ProRox® SL 587

with WR-Tech



ProRox SL 587 is a pressure resistant dual density stone wool insulation slab (board). The dense top layer provides a solid face for foot traffic. The boards are produced with an innovative water repellent binder called WR-Tech to mitigate the risk of corrosion under insulation.

Application

The slab (board) is suitable for the thermal insulation of high-temperature industrial applications exposed to foot traffic, such as tank roofs.

Product properties in accordance with EN 14303

CE

Properties	Performance							Norms
Thermal conductivity	T (°C)	50	100	150	200	250	300	EN 12667
	λ (W/mK)	0,046	0,051	0,057	0,063	0,071	0,078	
Maximum service temperature	300°C							EN 14706
Reaction to fire	EuroClass A1							EN 13501-1
Nominal density	Top layer 220 kg/m³ Bottom layer 110 kg/m³							EN 1602
Corrosion resistance	Trace quantity of water leachable chloride ions: ≤ 10 mg/kg							EN 13468
Water absorption	≤ 0,2 kg/m² ≤ 0,2 kg/m² after 24hrs. pre-heating at 250°C							EN 1609 EN ISO 29767
Water vapour diffusion resistance	μ = 1							EN 14303
Compressive stress at 10% deformation	50 kPa 70 kPa top layer only							EN 826
Point load at 5 mm deformation	650 N							EN 12430
Designation code	MW EN 14303-T4-ST(+)300-CS(10)50-WS1-CL10							EN 14303

Compliance

- ProRox SL 587 slabs fully comply with the requirements as set by internationally recognised standards like EN 14303, CINI 2.2.01.
- 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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