

Woodworking

Areas of application of ISOCOS insulation materials:

- **Insulation for continuously operating presses, short-cycle presses and floor presses**

Woodworking production facilities are subject to high thermal and mechanical loads. Even small temperature fluctuations affect the quality of boards and coatings. For continuously operating presses and coating systems, control of the operating temperature is the main focus, whereas for cyclical systems, in particular short-cycle presses, the compressive strength and setting behaviour of the insulation are key.

Whether customised piston insulation to protect sensitive hydraulics, large area insulation of heating plates or the insulation of frames, outer edges and circumferential edges of the production facilities to avoid deformations – ISOCOS realises durable insulation concepts that ensure plant operation with consistent quality.

Naturally, our insulation materials also exhibit the necessary chemical resistance to separation and cleaning agents and our delivery times are short. When you need to minimise downtime, you can rely on ISOCOS.

→ [General machine construction](#)

ISOCOS products for the woodworking industry

Product name	Operating temperature (long term)	Compressive strength at 23 °C
cosTherm® E.210	210 °C	600 N/mm ²
cosTherm® E.230	230 °C	650 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 plus	230 °C	450 N/mm ²
cosTherm® E.230 HD	250 °C	750 N/mm ²