

PROMATECT®-LT

Technical data sheet

Fire Protection Boards



Benefits

- Fire Reaction Class: A1 Non Combustible EN13501-1
- Indoor damp or humid conditions
- High temperature environments (up to 80°C)
- Slim constructions
- Early installation for faster build

Application

- Ventilation ductwork
- Smoke extraction ductwork

Certificate

ETA - Undergoing certification. Available 2025

Storage Conditions

Store in a dry and well-ventilated space, under cover, on a flat surface.

Safety Instructions

Please refer to the Safety Information Sheet for additional advice.

Product description

PROMATECT®-LT is a self-supporting, cement-bonded fire protection board based on calcium silicate. It has a medium-low bulk density with high insulation effect, dimensional stability and can be processed with woodworking tools.

PROMATECT®-LT is white beige in colour. The front face is smooth sanded; the reverse face is in lightly honeycombed texture. Decoration on the boards can be achieved with paints.

PROMATECT®-LT is suitable for indoor areas with increased humidity. The product does not encourage mould growth and is resistant to attack by vermin. Untreated board surfaces will absorb water which can cause some loss of mechanical strength, but strength is regained after drying.

TECHNICAL DATA

Colour	White beige
Dry density	650 ± 15 %
Compressive strength	ca. 5 N/mm ²
Tensile Strength Perpendicular	ca. 0.5 N/mm ²
Tensile Strength Parallel	ca. 1.2 N/mm ²
Flexural Strength	ca. 3 N/mm ²
Modulus of elasticity	ca. 1300 N/mm ²
Alkalinity	pH ca. 10
Use category	Z ₂ , Y
Fire Reaction Class	A1, non-combustible

PRODUCT DIMENSIONS	LENGTH	WIDTH	THICKNESS	WEIGHT PER M ² *	QUANTITY ON PALLET
PROMATECT®-LT (2500 x 1200 x 25mm)	2500 ± 3 mm	1200 ± 3 mm	25 ± 0.5 mm	ca. 16 kg/m ²	30
PROMATECT®-LT (2500 x 1200 x 30mm)	2500 ± 3 mm	1200 ± 3 mm	30 ± 0.5 mm	ca. 19,5 kg/m ²	25
PROMATECT®-LT (2500 x 1200 x 33 mm)	2500 ± 3 mm	1200 ± 3 mm	33 ± 0.5 mm	ca. 21,5 kg/m ²	23
PROMATECT®-LT (2500 x 1200 x 40mm)	2500 ± 3 mm	1200 ± 3 mm	40 ± 0.5 mm	ca. 26 kg/m ²	20

*(+23 °C, 50 % RH) The values apply as indicative for minimum assembly weights

The product must be applied in accordance with regulations for construction material in general and passive fire protection in particular, with the applicable national test certificates and approvals and in accordance with applicable national building regulations. Products may only be applied by trained professionals with adequate knowledge and only after thorough review of the installation guidelines, safety data sheets, national test certificates and approvals. For additional information on how and where to use this product please refer to the Promat handbook or contact your local Promat office. All the relevant documents can be obtained free of charge from the local Promat office. For Non-European Union countries separate guidelines are relevant. If required please contact your local Promat office.

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