

General machine construction

Areas of application of ISOCOS insulation materials:

- **Insulation of injection moulding machines, presses, extrusion and blow moulding machines**

In general machine construction, the requirements on insulation are as varied as the production processes themselves. ISOCOS solutions are customised precisely to the application and the corresponding thermal, mechanical and chemical load.

Our insulation concepts for machines and systems reduce wear, lower energy costs, shorten heat-up times and cycles, and form the basis of consistent quality by exactly controlling the heat balance.

Our solutions are designed for safe, continuous long-term use of the equipment.

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ISOCOS products for general machine construction

Product name	Operating temperature (long term)	Compressive strength at 23 °C
cosTherm® A	270 °C	10 N/mm ²
cosTherm® E.210	210 °C	600 N/mm ²
cosTherm® E.230	230 °C	650 N/mm ²
cosTherm® FH.400	400 °C	9 N/mm ²
cosTherm® FT.750	1000 °C	55 N/mm ²
cosTherm® G.500	500 °C	400 N/mm ²
cosTherm® G.700	700 °C	340 N/mm ²
cosTherm® P.250	250 °C	650 N/mm ²
cosTherm® S.280	280 °C	450 N/mm ²
cosTherm® 4000	200 °C	320 N/mm ²
cosTherm® 4000 A	200 °C	100 N/mm ²
cosTherm® 4000 HD	200 °C	500 N/mm ²
cosTherm® 4000 plus	230 °C	450 N/mm ²
cosTherm® E.230 HD	250 °C	750 N/mm ²