

## ProRox SL 540<sup>SA</sup>

Old Equivalent Grade: RockTech S650.160.HC



### Applications

ProRox SL 540<sup>SA</sup> 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.

### Compliance

ProRox SL 540<sup>SA</sup> Slabs comply with the requirements as set by EN14303, CINI 2.2.01 and ASTM C612: type IA, IB, II, III, IVA...

### Advantages

- Excellent thermal and acoustic insulation
- Resistant to high temperatures
- Resistant to mechanical loads

### Product properties

	Performance							Standard
	Mean Temp (°C)	50	100	150	200	250	300	
Thermal Conductivity								ASTM C177
	$\lambda$ (W/mK)	0.038	0.045	0.052	0.062	0.070	0.079	
Nominal Density		160 kg/m <sup>3</sup>						EN 1602
Maximum Service Temperature		650°C						ASTM C411/C447
Linear Shrinkage		Less than 2% (at max service temperature)						ASTM C356
Reaction to Fire		EuroClass A1 Surface burning characteristics; Flame spread=passed, Smoke development=passed						EN 13501-1 ASTM E84
pH		pH 7-12.5						ASTM C871
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