

ProRox® SL 970

ProRox SL 970 is a strong and rigid stone wool slab suitable for the thermal and acoustic insulation of constructions where higher temperatures and light mechanical loads (e.g. vibrations occur). Typical examples are ovens, furnaces and exhaust ducts.



Product properties

Properties	Performance													Norms
Thermal conductivity	T (°C)	50	100	150	200	250	300	350	400	500	600	680	EN 12667	
	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	ASTM C177	
Maximum Service Temperature	680°C (1256°F)												EN 14706	
	750°C (1382°F)												ASTM C411	
Reaction to fire	Euroclass A1												EN 13501-1	
	Surface burning characteristics; Flame spread=passed, Smoke development=Passed												ASTM E84 (UL 723)	
Nominal density	115 kg/m ³ (7,2 lb/ft ³)												EN 1602	
Corrosion resistance	Conforms to the stainless steel corrosion specification as per ASTM test methods C 692 and C 871												ASTM C795	
	Trace quantity of water leachable chloride ions: \leq 10 ppm												EN 13468	
Water Absorption	$<$ 1 kg/m ²												EN 1609	
	Water vapour absorption (Vapor sorption) \pm 0,02%vol												ASTM C1104/C1104M	
Water vapour diffusion resistance	$\mu = 1$												EN 14303	
Designation code	MW EN 14303-T4(T3 if t<60)-ST(+)-680-WS1-CL10												EN 14303	

Compliance

ProRox SL 970 Slabs fully comply with the requirements as set by internationally recognized standards like EN14303, CINI 2.2.01 and ASTM C612 Type IA, IB, II, III, IVA and IVB.

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