

Technical Data

12mm Construction Board

Specification	
Board Dimensions & Weight	1200mm x 800mm / 15.2kg 2400mm x 1200mm / 45kg
Tolerance	0.2%
Test Standard	BS EN 12467:2016 + A1:2016
Performance	
Density	1.28g cm ³
Linear Variation (change in moisture)	0.16%
Bending Strength (dry)	12.46 MPa
Bending Strength (saturated in warm water)	12.91 MPa
Water Impermeability (unprimed)	No water formation after 24 hours Damp patch covers tested area
Water Impermeability (primed)	No water formation after 24 hours No damp patch in tested area after 192 hours
Reaction to Fire	EuroClass A1 Non-Combustible (A1fl)
Test Standard	EN ISO 1182 & EN ISO 1716
Fire Insulation	BS 476 part 22 118 min burntime for timber frame party wall
Mechanical Characteristics - Bending Strength (MOR)	Class 2
Durability. Freeze-Thaw	Complied
Durability. Heat-Rain	Passed
Durability. Warm Water	Complied
Durability. Soak-Dry	Complied
Pull through testing	Mean result: 1650 (Newtons)
Pull out testing	Mean result: 840 (Newtons)
Thermal Conductivity	0.24149 W/mK