

ProRox® WM 950^{UK}

ProRox WM 950^{UK} is a lightly bonded stone wool mat stitched on galvanised wire mesh using galvanised wire. Stainless steel mesh, stainless steel 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 thermal and acoustic insulation of industrial applications reaching high temperatures, such as industrial pipe work, boiler walls, furnaces and smoke ducts.



Product properties in accordance with EN 14303:2009+A1:2013

Properties	Performance												Norms
	T (°C)	50	100	150	200	250	300	350	400	500	600	640	
Thermal conductivity	λ (W/mK)	0,041	0,048	0,057	0,067	0,079	0,092	0,107	0,125	0,164	0,213	0,238	EN 12667
Maximum Service Temperature		640 °C											EN 14706
Reaction to fire		Euroclass A1											EN 13501-1
Nominal 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
EN 14303 Designation code*		MW EN 14303-T2-ST(+)-640-WS1-CL10											EN 14303

* Thickness class declared under a load of 1000 Pa

Compliance

ProRox WM 950^{UK} fully complies with BS EN 14303 and can be used to satisfy the requirements as set by BS 5422.

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