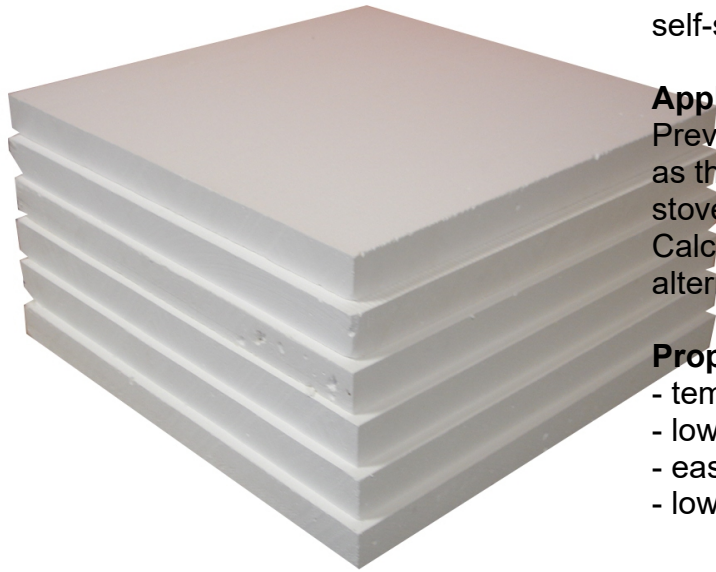


**HeWaTherm®
Promasil®**



Description:

Promasil is a lightweight calcium silicate boards.

It is insensitive to moisture, large size and self-supporting.

Application:

Preventive structural fire protection as well as thermal insulation for fireplaces and tiled stoves.

Calcium silicate is only slightly resistant to alternating temperatures.

Properties:

- temperature resistance up to 950°C
- low thermal conductivity
- easy to process with woodworking tools
- low resistance to alternating temperatures

Promasil		
Formats (other formats, thicknesses, densities and molded parts on request)	mm	500 x 300 1,000 x 500
Thickness	mm	30; 40; 50; 60; 80; 100
Classification temp.	°C	950
Volumetric weight	Kg/m ³	245
Authorization EN 13229	For fireplaces and tiled stoves	Z-43.14-139
Pressure resistance	MPa	1.2
Thermal conductivity	W/mK	200°C – 0.10 400°C – 0.12 600°C – 0.15 800°C – 0.17
Linear shrinkage	1,000 °C / 24 h	< 1.00%
Construction material class	DIN 4102 (EN 13501)	A1, non-combustible
Customs Tariff Number		68069000

Data are average values of current production. Sending samples is possible after consultation. Testing the Material is highly recommended. A warranty can not be derived from this data.

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