

Document 1 7 pages, living wall construction details
ref. 12-32-LW-01

ECOSHEET TECHNICAL DATA

Size: 2440 x 1220 x 18mm

Dimensional Tolerance: Thickness +/- 1.5mm, Width +/- 5mm, Length +/- 10mm

Weight: Approx 33kg

Density: 616kg/m³

Flexural Modulus: 750-850MPa

Flexural Stress: 9.5MPa

Breaking Failure: 650N

Water Permeability: The closed cell structure makes EcoSheet completely waterproof, this means there can be no swelling.

Wind Resistance: In-house testing suggests that EcoSheet can withstand Beaufort Scale 10 when supported on a 3 rail timber post and rail structure.

Creep Resistance: Board supported at 450mm centre, with a 30kg weight in centre, stable 1.5-2.0mm deflection. We have found that 70-100kg can be supported at 400mm.

NB. EcoSheet is made from recycled plastics and is not food grade - it is 100% waterproof.
