

## MATERIAL DATA SHEET

### Material description:

**PROMAFORM®-1430** are vacuum-formed boards and other fittings on the basis aluminosilicate fibers and mixtures of inorganic and organic binders. Plates and fittings can be used for refractory linings that are exposed directly contact with heat, temperature shocks, event. aggressive chemical environment.

### Specifications:

Designation and type:	<b>PROMAFORM®-1430</b>		
Colour:	white to beige		
Classification temperature:	1400	°C	
Bulk density at thickness:	300-350	kg/m <sup>3</sup>	
Shrinkage at 1400 °C / 24 h:	under 4	%	
Thermal conductivity at:	200 °C	0,06-0,07	W/m.K
	400 °C	0,08-0,09	W/m.K
	600 °C	0,11-0,12	W/m.K
	800 °C	0,15-0,16	W/m.K
	1000 °C	0,20-0,21	W/m.K
	1200 °C	0,26-0,27	W/m.K
Chemical analysis:	SiO <sub>2</sub>	52-56	%
	Al <sub>2</sub> O <sub>3</sub>	28-32	%
	ZrO <sub>2</sub>	14-18	%
LOI:	6-9	%	
Format:	1000 x 610 / 1250 x 1000 mm		
Available thicknesses:	5 to 100 mm		

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.

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