

ProRox® SL 540

ProRox SL 540 is a highly pressure resistant stone wool slab for the thermal and acoustic insulation of constructions where high temperatures and mechanical loads (e.g. vibrations) occur.



Product properties

Properties	Performance												Standard
	T _m (°C)	50	100	150	200	250	300	350	400	500	600	700	
Thermal Conductivity	λ (W/mK)	0.042	0.047	0.052	0.057	0.064	0.072	0.082	0.093	0.117	0.147	0.181	EN 12667
Nominal Density	160 kg/m ³ (10.0 lb/ft ³)												EN 1602
Maximum Service Temperature	700°C (1292°F)												EN 14706
Reaction to Fire	EuroClass A1												EN 13501-1
Water Leachable Chloride Content	Chloride content < 10 ppm (AS - Quality)												EN 13468
Water Absorption	< 1 kg/m ²												EN 1609
Water vapour diffusion resistance	μ = 1												EN 14303
Compression resistance	> 25 kPa (at 10% deformation)												EN 826
Airflow Resistivity	> 120 kPa.s/m ²												EN 29053

Note: All information and data for technical parameters are based on laboratory testing.

Compliance

- ProRox SL 540 slabs fully comply with the requirements as set by internationally recognized standards like EN14303, CINI 2.2.01

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ROXUL ROCKWOOL Technical Insulation India Pvt Ltd
 Wing B-2, 2nd Floor, Unit No. 206,
 Boomerang, Near Chandivali Film
 Studio, Chandivali Farm Road,
 Andheri (E), Mumbai – 400 072,
 Maharashtra, India
 T (+91) 022 6715 7700
 F (+91) 022 6715 7710

ROXUL-ROCKWOOL Insulation India Pvt Ltd
 Plot - Z/4, Dahej SEZ, Dahej,
 District Bharuch – 392 130,
 Gujarat, India
 T (+91) 2641 264400
 F (+91) 2641 256292

Toll Free 18002669861