

**ProRox SL 978<sup>SA</sup>**  
 Old Equivalent Grade: RockTech S850

**High temperature slab**



**Applications**

ProRox SL 978<sup>SA</sup> is a strong and rigid stonewool slab, for the thermal and acoustic insulation of constructions where higher demands are made on the temperature resistance and mechanical loads of the insulation.

**Compliance**

ProRox SL 978<sup>SA</sup> Slabs comply with the requirements as set by internationally recognized standards like CINI 2.2.01 and ASTM C612 Type IA, II, III and IVA.

**Advantages**

- Suitable for heavy duty application which are exposed to high temperatures and high mechanical loads
- Retains shape
- Available in a wide range of thicknesses

**Product properties**

	Performance							Standard
	Mean Temp (°C)	50	100	150	200	250	300	
<b>Thermal Conductivity</b>	λ (W/mK)	0.038	0.045	0.053	0.061	0.072	0.083	ASTM C177
<b>Nominal Density</b>	110 kg/m <sup>3</sup>							ASTM C303
<b>Maximum Service Temperature</b>	850°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.