

# 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 in accordance with ASTM C612

Properties <sup>1</sup>	Performance							Norms
Thermal conductivity <sup>2</sup> at mean temperature	T <sub>m</sub> (°C)	50	100	150	200	250	300	ASTM C177
	λ (W/mK)	0.038	0.045	0.052	0.062	0.070	0.079	
Nominal density	160 kg/m <sup>3</sup>							ASTM C303
Maximum use temperature	650°C							ASTM C411 / C447
Linear shrinkage	Less than 2% (at max service temperature)							ASTM C356
Reaction to fire	EuroClass A1 Surface burning characteristic; Flame spread = Passed, Smoke development = Passed							EN 13501-1 ASTM E84
Chloride content	Less than 10 ppm Conforms to the stainless steel corrosion specification as per ASTM C795							ASTM C871 ASTM C692 / C871
Moisture absorption	Less than 1% weight							ASTM C1104 / C1104M
Water absorption	Less than 1 kg/m <sup>2</sup>							EN 1609
Compressive strength	Up to 25kPa (At 10% deformation)							EN 826

1. All information and data for technical parameters in this data sheet are based on laboratory testing

2. Nominal values.

## Compliance

- ProRox SL 540 slabs comply with the requirements as set by internationally recognized standards like CINI 2.2.01 and ASTM C612 Type IA, IB, II, III and IVA
- Above product properties reflect only to ASTM standards. Compliance and Performance according to Indian Standards (IS) can be found on our website. Please contact our sales representatives for an extended list of approvals & certifications.

As ROCKWOOL has no control over insulation design and workmanship, accessory materials or applications conditions, ROCKWOOL does not warranty the performance or result of any installation containing ROCKWOOL products. ROCKWOOL's overall liability and the remedies available are limited by the general terms and conditions of sale. This warranty in lieu of all other warranties and conditions expressed or implied, including the warranties of merchantability and fitness for a particular purpose. ROCKWOOL Technical Insulation reserves the right to make necessary product changes at any time. Technical specifications are thus stated subject to change.



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PRODUCT DATA SHEET  
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PROROX INDUSTRIAL INSULATION