

PRODUCT DATA SHEET

Date: 01.01.2023

FINOTECH® NAPER-S Calcium Silicate Board

Product description

FINOTECH® NAPER-S is a non-combustible, Calcium silicate slab with a cement matrix produced in an autoclave. They are impervious to water and most chemicals. Their chemical-physical characteristics guarantee excellent mechanical and dimensional stability both in the presence of moisture and when exposed to high temperatures of over 1,000 °C. They are suitable for use in insulation systems with continuous temperatures of up to 500 °C. Hydroscopic and permeable to water vapor, they absorb and release moisture while maintaining their physical and mechanical properties.

Application

FINOTECH® NAPER-S 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
- CE marking (EN 12467)

Sizes and Color

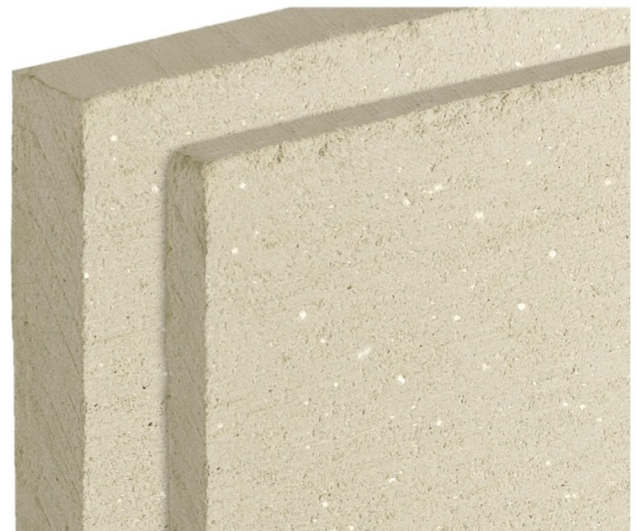
Color : beige

Dimension: 1200 x 2400 mm or 1220 x 2440 mm

Tolerance length & width: < 0,25 %

Thickness : 5 – 6 – 8 – 9 – 12 – 15 - 20 - 25 mm

Tolerance in thickness : ± 3-5 %



Product Characteristics

Property	Value
Material structure	Hard /resistant material
Classification EN 13501-1	Class A
Density	1200 kg/m ³ ± 10%
Moisture content	< 10%
Water absorption	≤ 2,0%
Compressive Strength	9 N/mm ²
Thermal Conductivity at 200°C / 400°F	0.25 W/mK
Color	beige



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

through application, storage and handling guidelines have been followed up correctly. Customers can be asked to protocol and proof that the guidelines were followed. FINOTECH specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability others than described in our technical data sheets. FINOTECH's product warranty disclaims liability for any incidental or consequential damages. Further building project warranties could be given at particular request by the clients following the FINOTECH SQM Building Warranty testing and consulting procedures.