

Ceramic mat, 25x48x7200mm

Elastic stitched mat produced of all kinds of aluminosilicate fibre, without the addition of organic binders. It is meant for thermal insulation of furnaces, dryers, ingot moulds, coke batteries and in many other applications with very high temperature and where we want to reduce the heat flow.



Properties

- the highest resistance to thermal shocks,
- very low thermal conductivity,
- good chemical resistance,
- flexibility,
- non-flammability.

Technical parameters

DESCRIPTION OF PARAMETER		VALUE	
TYPE		MT – 1260	
Maximum temperature of continuous work in °C		1100	
Maximum short-term working temperature °C		1300	
Thermal conductivity (W/mK)	200°C	0,07	
	400°C	0,11	
	600°C	0,14	
	800°C	0,18	
	1000°C	0,26	
	1200°C	0,35	
Chemical composition	Al ₂ O ₃	45	
	SiO ₂	54	
	Fe ₂ O ₃	0,50	
	ZrO ₂	3	
	Na ₂ O K ₂ O	0,40	
Maximum losses after ignition in %		1	
Maximum contractibility of the surface in %		3	
Density in kg/m ³		128 ± 15 %	
Colour		white	
Size in mm (thickness/width/length)		25 x 48 x 7200	