

ProRox® WM 960^{UK}

ProRox WM 960^{UK} 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 high demands are made on the temperature resistance of the insulation.

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)	0,040	0,046	0,054	0,063	0,073	0,084	0,098	0,110	0,145	0,180	0,191	EN 12667	
Maximum Service Temperature		640 °C											EN 14706	
Reaction to fire		Euroclass A1											EN 13501-1	
Nominal density		100 kg/m ³											EN 1602	
Water Absorption		< 1 kg/m ²											EN 1609	
Water vapour diffusion resistance		$\mu = 1$											EN 14303	
EN 14303 Designation code*		MW EN 14303-T2-ST(+)/640-WS1											EN 14303	

* Thickness class declared under a load of 1000 Pa

Compliance

ProRox WM 960^{UK} conforms to BS EN 14303:2009+A1:2013 "Thermal insulation products for building equipment and industrial installations. Factory made mineral wool products (MW). Specification can be used to satisfy the requirements as set by 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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