

ProRox® WM 960

ProRox WM 960 is a lightly bonded heavy-duty stone wool insulation mat stitched on galvanized wired 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, reactors and furnaces at petrochemical plants and refineries.

Product properties in accordance with EN 14303



Properties	Performance													Norms
	T (°C)	50	100	150	200	250	300	350	400	500	600	660		
Thermal conductivity	λ (W/mK)	0,039	0,045	0,052	0,059	0,068	0,078	0,089	0,102	0,131	0,167	0,191	EN 12667	
Maximum Service Temperature		660°C											EN 14706	
Reaction to fire		Euroclass A1 Non-combustible											EN 13501-1 IMO 2010 FTPC	
Density		100 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	
EN 14303 Designation code*		MW EN 14303-T2-ST(+)/660-WS1-CL10											EN 14303	

* Thickness class declared under the load of 1000 Pa.

Compliance

- ProRox WM 960 fully complies with the requirements as set by the internationally recognized standards like EN 14303, ASTM C592 Type III, ASTM C795, 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.

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.

ROCKWOOL® Technical Insulation, ROCKWOOL®, SeaRox® and ProRox® are registered trademarks of ROCKWOOL International A/S and cannot be used without a prior written consent.