	EN 319	N/mm ²	0,5 (72,52psi)	0,5 (72,52psi)
Pull off	ASTM D 4541-22 EN 311	N/mm ²	0,5 (72,51psi)	0,5 (72,51psi)
Modulus of rupture	EN 310	N/mm ²	≥18 (2610,67)	≥18 (2610,67)
Modulus of elasticity	EN 310	N/mm ²	≥2100 (304579,24psi)	≥2100 (304579,24psi)
Screw Holding-Face	EN 320	N	N/A	N/A
Screw Holding-Edge	EN 320	N	N/A	N/A
Linear expansion	ASTM D 1037	%	≤0,2	≤0,2

