

ProRox® SL 970

ProRox SL 970 is a rigid stonewool insulation slab for high-temperature applications.



Application

ProRox SL 970 is particularly suitable as thermal and acoustic insulation for structures exposed to high temperatures and light mechanical loads. Typical examples include ovens, furnaces, and flue gas ducts.

Product properties



	Performance													Norms
	T (°C)	50	100	150	200	250	300	350	400	500	600	680		
Thermal conductivity	λ (W/mK)	0,041	0,046	0,052	0,059	0,068	0,077	0,087	0,099	0,128	0,162	0,196		EN 12667
Maximum Service Temperature		680°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		115 kg/m ³											EN 1602	
AS-quality		Trace quantity of water leachable chloride ions: ≤ 10 ppm											EN 13468	
Water absorption		< 1 kg/m ²											EN 1609	
Water vapour diffusion resistance		$\mu = 1$ $S_d > 200$ m (if coated with aluminum foil)											EN 14303 EN 12086	
Designation code		MW EN 14303-T4(T3 if $t < 60$)-ST(+)-680-WS1-CL10 MW EN 14303-T4(T3 if $t < 60$)-ST(+)-680-WS1-MV2-CL10 (for aluminum foil on the outside)											EN 14303	

Compliance

- ProRox SL 970 slabs fully comply with the requirements as set by internationally recognized standards like EN 14303, CINI 2.2.01 and ASTM C612.
- ROCKWOOL stone wool insulation is made from volcanic rock and is not classified as a hazardous substance in accordance with Note Q, regulation (EC) No. 1272/2008.

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