

## OVERVIEW TECHNICAL DATA

# cosTherm<sup>®</sup> FH.1000

**Product Description:**

cosTherm<sup>®</sup> FH.1000 is an asbestos-free calcium silicate insulation board. cosTherm<sup>®</sup> FH.1000 is characterised by high temperature resistance and very good insulating properties with good mechanical stability.

Data	Value	Unit
Operating temperature	1000	°C
Thermal conductivity at 23 °C	0,24	W/mk
Thermal conductivity at 200 °C	0,20	W/mk
Coefficient of expansion (in length and width)	$7,5 * 10^{-6}$	1/K
Compressive strength	18	N/mm <sup>2</sup>
Bending strength	6	N/mm <sup>2</sup>
Density	0,75	g/cm <sup>3</sup>

**Delivery forms:**

Standard size 2500 x 1250 mm  
Standard thicknesses 12 - 50 mm

We deliver plates, pre-cut parts and machined parts according to drawings.

**Application:**

cosTherm<sup>®</sup> FH.1000 is used in dryer and industrial furnace construction as well as in machine and apparatus construction.

Additional technical information is available up on request.

We reserve the right to make changes in the context of further technical developments. The guide values listed in this data sheet are not contractual data. Issue 04-2024

Please contact our applications and sales engineers to clarify the suitability of the material for your application.