

ProRox® WM 968

ProRox WM 968 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 in accordance with ASTM C547

Properties ¹	Performance							Norms
Thermal conductivity ² at mean temperature	T _m (°C)	50	100	150	200	250	300	ASTM C177
	λ (W/mK)	0.038	0.044	0.052	0.060	0.069	0.080	
Nominal density	120 kg/m ³							ASTM C167
Maximum use temperature	750°C							ASTM C411 / C447
Linear shrinkage	Less than 2% (at max service temperature)							ASTM C356
Reaction to fire	EuroClass A1 Surface burning characteristic; Flame spread = Passed, Smoke development = Passed							EN 13501-1 ASTM E84
Chloride content	Less than 10 ppm Conforms to the stainless steel corrosion specification as per ASTM C795							ASTM C871 ASTM C692 / C871
Moisture absorption	Less than 1% weight							ASTM C1104 / C1104M
Water absorption	Less than 1 kg/m ²							EN 1609

1. All information and data for technical parameters in this data sheet are based on laboratory testing

2. Nominal values.

Compliance

- ProRox WM 968 Wired Mats comply with the requirements as set by internationally recognized standards like CINI 2.2.02 and ASTM C547 Type I, II and III.
- Above product properties reflect only to ASTM standards. Compliance and Performance according to Indian Standards (IS) can be found on our website. Please contact our sales representatives for an extended list of approvals & certifications.

As ROCKWOOL has no control over insulation design and workmanship, accessory materials or applications conditions, ROCKWOOL does not warranty the performance or result of any installation containing ROCKWOOL products. ROCKWOOL's overall liability and the remedies available are limited by the general terms and conditions of sale. This warranty in lieu of all other warranties and conditions expressed or implied, including the warranties of merchantability and fitness for a particular purpose. ROCKWOOL Technical Insulation reserves the right to make necessary product changes at any time. Technical specifications are thus stated subject to change.



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PRODUCT DATA SHEET
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PROROX INDUSTRIAL INSULATION