

ProRox® WM 950

ProRox WM 950 is a lightly bonded stone wool insulation mat stitched on galvanized wire mesh with galvanized wire. Stainless steel mesh and binding wire (SW), and/or reinforced aluminium foil (ALU) facing are available upon request. The wired mats are produced with an innovative water-repellent binder, known as WR-Tech™, to mitigate the risk of corrosion under insulation (CUI). WR-Tech ensures our stone wool maintains its superior water repellency even at elevated operating temperatures within the CUI range, while preserving its excellent thermal performance in use.



Application

The wired mat is suitable for the thermal and acoustic insulation of industrial installations exposed to the environment, such as outdoor industrial pipework and equipment at petrochemical plants and refineries.

Product properties in accordance with EN 14303



Properties	Performance												Norms
Thermal conductivity	T (°C)	50	100	150	200	250	300	350	400	500	600	640	EN 12667
	λ (W/mK)	0,039	0,045	0,053	0,062	0,072	0,084	0,097	0,112	0,146	0,192	0,213	
Maximum Service Temperature	640°C												EN 14706
Reaction to fire	Euroclass A1 Non-combustible												EN 13501-1 IMO 2010 FTPC
Density	80 kg/m ³												EN 1602
Corrosion resistance	Trace quantity of water leachable chloride ions: ≤ 10 mg/kg												EN 13468
Water absorption	$\leq 0,2$ kg/m ² $\leq 0,2$ kg/m ² (After 24 hrs. pre-heating at 250°C)												EN 1609 EN ISO 29767
Water vapour diffusion resistance	$\mu = 1$												EN 14303
Influence on coating systems	Free from substances (e.g. silicone oil) that might impair surface wetting												VW 3.10.7
Designation code*	MW EN 14303-T2-ST(+) λ 640-WS1-CL10												EN 14303

* Thickness class declared under the load of 1000 Pa

Compliance

- ProRox WM 950 fully complies with the requirements as set by the internationally recognized standards like EN 14303, ASTM C592 Type III, ASTM C795, VDI 2055, VDI 2055 and CINI 2.2.02.
- Above product declarations are also applicable for other available product variances and/or optional facings.
- ROCKWOOL stone wool insulation is made from volcanic rock and is not classified as a hazardous substance in accordance with Note Q, regulation (EC) No. 1272/2008.

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