

ProRox PS 960

Product description

ProRox PS 960 is a pre-formed stone wool pipe section. The sections are supplied split and hinged for easy snap-on assembly and are suitable for the thermal and acoustic insulation of industrial pipe work.

Compliance

ProRox PS 960 Pipe Sections fully comply with the requirements as set by internationally recognized standards like EN14303, CINI 2.2.03, PMUC, ASTM C547: Grade A for type I, II, IV and VDI 2055, AGI Q 132 designation code: 10.04.03.65.99

Product properties

	Performance											Norms	
Thermal conductivity	T [°C]	50	100	150	200	250	300	350					EN 12667
	λ (W/mK)	0,040	0,046	0,054	0,064	0,077	0,092	0,111					
Maximum Service Temperature	650° C (1200°F)											EN 14707	
Reaction to fire	EuroClass A _{1L}											EN 13501-1	
Nominal density	> 100 kg/m ³ (6,24 lb/ft ³)											EN 13470	
Water leachable chloride content	Chloride content < 10 ppm (AS - Quality)											EN 13468	
Water Absorption	< 1 kg/m ²											EN 13472	
Water vapour diffusion resistance	μ = 1											EN 12086	
Air Flow Resistivity	> 80 kPa.s/m ²											EN 29053	
Designation code	MW EN 14303-T9(T8 if D ₀ <150)-ST(+)/650-WS1-CL10											EN 14303	

*) Rockwool ProRox insulation fully complies with EN 14303. Density is not an insulation property in itself it only reflects the actual weight of the product per cubic meter.



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Product characteristics in accordance to ASTM C547

	Performance								Norms
Thermal conductivity	Tm (°F)	100	200	300	400	500	600	700	ASTM C335
	λ (Btu.in/hr.ft².°F)	0,253	0,300	0,353	0,414	0,484	0,566	0,661	
Maximum Service Temperature	Hot Surface Performance: 1200 °F - (650 °C)								ASTM C411
Reaction to fire	Surface burning characteristics Flame spread index: Passed - Smoke development index: Passed index = 0								ASTM E84 (UL 723)
Nominal density	6,24 lb/ft³ - 100 kg/m³								ASTM C302
Chemical analysis for Sodium, Silicate, Chloride and Fluoride content, pH-value	Results falling within "acceptable" range of "acceptability curve" of ASTM C795								ASTM C871
	neutral to slightly alkaline								ASTM C795
Corrosion resistance	Stress Corrosion Cracking Tendency of Austenitic Stainless Steel Passed								ASTM C692
Water Absorption/ Vapor Sorption	≤1% weight								ASTM C1104 / 1104M
Compliance	Grade A Type I, II, IV								ASTM C547

