

OVERVIEW TECHNICAL DATA

cosTherm[®] 4000 A

Product Description:

cosTherm[®] 4000 A is an insulation material based on glasfibre reinforced resin. The optimized combination of first-class raw materials and ribbing on the surface give cosTherm[®] 4000 A its outstanding insulation effect.

Data	Value	Unit
Operating temperature short term	250	°C
Operating temperature long term	200	°C
Thermal conductivity	0,09	W/mk
Coefficient of expansion (in length and width)	28*10 ⁻⁶	1/K
Compressive strength at 23 °C	100	N/mm ²
Compressive strength at 200 °C	80	N/mm ²
Bending strength at 23 °C	150	N/mm ²
Density	1,2	g/cm ³

Delivery forms:

Standard size 1220 x 2440 mm
Standard thicknesses 5 - 15 mm

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

Application:

cosTherm[®] 4000 A is an insulation material which is used as outer surface insulation at heated plants and machineries. Particularly companies of the plastics and rubber industry use cosTherm[®] 4000 A to insulate heated presses, tools and moulds.

Additional technical information is available up on request.