

ProRox WM 960

Old name: Rockwool 159



Application

ProRox WM 960 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 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 960 Wired Mats fully comply with the requirements as set by internationally recognized standards.

Product properties

	Performance							Standard	
Thermal Conductivity*	MeanTemp(°C)	50	100	150	200	250	300		
	λ (W/mK)	0.037	0.043	0.048	0.057	0.065	0.077	EN 12667/ ASTM C177	
	λ (W/mK)	0.039	0.045	0.049	0.068	0.077	0.090	IS 8183/ IS 3144	
Density		100 Kg/m ³							
Heat Resistance		No visible deterioration of the fibrous structure. No evidence of self heating. No fusion of fibers @ 550°C							IS 8183/ IS 3144
Maximum Service Temperature		660°C (1220°F) 750°C (1382°F)							EN 14706 ASTM C411
Incombustibility*		1.68%							IS 8183/ IS 3144
Reaction to Fire		Euro Class A1 Surface burning characteristics; Flame spread = Passed, Smoke development = Passed							EN 13501-1 ASTM E 84 (UL 723)
pH*		7.96							IS 8183/ IS 3144
Water leachable chloride content*		Chloride content 7.4 mg/kg, Conforms to the stainless steel corrosion specification as per ASTM test methods C 692 and C871							EN 13468 ASTM C795 ASTM C871
Sulphur content*		0.12%							IS 8183/ IS 3144
Water absorption*		Water absorption 0.16 Kg/m ² Water vapour absorption (vapor sorption) 0.015% vol > 150 μ m 8.2 % > 300 μ m 1.64 % > 850 μ m 0.71 % > 250 μ m 4.8 % > 500 μ m 1.65 %							EN 1609 ASTM C1104/ C1104M ASTM 1335
Shot Content*									IS 8183 / IS 3144

Note: *Best Tested Values



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