

TECHNICAL DATA SHEET

FS-Durasteel Panel

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FireSafe-Durasteel Panel is a cutting-edge, blast-resistant composite board with a unique sandwich-like framework. It features two perforated metal sheets tightly pressed on either side of a fiber-reinforced cement core. This ingenious layout ensures robustness and strength, setting the Durasteel Panel apart from other panels on the market.

GENERAL TECHNICAL DATA

Test	Result
Thickness Type	9.5 mm
Nominal Board Weight	20.5 kg/m ²
Thickness deviation	± 1 mm
Deviation of overall dimensions	± 2 mm
Blast Resistance	Tested from 0.3 to 2 bar over pressure and impact resistant to 4000J after 3 hour fire test in accordance with DIN 4102 Parts 2 and 3 requirements
Flexural Strength	86 MPa
Maximum Continuous Operating Temperature	350 °C
Thermal Conductivity (20°C)	0.125 W/ (m.K)
Sound Reduction Index	30.0 dB
Building regulations classification	Class 0
Spread of Flame	Class 1
Flammability	A1
Moisture Content, by weight	≤ 5 %
Asbestos content	asbestos-free

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