

ProRox® SL 978^{SA}

Old Equivalent Grade: RockTech S850

Product description

ProRox SL 978^{SA} is a strong and rigid stone wool slab (Hi-TempMelt), for the thermal and acoustic insulation of constructions where higher temperatures up to 850°C and light mechanical loads (e.g. vibrations) occur. Typical examples are ovens, furnaces and exhaust ducts.

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, IVA.

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							EN 1602
Max 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 characteristic;							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 ²							EN 1609

Disclaimer: The information contained in this data sheet is believed to be correct at the date of publication. ROCKWOOL does not accept responsibility for the consequences of using ProRox in applications different from those described above.