ProRox WM 960^{UK}

Product description

ProRox WM 960^{UK} 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 960^{UK} wired mats can also be supplied in a special water repellent grade to meet the BP Engineering Standard 172. Galvanised mesh and stitching can be substituted by stainless steel. Please ask for:

· ProRox WM 961^{UK}: Special water repellent grade in accordance with BP 172
· ProRox WM 960 SWM2^{UK}: Stainless steel stitching wire and stainless steel mesh on both sides

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

	Performance	Norms
Thermal conductivity	T (°C) 50 100 150 200 250 300 350 400 500 600 650 λ (W/mK) 0.041 0.047 0.055 0.065 0.077 0.090 0.105 0.122 0.161 0.207 0.231	EN 12667
Maximum Service Temperature	650 °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	90 kg/m^3	EN 1602
Water Absorption	< 1 kg/m^2 < 20 kg/m^3 (for ProRox WM 961 (ALU) ^{UK})	EN 1609 BP 172
Water vapour diffusion resistance	μ = 1	EN 14303
Air Flow Resistivity	> 40 kPa.s/m^2	EN 29053
Designation code	MW EN 14303-T2-ST(+)650-WS1	EN 14303

Compliance to standards

ProRox WM 960^{UK} conforms to BS EN 14303:2009. Thermal insulation products for building equipment and industrial installations. Factory made mineral wool products (MW). Specification 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". They also comply with BP Engineering Standard 172 with regards to water repellency at higher temperatures.

CE

0575

ROCKWOOL®
TECHNICAL INSULATION

ROCKWOOL Technical Insulation
Pencoed, Bridgend
CF35 6NY
Telephone: +44 (0)871 222 1780
Fax: +44 (0)871 222 1781
E-mail: technical.solutions@ rockwool.co.uk
www.rockwool-rti.com