

# ProRox WM 960<sup>XC</sup>

ProRox WM 960<sup>XC</sup> 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 0.045	150 0.052	200 0.06	250 0.07	300 0.081	ASTM C177
Nominal density	100 kg/m <sup>3</sup>							ASTM C167
Heat resistance	No visible deterioration of the fibrous structure. No evidence of self heating. No fusion of fibres at 650°C							IS 3144
Max service temperature	650°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 <sup>2</sup>							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 960<sup>XC</sup> 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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**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](http://www.rockwoolasia.com)

PRODUCT DATA SHEET  
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**PROROX INDUSTRIAL INSULATION**