

# 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 IS 8183

Properties <sup>1</sup>	Performance							Standard
Thermal conductivity <sup>2</sup> at mean temperature	T <sub>m</sub> (°C)	50	100	150	200	250	300	IS 3346
	λ (W/mK)	0.039	0.045	0.053	0.063	0.073	0.083	
Nominal density	160 kg/m <sup>3</sup>							IS 3144
Max service temperature	650°C							ASTM C411 / C447
Heat resistance	No visible deterioration of fibrous structure. No evidence of self heating. No fusion of fibres at 750°C							IS 3144
Incombustibility	< 5 wt%							IS 3144
Reaction to fire	EuroClass A1 Surface burning characteristic; Flame spread = Passed, Smoke development = Passed							EN 13501-1 ASTM E84
pH	7-10							IS 3144
Sulphur content	< 0.3 vol%							IS 3144
Chloride content	Less than 10 ppm Conforms to the stainless steel corrosion specification as per ASTM C795							IS 3144 ASTM C692 / C871
Moisture absorption	Less than 1 wt%							IS 3144
Shot content	>250µm < 8 wt% >500µm < 3 wt%							IS 3144

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 fully comply with the requirements as set by IS 8183 and other internationally recognized standards.
- Above product properties reflect only to IS standards. Compliance and Performance according to ASTM 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  
200 337IN-12/18\_V3 (EN)  
PROROX INDUSTRIAL INSULATION