

ProRox® WM 970

ProRox WM 970 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.



Product properties in accordance with IS 8183

Properties ¹	Performance							Standard	
	T_m (°C)	50	100	150	200	250	300		
Thermal conductivity ² at mean temperature	λ (W/mK)	0.040	0.047	0.054	0.063	0.074	0.086	IS 3346	
Nominal density		128 kg/m ³							IS 3144
Max service temperature		750°C							ASTM C411 / C447
Heat resistance		No visible deterioration of fibrous structure. No evidence of self heating. No fusion of fibres at 750°C							IS 3144
Incombustibility		< 5 wt%							IS 3144
Reaction to fire		EuroClass A1 Surface burning characteristic; Flame spread = Passed, Smoke development = Passed							EN 13501-1 ASTM E84
pH		7-10							IS 3144
Sulphur content		< 0.3 vol%							IS 3144
Chloride content		Less than 10 ppm Conforms to the stainless steel corrosion specification as per ASTM C795							IS 3144 ASTM C692 / C871
Moisture absorption		Less than 1 wt%							IS 3144
Shot content		>250µm < 8 wt% >500µm < 3 wt%							IS 3144

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

2. Nominal values.

Compliance

- ProRox WM 970 Wired Mat fully comply with the requirements as set by IS 8183 and other internationally recognized standards.
- Above product properties reflect only to IS standards. Compliance and Performance according to ASTM 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
200 345IN-12/18_V3 (EN)
PROROX INDUSTRIAL INSULATION