

TECHNICAL DATA SHEET

FS-750 Calcium Silicate Board Issue:03/17



FireSafe-750 medium-density calcium silicate thermal insulation board is made of selected high-quality mineral raw materials by unique technology. It is a calcium silicate panel with fireproof, high strength and moisture resistance.

GENERAL TECHNICAL DATA

Test	Standard	Result
Density	EN 1602	750 ± 75 kg/m ³
Thickness deviation	EN 823	± 0.5 mm
Deviation of overall dimensions	EN 822	± 5 mm
Flexural Strength	BS EN 310	5.34(Longitudinal) 5.48(Transverse)
Compressive Strength	BS 5669:Part1	8.43 MPa
Tensile strength	BS 5669:Part1	2.678(Longitudinal) 2.571(Transverse)
Thermal shrinkage	EN 1604	-6.7×10 ⁻⁷ (600°C)
Thermal Conductivity (25°C)	ASTM C518	0.167 W/ (m.K)
Surface burning Characteristics	ASTM E84	Class 0
Flammability	EN 13501-1	A1
Moisture Content, by weight	ASTM C1616	1.0%
Asbestos content	ISO 22262	asbestos-free

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