

TECHNICAL DATA SHEET

FS-900 Calcium Silicate Board Issue:03/17



FireSafe-900 is a medium-density calcium silicate board made from calcium silicate, cement, and specialty fibers. It offers a lighter weight and improved fire resistance. Its smooth, dust-free surface can be used directly or finished with paint, wallpaper, or tiles, and it is easily worked with using standard woodworking tools.

GENERAL TECHNICAL DATA

Test	Standard	Result
Density	EN 1602	870 ± 87 kg/m ³
Thickness deviation	EN 823	± 0.5 mm
Deviation of overall dimensions	EN 822	± 5 mm
Flexural Strength	BS EN 310	11.8 (Longitudinal) 6.5 (Transverse)
Compressive Strength	BS 5669:Part1	12.0 MPa
Tensile strength	BS 5669:Part1	7.2 (Longitudinal) 5.2 (Transverse)
Thermal Conductivity (20°C)	ASTM C518	0.23 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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