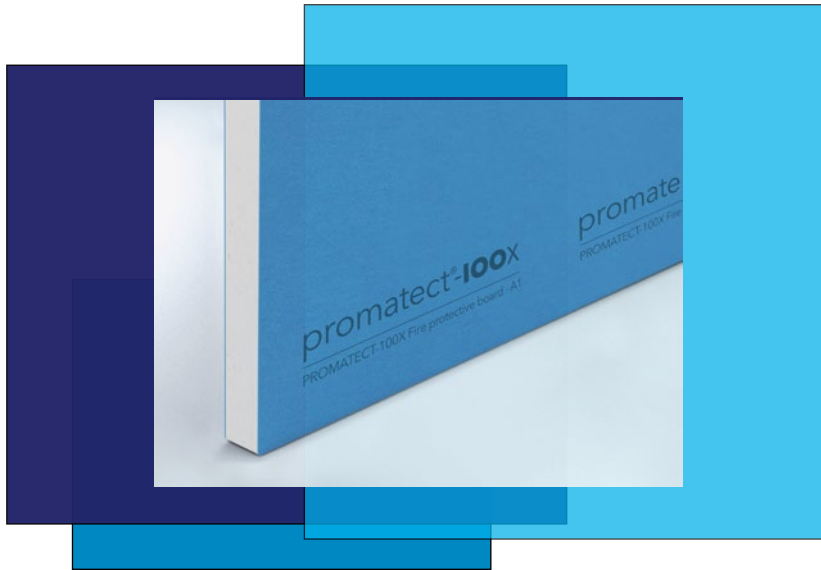




General Description

PROMATECT®-100X is an innovative fire protection board specifically designed for internal building compartmentation. Installed vertically or horizontally, it provides high-performance passive fire protection.

Appearance

- Colour: Blue
- Front Surface: Smooth
- Rear Surface: Smooth

Field of Application

- 2hr Fire Resistant Steel Stud Walls
- 4hr Fire Resistant Steel Stud Walls
- 2hr Fire Resistant Steel Frame Ceilings

Handling & Processing

PROMATECT®-100X boards can be cut using the "score-snap-cut" method commonly used for gypsum plasterboards. No power tools are required. When cutting to size, observe workplace dust limits. Dust extraction is recommended. Refer to the product safety data sheet for more information.

Surface Treatment

Thanks to their physical properties and surface finish, PROMATECT®-100X boards are suitable for most types of decorative coatings. Refer to the technical manual for further specific details

Transport & Storage

Store and transport the boards on a flat surface. During transport, they must at least be protected with a tarpaulin. Store in a well-ventilated covered space.

Technical Data

Thickness	Standard dimensions	Board weights (approximate)
22mm	1200 x 2400mm	53kg
Board tolerances		
Thickness	± 0.5mm	
Length	± 5mm	
Width	± 3mm	

Physical properties

Minimum apparent density (EN 12467 - § 7.3.1)	840 (±10%) Kg/m³
Bending strength (EN 12467-§7.3.2)	
Longitudinal	> 4.5 MPa
Transversal	> 2.5 MPa
Tensile resistance (EN 789 - §9)	
Longitudinal	> 1.6 MPa
Transversal	> 1.4 MPa
Compressive strength (EN 789 - §8)	
Longitudinal	> 6 MPa
Transversal	> 6 MPa
Modulus of elasticity (EN 12467-§7.3.2)	
Longitudinal	> 2000MPa
Transversal	> 2000MPa
Deemed Non Combustible in accordance with NCC C2D10 (6) (a)	
Combustability (EN13501-1) - A1	
Durability (EAD 350142-00-1106)	25 years of working life in internal (Z2) and semi-exposed (Y) use