

## ProRox SB 971<sup>UK</sup>

### Product description

ProRox SB 971<sup>UK</sup> is a pre-formed high density stone wool pipe section cut into wedge-shaped segments to suit 1½D pipe bends. The sections are supplied split and hinged for easy snap-on assembly, and are intended exclusively for the thermal and acoustic insulation of pipe bends.

### Product properties in accordance with EN 14303

	Performance											Norms	
	T (°C)	50	100	150	200	250	300	350					
<b>Thermal conductivity</b>	λ (W/mK)	0,040	0,046	0,054	0,064	0,075	0,088	0,106					EN ISO 8497
<b>Maximum Service Temperature</b>	680 °C											EN 14707	
<b>Reaction to fire</b>	Euroclass A1 <sub>L</sub>											EN 13501-1	
<b>Nominal density</b>	140 kg/m <sup>3</sup>											EN 13470	
<b>Water Absorption</b>	< 1 kg/m <sup>2</sup>											EN 13472	
	< 20 kg/m <sup>3</sup>											BP 172	
<b>Water vapour diffusion resistance</b>	μ = 1											EN 14303	
<b>Air Flow Resistivity</b>	> 80 kPa.s/m <sup>2</sup>											EN 29053	
<b>Designation code</b>	MW EN 14303-T9(T8 if D <sub>o</sub> <150)-ST(+)-680-WS1											EN 14303	

[\*]: ProRox SB 971<sup>UK</sup> is manufactured from ProRox PS 971<sup>UK</sup>. Declared performances of ProRox PS 971<sup>UK</sup> are presented in the table above. When calculating the required insulation thickness for ProRox SB 971<sup>UK</sup> the larger amount of joints needs to be taken into account.

### Compliance to standards

ProRox SB 971<sup>UK</sup> 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". They also comply with BP Engineering Standard 172 with regards to water repellency at higher temperatures.