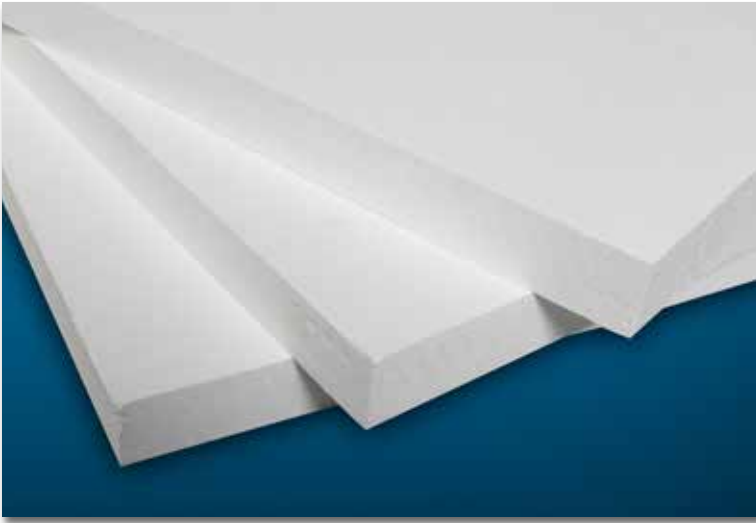


# PROMASIL<sup>®</sup>-950KS



### High performance calcium silicates

PROMASIL<sup>®</sup>-950KS are lightweight insulation boards for wall protection of fire places and chimneys. The material complies to EN 13229 and is approved to DIN 18892 and 18895 (approval no. Z-43.14-139).

PROMASIL<sup>®</sup> materials can be produced as boards, pipe sections, segments, and cut sections.

Technical data		
Colour		white
Building material class	DIN 4102 EN 13501-1	A1, non-combustible
Classification temperature	°C	950
Bulk density	kg/m <sup>3</sup>	245
Cold compressive strength	N/mm <sup>2</sup>	1.2
Thermal expansion 500 °C	%	max. 0.63
Specific heat capacity	kJ/kg K	0.88
Thermal conductivity 200 °C	W/m K	< 0.10
400 °C	W/m K	0.12
600 °C	W/m K	0.15

Delivery sizes		
Length	mm	1000
Width	mm	500
Thickness	mm	30 / 40 / 50 / 60 / 65 / 70 / 75 / 80 / 90 / 100

Production tolerances		
Length and width	mm	± 1.5
Thickness	mm	± 1.5

# PROMASIL<sup>®</sup>-950KS

### Properties & advantages

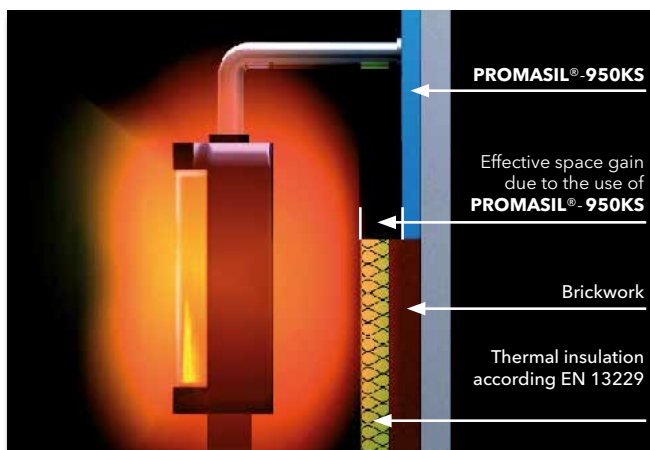
- low thermal conductivity
- low shrinkage
- low bulk density, lightweight
- good mechanical strength
- good workability
- flexible size format, thickness up to 100 mm
- shaped parts available including pipe sections and segments

### Application areas

#### FIREPLACES AND CHIMNEYS

- wall insulation
- pipe insulation

### Gaining space with PROMASIL<sup>®</sup>-950KS



### Working & processing

PROMASIL<sup>®</sup> can be easily worked and machined with woodworking tools wet and dry. Read and understand the safety information sheet.

When cutting to size, the maximum workplace concentration values for inhalable dust must be observed. Dust extraction is recommended. See product safety information sheet.

