

20-20

Fibre Cement Board

Technical Data Sheet

Technical Specification

Test Subject	Test	Results	
		9mm Board	12mm Board
Density Dry (ex works)		1350 Kg/m3 +/- 5%	
pH Levels		10-11	
Bending Strength (mor) - wet (average)	BS EN 12467	13.2 MPa (class 2)	14 MPa (class 3)
Modulus of Elasticity	BS EN 12467	3500 N/mm2	2200 N/mm2
Reaction to Fire	BS EN 13501-1	A1 Non-combustible	
Fire Resistance for non-load bearing walls (steel frame)	BS EN 1364-1	60 & 90 minutes (9mm thickness)	
Thermal Conductivity	BS EN 12664	0.160W/m.K	
Thermal Resistance	BS EN 12664	0.055m2.K/W	
Weather Resistance	BS EN 12467	Category A	
Water Impermeability	BS EN 12467	24hr Pass	
Soak / Dry	BS EN 12467	56 Days Pass	
Heat / Rain	BS EN 12467	50 Cycles Pass	
Freeze / Thaw	BS EN 12467	100 Cycles Pass	
Moisture Movement (After immersion in water)	BS EN 12467	0.1%	
Water Absorption (24hr cold water soak)		≤ 20% Gain from Ex Works Condition	
Screw Withdrawal Resistance (Pull Out)	BS EN 320	0.85kN	1.16kN



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Appearance and Dimension

The 20-20 Fibre Cement Boards are supplied as a rectangular board with square edges. The surface texture is smooth on the front and lightly textured at the back. Each pallet contains 52 sheets at 36kg for 9mm boards and 40 sheets at 48kg for 12mm boards.

Thickness: 9mm & 12mm

Board Size: 2400mm x 1200mm