

ProRox WM 970^{NL}



Old name: Rockwool 168

Product description

ProRox WM 970 is a lightly bonded heavy duty stone wool mat stitched on galvanised wired mesh with galvanised wire. The wired mat is especially suitable for industrial applications such as high-pressure steam pipes, reactors, furnaces, etc. where high extreme demands are made on the temperature resistance of the insulation. Stainless steel mesh, stainless steel binding wire and/or aluminium foil facing are available upon request.

Compliance

ProRox WM 970 Wired Mats fully comply with the requirements as set by internationally recognized standards like EN14303, CINI 2.2.02 and ASTM C592 Type I, II and III.

Product properties

	Performance												Norms
Thermal conductivity	T [°C]	50	100	150	200	250	300	350	400	500	600	680	EN 12667 ASTM C177
	λ (W/mK)	0,040	0,045	0,051	0,058	0,066	0,075	0,085	0,096	0,123	0,157	0,188	
Maximum Service Temperature	680°C (1256°F) 750°C (1382°F)												EN 14706 ASTM C411
Reaction to fire	Euroclass A1 Surface burning characteristics; Flame spread=passed, Smoke development=Passed												EN 13501-1 ASTM E84 (UL 723)
Nominal density	128 kg/m ³ (8,0 lb/ft ³)												EN 1602
Water leachable chloride content	Chloride content < 10 ppm (AS - Quality) Conforms to the stainless steel corrosion specification as per ASTM test methods C 692 and C 871 < 10 mg/kg (ph-value neutral to slightly alkaline)												EN 13468 ASTM C795 ASTM C871
Water Absorption	< 1 kg/m ² Water vapour absorption (Vapor sorption) ± 0,02%vol												EN 1609 ASTM C1104/C1104M
Water vapour diffusion resistance	μ = 1												EN 14303
Air Flow Resistivity	> 80 kPa.s/m ²												EN 29053
Designation code	MW EN 14303-T2-ST(+)-680-WS1-CL10												EN 14303



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