

ProRox SL 978^{SA}

Old Equivalent Grade: RockTech S850

High temperature slab**Applications**

ProRox SL 978^{SA} 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^{SA} 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
Thermal Conductivity	Mean Temp (°C)	50	100	150	200	250	300	ASTM C177
	λ (W/mK)	0.038	0.045	0.053	0.061	0.072	0.083	
Nominal Density	110 kg/m ³							ASTM C303
Maximum Service Temperature	850°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
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 ²							EN 1609

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