

ProRox SL 960^{UK}



Old name: RW 5

Product description

ProRox SL 960^{UK} is a strong and rigid slab and is especially suitable for the thermal and acoustic insulation of constructions up to intermediate temperatures. ProRox SL 960^{UK} slabs can also be supplied in a special water repellent grade to meet the BP Engineering Standard 172. Please ask for our ProRox SL 961^{UK} slabs. Reinforced aluminium foil facing is also available.

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

	Performance											Norms	
	T _m (°C)	50	100	150	200	250	300	350	400	500			
Thermal conductivity	λ (W/mK)	0.039	0.045	0.052	0.060	0.071	0.081	0.094	0.107	0.140			EN 12667
Maximum Service Temperature	500 °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	100 kg/m ³											EN 1602	
Water Absorption	< 1 kg/m ² < 20 kg/m ³ (for ProRox SL 961 (ALU) ^{UK})											EN 1609 BP 172	
Water vapour diffusion resistance	μ = 1											EN 14303	
	S _d > 200 m (for Alu-foil faced product)											EN 12086	
Air Flow Resistivity	> 50 kPa.s/m ²											EN 29053	
Designation code	MW EN 14303-T4-ST(+)-640-WS1											EN 14303	
	MW EN 14303-T4-ST(+)-640-WS1-MV2 (for Alu-foil faced product)												

Compliance to standards

ProRox SL 960^{UK} 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".

