

ProRox® SL 980^{UK}

ProRox SL 980^{UK} is a strong and rigid stone wool slab, for the thermal and acoustic insulation of constructions where higher demands are made on the temperature resistance and mechanical loads of the insulation. ProRox SL 980^{UK} can also be supplied water repellent grade to meet the BP Engineering Standard 172. Please ask for our ProRox SL 981^{UK} slabs. Reinforced aluminium foil facing is also available.



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



	Performance												Norms
	T (°C)	50	100	150	200	250	300	350	400	500	600	700	
Thermal conductivity	λ (W/mK)	0.040	0.044	0.050	0.057	0.064	0.073	0.084	0.094	0.119	0.148	0.182	EN 12667
Maximum Service Temperature	700 °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	140 kg/m ³												EN 1602
Water Absorption	< 1 kg/m ² < 20 kg/m ³ (for ProRox SL 981 (ALU) ^{UK})												EN 1609 BP 172
Water vapour diffusion resistance	$\mu = 1$ $S_d > 200$ m (for Alu-foil faced product)												EN 14303 EN 12086
Air Flow Resistivity	> 60 kPa.s/m ²												EN 29053
Designation code	MW EN 14303-T4-ST(+)-700-WS1 MW EN 14303-T4-ST(+)-700-WS1-MV2 (for Alu-foil faced product)												EN 14303

Compliance to standards

ProRox SL 980^{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".

As ROCKWOOL has no control over insulation design and workmanship, accessory materials or applications conditions, ROCKWOOL does not warranty the performance or result of any installation containing ROCKWOOL products. ROCKWOOL's overall liability and the remedies available are limited by the general terms and conditions of sale. This warranty in lieu of all other warranties and conditions expressed or implied, including the warranties of merchantability and fitness for a particular purpose. ROCKWOOL Technical Insulation reserves the right to make necessary product changes at any time. Technical specifications are thus stated subject to change.