

OVERVIEW TECHNICAL DATA

cosTherm[®] F.500

Product Description:

cosTherm[®] F.500 is an asbestos-free calcium silicate insulation board with high strength and good capability. cosTherm[®] F.500 has a low thermal conductivity and is highly thermally resistant.

Data	Value	Unit
Operating temperature	500	°C
Thermal conductivity at 23 °C	0,18	W/mk
Thermal conductivity at 200 °C	0,19	
Compressive strength at 23 °C	12	N/mm ²
Bending strength	7	N/mm ²
Density	0,78	g/cm ³

Delivery forms:

Standard size 2440 x 1220 mm
Standard thicknesses 12 - 50 mm

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

Application:

cosTherm[®] F.500 is used in dryer, apparatus and industrial furnace construction as well as in ventilation and air conditioning technology.

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.