

OVERVIEW TECHNICAL DATA

PressTherm[®] PD

Material description	Calcium silicate material
Color	grey-brown
Uses	Pressureless external insulation for heating plates in press construction
Availability	Panels, blanks and components/assemblies according to drawings

Physical properties

Properties	Test standard	Unit	Value
Density	ISO 1183	g/cm ³	0,87

Thermal properties

Properties	Test standard	Unit	Value
Application temperature, continuous	–	°C	400
Thermal conductivity	DIN 52612	W/mK	0,21
Specific Heat Capacity	–	KJ/KgK	0,92

Mechanical properties

Properties	Test standard	Unit	Value
Compressive strength at 23 °C	ISO 604	N/mm ²	9,3

Other features

Properties	Test standard	Unit	Value
Fire	DIN 4102	–	A1, non-flammable

Last update: 11/2014

The values listed were determined on standard test specimens. The material properties may differ from these values depending on the application and the component geometry.

Our consulting engineers and technicians are at your disposal to clarify the exact suitability of the material.