



ECOR-I class 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/m3	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)
Moisture content	EN 322	%	4 to 8	4 to 8
Swelling in thickness 24h	EN 317	%	37	35
Internal bond	EN 319	N/mm2	0,60 (87,02psi)	0,60 (87,02psi)
Pull off	ASTM D 4541-22 EN 311	N/mm2	0,7 (101,52psi)	0,7 (101,52psi)
Modulus of rupture	EN 310	N/mm2	≥20 (2900,75psi)	≥20 (2900,75psi)
Modulus of elasticity	EN 310	N/mm2	≥2200 (319083,02psi)	≥2200 (319083,02psi)
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

ECOR-1

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

COMMON APPLICATIONS

- Cabinetry
- Furniture
- Retail Displays
- General Lamination (TFL, Veneer)
- Wall Cladding
- Store Fixtures
- Door Skins

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

Color deviations allowed

Surface finish – S1S

