

MATERIAL DATA SHEET

Material description:

PROMACLAD®-1100/600 are high-temperature insulating boards based on exfoliated vermiculite and inorganic binders. The material is free of asbestos and organic substances.

Specifications:

Designation and type:	PROMACLAD®-1100/600
Colour:	ochre
Class reaction on fire DIN 4102:	A 1
Classification temperature:	1100 °C
Bulk density:	600 ± 5 % kg/m ³
Cold crushing strength:	4,0 MPa
Shrinkage at 1100 °C / 12 h:	below 2 %
Specific heat capacity:	1,15 kJ/kg.K
Thermal conductivity at: 200 °C	0,16 W/m.K
400 °C	0,18 W/m.K
600 °C	0,20 W/m.K
Reversible thermal expansion (20-700 °C):	0,9 %

All details correspond to the state of technology and have been described to the best of our knowledge. Changes on the base of new results are possible. Data in material data sheet are higher priority, that data in catalogue.

Last revision: 9/2017