

ProRox WM 968^{XC}

ProRox WM 968^{XC} is a lightly bonded heavy stone wool mat stitched on galvanised wired mesh with galvanised wire. The wired mat is especially suitable for industrial installations where high temperature up to 750°C and vibration resistance is required.



Application

The Highly durable insulation sections are supplied split and hinged for easy snap-on assembly and are especially suitable for thermal and acoustic insulation of high temperature industrial pipe work which is subjected to mechanical loads.

Product properties

Properties	Performance							Standard
Thermal conductivity	Mean Temp (°C) λ(W/mK)	50 0.039	100 0.045	150 0.051	200 0.06	250 0.069	300 0.08	ASTM C177
Nominal density	120 kg/m ³							ASTM C167
Heat resistance	No visible deterioration of the fibrous structure. No evidence of self heating. No fusion of fibres at 750°C							IS 3144
Max service temperature	750°C							ASTM C411 / C447
Linear shrinkage	Less than 2% (at max service temperature)							ASTM C356
Incombustibility	<5 wt%							IS 3144
Reaction to Fire	Surface burning characteristic; Flame spread = Passed, Smoke development = Passed							ASTM E84
pH	pH 7-10							ASTM C871
Chloride content	Less than 10 ppm Conforms to the stainless steel corrosion specification as per ASTM C795							ASTM C871 ASTM C692 / C871
Sulphur Content	<0.3 Vol%							IS 3144
Moisture absorption	Less than 1% weight							ASTM C1104/C1104M IS 3144
Water absorption	Less than 1 kg/m ²							EN 1609
Shot Content	> 250µm < 8 wt% > 500µm < 3 wt%							IS 3144

1. All information and data for technical parameters are based on laboratory testing.
2. Nominal values.
3. Default offering SWG 24

Compliance

- ProRox WM 968^{XC} Wired Mats fully comply with the requirements as set by internationally recognized standards like ASTM C592 Type I, II, III and IS 8183.
- Please contact our sales representatives for an extended list of approvals & certifications.



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ROCKWOOL Technical Insulation
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PRODUCT DATA SHEET
200 346IN, XC - 05/21_V2 (EN)
PROROX INDUSTRIAL INSULATION