

TECHNICAL DATA SHEET

FS-Masterboard

Issue:03/17



FireSafe-Masterboard is a premium medium-density calcium silicate panel, primarily composed of calcium silicate, cement, and a blend of special fillers and fibers. The off-white panel features a smooth, powder-free surface that can be used directly or adorned with paints, wallpapers, or tiles.

GENERAL TECHNICAL DATA

Test	Standard	Result
Density	EN 1602	975 ± 98 kg/m ³
Thickness deviation	EN 823	± 0.5 mm
Deviation of overall dimensions	EN 822	± 5 mm
Flexural Strength	BS EN 310	5 MPa (Longitudinal)
Compressive Strength	BS 5669:Part1	10 MPa
Tensile strength	BS 5669:Part1	1.2 (Longitudinal)
Thermal Conductivity (20°C)	ASTM C518	0.20 W/ (m.K)
Surface burning Characteristics	ASTM E84	Class 0
Flammability	EN 13501-1	A1
Moisture Content, by weight	ASTM C1616	6 %
Asbestos content	ISO 22262	asbestos-free

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