

CERAMIC FIBER BOARDS 1260-1425 °C



Vacuum formed ceramic fiber boards UNIHEAT are very good insulation materials. Features: low thermal conductivity, very low heat storage, resistance to thermal shocks, easy to handle.



PRODUCT PROPERTIES		LD HPS 1260	MD HPS 1260	LD HTZ 1425
TEMPERATURE GRADE	°C	1260	1260	1425
LONGTERM OPERATING TEMP	°C	1100	1100	1300
DENSITY	kg/m ³	300	350	300
THERMAL SHRINKAGE				
• 1100 °C (24 HOUR)	%	2-3	1-2	-
• 1300 °C (24 HOUR)	%	-	-	1-2
SPECIFIC HEAT - 1000 °C	kJ.kg ⁻¹ .K ⁻¹	1,13		
PACKAGING		karton		
CHEMICAL COMPOSITION				
• AL ₂ O ₃	%	39-41	39-41	
• SiO ₂	%	52-54	52-54	
• ZrO ₂	%			
THERMAL CONDUCTIVITY				
• 200 °C	W.m ⁻¹ K ⁻¹	0,074	0,055	0,078

Standard sizes and packaging

THICKNESS	WIDTH	LENGTH
10-15-25-50 mm	610 mm	1000 mm
or on request of customer		