

PRODUCT DATA SHEET

Date: 01.11.2023

FINOTECH® FIREGUARD® Calcium Silicate-Sulphate Board

Product description

FINOTECH® FIREGUARD® boards consist of calcium silicates and sulphates, asbestos-free. They are produced by lamination under controlled drying conditions.

They are rated as non-combustible (Class A1 fire reaction). The FINOTECH® FIREGUARD® boards provide mechanical strength and high resistance to moisture and weathering. They guarantee a high thermal insulation for various application in passive fire protection. systems



Application

FINOTECH® FIREGUARD® is particularly suitable for the insulation of fire-resistant building components such as doors and in aluminum and steel profile systems.

Features

- large size and self-supporting
- mechanical and abrasion resistance
- good thermal insulation
- non-combustible: class A1
- excellent mechanical support
- excellent workability
- dimensional stability at high humidity or temperatures
- excellent stability in the event of fire
- good resistance to chemicals
- resistance to vibrations
- bacterial and fungal resistance
- CE marking (EN 15283-1)

Sizes and Color

Color : grey

Dimension: 1200 x 2000 mm

Thickness : 12,5 – 18 – 41 mm tolerance \pm 3-5 %

Product Characteristics

Property	Value
CE mark	EN 15283-1
Reaction to fire	A1
Density	700 - 850 kg/m ³ \pm 10%
Moisture content	< 10%
Water absorption	\leq 2,0%
Compressive strength	> 8,5 MPa
Bending strength	> 7,6 MPa
E-modul	> 2500 MPa
Linear thermal expansion	0,011 mm/°C/m
Thermal Conductivity at 200°C / 400°F	0.3 W/mK
Color	grey



Limited Warranty

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestion of use shall not be taken as inducements to infringe any patent. FINOTECH's product warranty confirms our products will meet always the technical data sheets values for the duration of the granted shelf-life if all advises given by FINOTECH

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