

PLISULATE 1100 B

Type: Insulating slabs, calcium-silicate-based, exceptional heat resistance, high mechanical strength, dimensional stability, non-dusting.
FREE FROM SULPHUR !

Classification temperature: 1100°C
Density: 260 kg/m³ (± 10%)
Porosity: 90 Vol.-%
Cold compressive strength: 1,6 N/mm²
Compressive strength:
 after 12 h firing at: 750°C 1,2 N/mm²
 950°C 1,0 N/mm²
Specific heat: 0,8 - 1,2 kJ/kgK
Thermal linear change:
 after 12 h firing at: 1050°C -1,5%
pH-value: approx. 10

Chemical standard values:

	CaO	SiO ₂	Fe ₂ O ₃
	44%	45%	0,2%

Thermal conductivity:

200°C	0,09 W/mK
400°C	0,11 W/mK
600°C	0,13 W/mK
800°C	0,16 W/mK

Standard format: 1250 × 500 mm
Special formats: available at request up to 1250 × 3000 mm

Thicknesses: 25, 30, 40, 50, 60, 65, 70, 75, 80, 90 und 100 mm

Tolerances:

Length:	± 5,0 mm
Width:	± 3,0 mm
Thickness:	± 2,0 mm