

OVERVIEW TECHNICAL DATA

cosTherm[®] P.250**Product Description:**

cosTherm[®] P.250 based on a high quality roving fine weave glass fibre combined with temperature resistant high class thermosetting resin. cosTherm[®] P.250 is characterized by outstanding pressure resistance, high continuous service temperature and a good insulation effect.

Data	Value	Unit
Operating temperature short term	280	°C
Operating temperature long term	250	°C
Thermal conductivity	0,25	W/mk
Coefficient of expansion (in length and width)	11 * 10 ⁻⁶	1/K
Compressive strength at 23 °C	650	N/mm ²
Compressive strength at 200 °C	450	N/mm ²
Bending strength at 23 °C	600	N/mm ²
Bending strength at 200 °C	350	N/mm ²
Density	2	g/cm ³

Delivery forms:

Standard size 2500 x 1250 mm
Standard thicknesses 6 - 25 mm

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

Application:

cosTherm[®] P.250 is prevalently used as heat shield in combination with other cosTherm[®] insulation materials. Due to its outstanding dimension Stability also at high temperatures cosTherm[®] P.250 is perfectly dedicated as highly stressable mechanical part.

Additional technical information is available up on request.