

ProRox® WM 950^{SA}

Product description

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

Compliance

ProRox WM 950^{SA} Wired Mats comply with the requirements as set by internationally recognized standards like CINI 2.2.02 and ASTM C592 Type I, II and III.

Product properties

	Performance							Standard
Thermal Conductivity	Mean Temp (°C)	50	100	150	200	250	300	ASTM C177
	λ(W/mK)	0.038	0.046	0.053	0.062	0.071	0.080	
Nominal Density	80 kg/m ³							EN 1602
Max Service Temperature	650 °C							ASTM C411 / C447
Linear Shrinkage	Less than 2% (at max service temperature)							ASTM C356
Reaction to Fire	EuroClass A1 Surface burning characteristic; Flame spread = Passed, Smoke development = Passed							EN 13501-1 ASTM E84
pH	pH 7-12.5							ASTM C871
Chloride Content	Less than 10 ppm Conforms to the stainless steel corrosion specification as per ASTM C795							ASTM C871 ASTM C692 / C871
Moisture Absorption	Less than 1% weight							ASTM C1104/C1104M
Water Absorption	Less than 1 kg/m ²							EN 1609

Disclaimer: The information contained in this data sheet is believed to be correct at the date of publication. ROCKWOOL does not accept responsibility for the consequences of using ProRox in applications different from those described above.

