

## OVERVIEW TECHNICAL DATA

**cosTherm<sup>®</sup> 4000 A****Product Description:**

cosTherm<sup>®</sup> 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<sup>®</sup> 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 <sup>-6</sup>	1/K
Compressive strength at 23 °C	100	N/mm <sup>2</sup>
Compressive strength at 200 °C	80	N/mm <sup>2</sup>
Bending strength at 23 °C	150	N/mm <sup>2</sup>
Density	1,2	g/cm <sup>3</sup>

**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<sup>®</sup> 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<sup>®</sup> 4000 A to insulate heated presses, tools and moulds.

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.