

ProRox WM 970^{XC}

ProRox WM 970^{XC} is a lightly bonded heavy-duty stone wool mat stitched on galvanised wired mesh with galvanised wire. Stainless steel mesh, stainless steel binding wire are available upon request.



Application

The wired mat is especially suitable for industrial applications such as high-pressure steam pipes, reactors, furnaces, etc. where extreme demands are made on the temperature resistance of the insulation.

Product properties

Properties	Performance							Standard
Thermal conductivity	Mean Temp (°C) λ(W/mK)	50 0.039	100 0.044	150 0.051	200 0.059	250 0.069	300 0.08	ASTM C177
Nominal density	128 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 970^{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.

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.



ROXUL ROCKWOOL Technical Insulation India Pvt Ltd
Wing B-2, 2nd Floor, Unit No. 205,
Boomerang, Near Chandivali Film
Studio, Chandivali Farm Road,
Andheri (E), Mumbai – 400 072,
Maharashtra, India
T (+91) 022 6715 7700
F (+91) 022 6715 7710

ROXUL-ROCKWOOL Insulation India Pvt Ltd
Plot - Z/4, Dahej SEZ, Dahej,
District Bharuch – 392 130,
Gujarat, India
T (+91) 2641 264400

Toll Free 18002669861

ROCKWOOL Technical Insulation
www.rockwoolasia.com

PRODUCT DATA SHEET
200 345IN, XC - 09/20_V1 (EN)
PROROX INDUSTRIAL INSULATION