



**ECOBOARD TECHNICAL DATA SHEET
FIBRE CEMENT FLAT SHEETS
STANDARD EN 12467:2012+A2:2018**



Product Type	: FIBER CEMENT BOARD
Material Properties	: Calcium Silicate Fibre Cement Board
Classification of installation and use	: ECOBOARD a CALCIUM SILICATE Fibre Cement Board for use as an exterior non-loading Cladding on vertical Timber, Metal Supports, on Block Wall to external walls of new and existing domestic and non-domestic buildings, Roofing & Floor Decking, Soffit. Category A
Dimensions	: 2440 mm x 1220 mm
Thickness	: 6 mm, 12mm and 18 mm
Tolerance on length	: ±2mm
Tolerance on width	: ±1.5mm
Tolerance on thickness	: -10%e + 15%e (e: sheet thickness)
Surface Condition	: Front Face – Smooth Back Face - Textured
Squareness of edges	: 0.07 mm/m
Straightness of edges	: 0.01%
Apparent Density	: 1550 kg/m ³
Anti-bending strength	: ≥16Mpa
Modulus of rupture (Wet Condition)	: 15.2 MPa
Modulus of rupture (Ambient Condition)	: 13.8 Mpa
Modulus of Elasticity	: 4 Mpa
Thermal conductivity	: 0.21 W/mK
Reaction to fire	: Fire resistant, (A1 Class building material according to EN 13501-1)
Biological Resistance	: Highly Resistant
Frost Resistance	: Frost resistant according to EN 12467
Mechanical Resistance	: CATEGORY A Class 3 (EN 12467:2012+A2:2018)
Water impermeability	: Impermeable according to EN 12467
Durability against warm water	: Pass (RL=0.99)
Durability against soak/dry	: Pass (RL=0.81)
Durability against freeze/thaw	: Pass (RL=0.92)
Durability against heat/rain	: Pass (No visible cracks or damage after 50 cycles)
Release of Asbestos	: Non-Asbestos
Release of other dangerous substances	: None

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