

| Length and width tolerance EN 324-1 mm/m (± 5/64 (max ± 13/64 in)) (± 5/64 (max ± 13/64 in))  Density EN 323 kg/m3 800±50 800±50   |                         |                    |                  |                |              |
|--|-------------------------|--------------------|------------------|----------------|--------------|
| Property         Test method         Unit         Ranges of nominal thickness (mm)           1,5 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))         ± 5/64 (max ± 13/64 in))           Density         EN 323         kg/m3         800±50 (49,94 ± 3,12 lb/ft3)         800±50 (49,94 ± 3,12 lb/ft3)         (49,94 ± 3,12 lb/ft3)         (49,94 ± 3,12 lb/ft3)         (5/64 in)         (5/64 in)         5/64 in)         6/64 in)         6/64 in)         5/64 in)         5/64 in)         6/64 in)         <  | ECOR-HB board , type HB | according to EN 62 | 2-2, thickness ≤ | 4,0mm          |              |
| 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))         ± 2 (max ± 5 mm) (± 5/64 (max ± 13/64 in))           Density         EN 323         kg/m3         800±50 (49,94 ± 3,12 lb/ft3)         800±50 (49,94 ± 3,12 lb/ft3)           Squareness tolerance         EN 324-2         mm/m         2 (5/64 in)         (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/mm2         0,5 (72,52psi)         (72,52psi)           Pull off         ASTM D 4541-22 EN 311         N/mm2         0,5 (72,51psi)         (72,51psi)           Modulus of rupture         EN 310         N/mm2         ≥18 (2610,67)         (2610,67)           Modulus od elasticity         EN 310         N/mm2         ≥2100 (304579,24psi)         (304579,24p  | Property                | Test method        | Unit             | ***            |              |
| Width         EN 324-1         mm         (4ft)         (4ft)           Length         EN 324-1         mm         2440 & 3050<br>(8 & 10ft)         2440 & 3050<br>(8 & 10ft)         2440 & 3050<br>(8 & 10ft)           Thickness tolerance         EN 324-1         mm         ± 0,2<br>(± 1/64)         ± 2 (max ± 5 mm)<br>(± 5/64 (max ± 13/64 in))         ± 2 (max ± 5 mm)<br>(± 5/64 (max ± 13/64 in))         ± 2 (max ± 5 mm)<br>(± 5/64 (max ± 13/64 in))         ± 2 (max ± 5 mm)<br>(± 5/64 (max ± 13/64 in))         ± 2 (max ± 5 mm)<br>(± 5/64 (max ± 13/64 in))         ± 2 (max ± 5 mm)<br>(± 5/64 (max ± 13/64 in))         ± 2 (max ± 5 mm)<br>(± 5/64 (max ± 13/64 in))         ± 2 (max ± 5 mm)<br>(± 5/64 (max ± 13/64 in))         ± 2 (max ± 5 mm)<br>(± 5/64 (max ± 13/64 in))         ± 2 (max ± 5 mm)<br>(± 5/64 (max ± 13/64 in))         ± 2 (max ± 5 mm)<br>(± 5/64 (max ± 13/64 in))         ± 2 (max ± 5 mm)<br>(± 5/64 (max ± 13/64 in))         ± 2 (max ± 5 mm)<br>(± 5/64 (max ± 13/64 in))         ± 2 (max ± 5 mm)<br>(± 5/64 (max ± 13/64 in))         ± 2 (max ± 5 mm)<br>(± 5/64 (max ± 13/64 in))         ± 2 (max ± 5 mm)<br>(± 5/64 (max ± 13/64 in))         ± 2 (max ± 5 mm)<br>(± 5/64 (max ± 13/64 in)) |                         |                    |                  | 1,5 to 2,5     | ≥ 2,5 to 3,5 |
| Length         EN 324-1         mm         (8 & 10ft)         (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         800±50 (49,94 ±3,12 lb/ft3)         800±50 (49,94 ±3,12 lb/ft3)           Squareness tolerance         EN 324-2         mm/m         2 (5/64 in)         (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/mm2         0,5 (72,52psi)         (72,52psi)           Pull off         ASTM D 4541-22 EN 311         N/mm2         0,5 (72,51psi)         (72,51psi)           Modulus of rupture         EN 310         N/mm2         218 (2610,67)         (2610,67)           Modulus od elasticity         EN 310         N/mm2         22100 (304579,24psi)         (304579,24psi)           Screw Holding-Face         EN 320         N         N/A         N/A  | Width                   | EN 324-1           | mm               |                |              |
| Inickness tolerance  | Length                  | EN 324-1           | mm               |                |              |
| Length and width tolerance       EN 324-1       mm/m       (± 5/64 (max ± 13/64 in))       (± 5/64 (in))       (49,94 ±3,12 lb/ft3       (2 10/64 in)       (5/64 in)  | Thickness tolerance     | EN 324-1           | mm               |                |              |
| Density         EN 323         kg/m3         (49,94 ±3,12 lb/ft3)         (49,94 ±3,12 lb/ft3)         (49,94 ±3,12 lb/ft3)           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/mm2         0,5 (72,52psi)         (72,52psi)           Pull off         ASTM D 4541-22 EN 311         N/mm2         0,5 (72,51psi)         (72,51psi)           Modulus of rupture         EN 310         N/mm2         ≥18 (2610,67)         (2610,67)           Modulus od elasticity         EN 310         N/mm2         ≥2100 (304579,24psi)         ≥2100 (304579,24psi)           Screw Holding-Face         EN 320         N         N/A         N/A   | _                       | EN 324-1           | mm/m             | (± 5/64 (max ± |              |
| Squareness tolerance         EN 324-2         mm/m         (5/64 in)         (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/mm2         0,5 (72,52psi)         (72,52psi)           Pull off         ASTM D 4541-22 EN 311         N/mm2         0,5 (72,51psi)         (72,51psi)           Modulus of rupture         EN 310         N/mm2         ≥18 (2610,67)         (2610,67)           Modulus od elasticity         EN 310         N/mm2         ≥2100 (304579,24psi)         ≤2100 (304579,24psi)           Screw Holding-Face         EN 320         N         N/A         N/A   | Density                 | EN 323             | kg/m3            |                |              |
| Swelling in thickness 24h         EN 317         %         55         55           Internal bond         EN 319         N/mm2         0,5 (72,52psi) (72,52psi)         0,5 (72,52psi)           Pull off         ASTM D 4541-22 EN 311         N/mm2         0,5 (72,51psi) (72,51psi)         0,5 (72,51psi)           Modulus of rupture         EN 310         N/mm2         ≥18 (2610,67) (2610,67)         (2610,67)           Modulus od elasticity         EN 310         N/mm2         ≥2100 (304579,24psi) (304579,24psi)         Screw Holding-Face         EN 320         N         N/A         N/A  | Squareness tolerance    | EN 324-2           | mm/m             | _              | _            |
| 24h         EN 317         %         55         55           Internal bond         EN 319         N/mm2         0,5 (72,52psi)         0,5 (72,52psi)           Pull off         ASTM D 4541-22 EN 311         N/mm2         0,5 (72,51psi)         0,5 (72,51psi)           Modulus of rupture         EN 310         N/mm2         ≥18 (2610,67)         (2610,67)           Modulus od elasticity         EN 310         N/mm2         ≥2100 (304579,24psi)         (304579,24psi)           Screw Holding-Face         EN 320         N         N/A         N/A  | Moisture content        | EN 322             | %                | 2 to 8         | 2 to 8       |
| N/mm2   (72,52psi)   (72,52psi)   (72,52psi)   | •                       | EN 317             | %                | 55             | 55           |
| Pull off         EN 311         N/mm2         (72,51psi)         (72,51psi)           Modulus of rupture         EN 310         N/mm2         ≥18 (2610,67)         (2610,67)           Modulus od elasticity         EN 310         N/mm2         ≥2100 (304579,24psi)         (304579,24psi)           Screw Holding-Face         EN 320         N         N/A         N/A   | Internal bond           | EN 319             | N/mm2            |                | · ·          |
| Modulus of rupture         EN 310         N/mm2         (2610,67)         (2610,67)           Modulus od elasticity         EN 310         N/mm2         ≥2100         ≥2100           (304579,24psi)         (304579,24psi)         Screw Holding-Face         EN 320         N         N/A         N/A   | Pull off                |                    | N/mm2            |                | · ·          |
| Modulus od elasticity EN 310 N/mm2 (304579,24psi) (304579,24psi)  Screw Holding-Face EN 320 N N/A N/A  | Modulus of rupture      | EN 310             | N/mm2            |                |              |
|  | Modulus od elasticity   | EN 310             | N/mm2            |                |              |
| Screw Holding-Edge EN 320 N N/A N/A  | 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   | Linear expansion        | ASTM D 1037        | %                | ≤0,2           | ≤0,2         |



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













