

ProRox® WM 950^{UK}

ProRox WM 950^{UK} is a lightly bonded stone wool mat stitched on galvanised wire mesh using galvanised wire.

Application

The wired mat is suitable for thermal acoustic insulation of industrial applications reaching high temperatures, such as industrial pipe work, boiler walls, furnaces and smoke ducts. Stainless steel mesh, stainless steel binding wire are available upon request.



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

Properties	Performance													Norms
Thermal conductivity	T (°C)	50	100	150	200	250	300	350	400	500	600	640	EN 12667	
	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		
Maximum Service Temperature	640 °C												EN 14706	
Reaction to fire	Euroclass A1												EN 13501-1	
Nominal density	80 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 950^{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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