ProRox® SL 950

ProRox SL 950 is a strong and rigid stone wool slab and is especially developed for the thermal and acoustic insulation of high temperature columns and vessels.

CE

Product properties

Properties	Performance											Norms
Thermal conductivity	T_m (°C)	50	100	150	200	250	300	350	400	500	600	640	EN 12667 ASTM C177
	λ (W/mK)	0,039	0,045	0,053	0,062	0,073	0,084	0,097	0,112	0,144	0,185	0,203	
Maximum Service Temperature	640°C (1184°F) 750°C (1382°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	80 kg/m³ (5,0 lb/ft³)												EN 1602
Corrosion resistance	Conforms to the stainless steel corrosion specification as per ASTM test methods C 692 and C 871 Trace quantity of water leachable chloride ions: ≤ 10 ppm												ASTM C795 EN 13468
Water Absorption	< 1 kg/m² Water vapour absorption (Vapor sorption) ± 0,02%vol												EN 1609 ASTM C1104/C1104M
Water vapour diffusion resistance	μ = 1												EN 14303
Designation code	MW EN 14303-T4(T3 if t<60)-ST(+)640-WS1-CL10												EN 14303

Compliance

ProRox SL 950 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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