



ECOR-Ply board type HB according to EN 622-2, thickness > 5,5 mm

Property	Test method	Unit	ECOR-Ply board type HB Ranges of nominal thickness (mm)			
			> 5,5 to 8	> 8 to 10	> 10 to 12	> 12
Width	EN 324-1	mm	1220 (4 ft)	1220 (4 ft)	1220 (4 ft)	1220 (4 ft)
Length	EN 324-1	mm	2440 & 3050 (8 & 10 ft)	2440 & 3050 (8 & 10 ft)	2440 & 3050 (8 & 10 ft)	2440 & 3050 (8 & 10 ft)
Thickness tolerance	EN 324-1	mm	± 0,2 (± 1/8, in)	± 0,2 (± 1/8, in)	± 0,2 (± 1/8, in)	± 0,2 (± 1/8, in)
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))	± 2 (max ± 5 mm) (± 5/64 - (max ± 13/64 in))	± 2 (max ± 5 mm) (± 5/64 - (max ± 13/64 in))
Density	EN 323	kg/m3	900±50 (56,19±3,12 lb/ft3)	900±50 (56,19±3,12 lb/ft3)	900±50 (56,19±3,12 lb/ft3)	900±50 (56,19±3,12 lb/ft3)
Squareness tolerance	EN 324-2	mm/m	2 (5/64 in)	2 (5/64 in)	2 (5/64 in)	2 (5/64 in)
Moisture content	EN 322	%	4 to 8	4 to 8	4 to 8	4 to 8
Swelling in thickness 24 h	EN 317	%	25	25	25	25
Internal bond	EN 319	N/mm2	0,65 (94,27 psi)	0,60 (87,02 psi)	0,55 (79,77)	0,50 (72,52)
Bending strength	EN 310	N/mm2	25 (3625.94 psi)	25 (3625.94 psi)	25 (3625.94 psi)	22 (3190.83 psi)
Modulus of elasticity in bending	EN 310	N/mm2	2700 (391601.89 psi)	2700 (391601.89 psi)	2500 (362594.34 psi)	2300 (333586.80 psi)
Linear expansion	ASTM D 1037	%	≤0,2	≤0,2	≤0,2	≤0,2

ECOR-Ply

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

COMMON APPLICATIONS

- Cabinetry
- Furniture
- Retail Displays
- General Lamination (TFL, Veneer)
- Trade Show Booths
- Store Fixtures
- Plywood, MDF & HDF sustainable alternative

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

Color deviations allowed

Surface finish – S1S

