



PAROC PRO SLAB 100

Stone wool slab

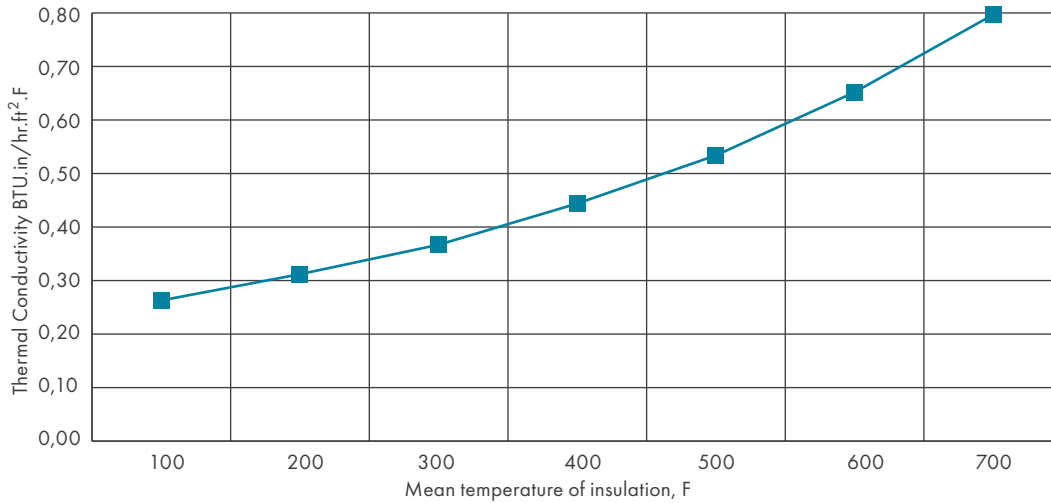
Thermal insulation of flat surfaces in industrial equipments and vessels.

COMPLIANCE AND PERFORMANCE		
ASTM C 612	STANDARD SPECIFICATION FOR MINERAL FIBRE BLOCK AND BOARD THERMAL INSULATION	TYPE IVA
ASTM E 84	Surface Burning Characteristics	Flame Spread index 0 Smoke Development Index < 5
ASTM C 411	Hot Surface Performance	In Compliance with ASTM C 612 1200 °F (650 °C)
ASTM C 447	Maximum Use Temperature	In Compliance with ASTM C 612 1200 °F (650 °C)
ASTM C 303	Nominal density	6 lb/ft ³
ASTM C 303	Dimensions	In Compliance with ASTM C 612
ASTM C 795	Stainless Steel Stress Corrosion Specification as per Test Method C 871 U.S. Nuclear Regulatory Commission, Reg. Guide 1.36	Conforms
ASTM C 356	Linear Shrinkage, length and width	< 1,0 % @ 1200 °F (650 °C)
ASTM C 1335	LOI and Shot Content	LOI < 2,5 % Shot content < 20,0 %
ASTM C 1104	Water vapor sorption	< 0,25 % by weight
ASTM C 177	Thermal conductivity curves in W/mK and in Btu.in./h.ft ² , F	According to the table and curve below

DIMENSIONS	
THICKNESS	WIDTH x LENGHT
1, 2, 3, 4, 5 inches	24 x 48 inch

PAROC stone wool products are capable of withstanding high temperatures. The binder starts to outgas when its temperature exceeds approximately 400 F. The insulating properties remain unchanged, but the compressive stress weakens. The melting temperature of stone wool products is over 1800 F.

THERMAL CONDUCTIVITY OF PAROC PRO SLAB 100



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