

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

Old Equivalent Grade: RockTech S650.160.HC

**Compression resistant slab****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 internationally recognized standards like EN14303, CINI 2.2.01 and ASTM C612 Type IA, IB, II, III and IVA.

**Advantages**

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

**Product properties**

	Performance							Standard
<b>Thermal Conductivity</b>	Mean Temp (°C)	50	100	150	200	250	300	ASTM C177
	λ (W/mK)	0.038	0.045	0.052	0.062	0.070	0.079	
<b>Nominal Density</b>	160 kg/m <sup>3</sup>							ASTM C303
<b>Maximum Service Temperature</b>	650°C							ASTM C411/C447
<b>Linear Shrinkage</b>	Less than 2% (at max service temperature)							ASTM C356
<b>Reaction to Fire</b>	EuroClass A1 Surface burning characteristics; Flame spread = passed, Smoke development = passed							EN 13501-1 ASTM E84
<b>Chloride Content</b>	Less than 10 ppm Conforms to the stainless steel corrosion specification as per ASTM C795							ASTM C871 ASTM C692/C871
<b>Moisture Absorption</b>	Less than 1% weight							ASTM C1104/C1104M
<b>Water Absorption</b>	Less than 1 kg/m <sup>2</sup>							EN 1609

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