ProRox® SL 940

ProRox SL 940 is a rigid stone wool slab suitable for the thermal and acoustic insulation of horizontal and vertical applications.

Product properties

Properties	Performance									Norms
Thermal conductivity	T_m (°C)	50	100	150	200	250	300	350	400	EN 12667
	λ (W/mK)	0,041	0,047	0,055	0,065	0,078	0,093	0,108	0,126	ASTM C177
Maximum Service Temperature	400°C (752°F) 500°C (932°F)									EN 14706 ASTM C411
Reaction to fire	Euroclass A1 Surface burning characteristics; Flame spread=passed, Smoke development=Passed									EN 13501-1 ASTM E84 (UL 723)
Nominal density	70 kg/m³ (4,4 lb/ft³)									EN 1602
Water leachable chloride content	Conforms to the stainless steel corrosion specification as per ASTM test methods C 692 and C 871									ASTM C795
Water Absorption	< 1 kg/m² Water vapour absorption (Vapor sorption) ± 0,02%vol									EN 1609 ASTM C1104/C1104M
Water vapour diffusion resistance	μ = 1 S_d > 200 m (for Alu-foil faced product)									EN 14303
Air Flow Resistivity	> 30 kPa.s/m²									EN 29053
Designation code	MW EN 14303-T4(T3 if t<60)-ST(+)400-WS1 MW EN 14303-T4(T3 if t<60)-ST(+)400-WS1-MV2 (for Alu-foil faced product)									EN 14303

Compliance

ProRox SL 940 Slabs fully comply with the requirements as set by internationally recognized standards like EN14303, CINI 2.2.01 and ASTM C612 Type IA.

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