

ProRox® SL 960

ProRox SL 960 is a strong and rigid slab and is especially suitable for the thermal and acoustic insulation of constructions up to intermediate temperatures.



Product properties

Properties	Performance												Norms
Thermal conductivity	T_m (°C)	50	100	150	200	250	300	350	400	500	600	660	EN 12667
	λ (W/mK)	0,039	0,045	0,052	0,060	0,071	0,081	0,094	0,107	0,140	0,175	0,200	ASTM C177
Maximum Service Temperature	660°C (1220°F)												EN 14706
	600°C (1112°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	100 kg/m ³ (6,2 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: ≤ 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(+) μ 660-WS1-CL10												EN 14303

Compliance

ProRox SL 960 Slabs fully comply with the requirements as set by internationally recognized standards like EN14303, CINI 2.2.01 and ASTM C612 Type IA and IB.

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