

# ProRox® WM 970<sup>UK</sup>

ProRox WM 970<sup>UK</sup> is a lightly bonded heavy stone wool mat stitched on galvanised wired mesh with galvanised wire. The wired mat is especially suitable for industrial installations such as high-pressure steam pipes, reactors, furnaces, etc. where high demands are made on the temperature resistance of the insulation. ProRox WM 970<sup>UK</sup> wired mats can also be supplied in a special water repellent grade to meet the BP Engineering Standard RP 52-1.



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

	Performance												Norms
	T (°C)	50	100	150	200	250	300	350	400	500	600	680	
Thermal conductivity	$\lambda$ (W/mK)	0,040	0,045	0,053	0,061	0,070	0,081	0,093	0,105	0,132	0,167	0,197	EN 12667
Maximum Service Temperature	680 °C In case of aluminium facing the outer foil temperature should be limited to 80 °C												EN 14706
Reaction to fire	Euroclass A1												EN 13501-1
Nominal density	128 kg/m <sup>3</sup>												EN 1602
Water Absorption	< 1 kg/m <sup>2</sup> < 20 kg/m <sup>3</sup> (for ProRox WM 971 (ALU) UK)												EN 1609 BP 172
Water vapour diffusion resistance	$\mu = 1$												EN 1609
EN 14303 Designation code*	MW-EN 14303-T2-ST(+)-680-WS1												EN 14303

\* Thickness class declared under a load of 1000 Pa

## Compliance to standards

ProRox WM 970<sup>UK</sup> conforms to EN 14303:2009+A1:2013. Thermal insulation products for building equipment and industrial installations. Factory made mineral wool products (MW). Specification and can be used to satisfy BS 5422: "Method for specifying thermal insulating materials for pipes, tanks, vessels, ductwork and equipment operating within the temperature range -40°C to +700°C".

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