

ProRox® SL 550

ProRox SL 550 is a strong, rigid stone wool insulation slab (board). This slab is produced with an innovative water-repellent binder, known as WR-Tech™, to mitigate the risk of corrosion under insulation (CUI). WR-Tech ensures our stone wool maintains its superior water repellency even at elevated operating temperatures within the CUI range, while preserving its excellent thermal performance in use.



Application

The slab (board) is suitable for the thermal and acoustic insulation of industrial applications subjected to mechanical loads, such as tank roofs.

Product properties in accordance with EN 14303



	Performance							Norms
Thermal conductivity	T(°C)	10	50	100	150	200	300	EN 12667
	(W/mK)	0,038	0,043	0,049	0,056	0,063	0,084	
Maximum Service Temperature	300 °C							EN 14706
Reaction to fire	Euroclass A1							EN 13501-1
Nominal density	100 kg/m ³							EN 1602
Corrosion resistance	Trace quantity of water leachable chloride ions: ≤ 10 mg/kg							EN 13468
Water absorption	≤ 0,2 kg/m ²							EN 1609
	≤ 0,2 kg/m ² (After 24 hrs. pre-heating at 250°C)							EN ISO 29767
Compressive stress at 10% deformation	30 kPa							EN 826
Tensile strength perpendicular to faces	7,5 kPa							EN 1607
Designation Code	MW EN 14303-T4(T3 if t<60)-ST(+)300-CS(10)30-WS1-CL10							EN 14303

Compliance

ProRox SL 550 Slabs fully comply with the requirements as set by internationally recognized standards like EN14303, CINI 2.2.01, ASTM C612.

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