

INFORMATION

A sophisticated, designer-grade board, made from repurposed organic material, delivering aesthetic appeal and robust performance.
Perfect for quality & craftsmanship in demanding environments

FEATURES

- No wood or plastic
- 100% waterproof
- Self extinguishing
- Structural & decorative applications
- Designer relevant colour range

PROPERTIES

TYPICAL PROPERTIES AS TESTED TO IS 2380

Thickness in mm	16	18
Density in Kg /M3	946.36	827.16
Moisture %	3.62%	4.11%
Thickness Swelling % @ 2 Hours	0.94%	1.11%
Water Absorption % @ 2 Hours	0.47%	0.47%
Modules of Rupture N/mm2	11.95	16.17
Modules of Elasticity N/mm2	1315	1288
Screw Withdrawal in Face - N	1324	1344
Screw Withdrawal in Edge - N	1648	1521
Internal Bonding N/mm2	3.633	2.118
Hardness in Shore D	72	77
Tensile Strength MPa	7.2	8.32
Elongation %	1.62%	1.48%
Load Bearing Capacity N/mm2	39.46 Kg/M	60.93 Kg/M

EMISSIONS AS TESTED TO ASTM D 6007-22

Thickness in mm	16	18
Formaldehyde Emission - ppm	0.02	0.03

BOILING WATER RESISTANCE AS TESTED TO IS 2380

Thickness in mm	16	18
Thickness swell	3.12%	2.72%

HEAT RESISTANCE AS TESTED TO IS 2380

Heat Resistance @ 180°C - for 1 Hour

For both Boards, softening begins at 80 Degree Centigrade

Substrate loses rigidity & becomes flexible

After 10 minutes at ambient temperature, substrate returns to original condition

FIRE TEST

Both Boards are Self Extinguishing in Fire Test