

ProRox® SL 950^{SA}

ProRox SL 950^{SA} is a strong, rigid slab, specially developed for the thermal and acoustic insulation of boilers, columns and vessels up to intermediate temperatures.



Product properties

Properties	Performance							Standard
	T _m (°C)	50	100	150	200	250	300	
Thermal Conductivity	T _m (°C)							ASTM C177
	λ (W/mK)	0.038	0.046	0.053	0.062	0.072	0.081	
Nominal Density	80 kg/m ³							ASTM C303
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
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.

Compliance

ProRox SL 950^{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.

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