

ProRox WM 950^{NL}



Old name: Rockwool 164

Product description

ProRox WM 950 is a lightly bonded stone wool mat stitched on galvanised wire mesh using galvanised wire. The wired mat is suitable for thermal acoustic insulation of industrial applications reaching high temperatures, such as industrial pipe work, boiler walls, furnaces and smoke ducts. Stainless steel mesh, stainless steel binding wire and/or aluminium foil facing are available upon request.

Compliance

ProRox WM 950 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	640	EN 12667
	λ (W/mK)	0,039	0,045	0,053	0,062	0,072	0,084	0,097	0,112	0,146	0,192	0,213	
Maximum Service Temperature	640°C (1184°F)												EN 14706
	750°C (1382°F)												ASTM C411
Reaction to fire	Euroclass A1												EN 13501-1
	Surface burning characteristics; Flame spread=passed, Smoke development=Passed												ASTM E84 (UL 723)
Nominal density	80 kg/m ³ (5,0 lb/ft ³)												EN 1602
Water leachable chloride content	Chloride content < 10 ppm (AS - Quality)												EN 13468
	Conforms to the stainless steel corrosion specification as per ASTM test methods C 692 and C 871												ASTM C795
	< 10 mg/kg (ph-value neutral to slightly alkaline)												ASTM C871
Water Absorption	< 1 kg/m ²												EN 1609
	Water vapour absorption (Vapor sorption) ± 0,02%vol												ASTM C1104/C1104M
Water vapour diffusion resistance	μ = 1												EN 14303
Air Flow Resistivity	> 40 kPa.s/m ²												EN 29053
Designation code	MW EN 14303-T2-ST(+)-640-WS1-CL10												EN 14303

