

ProRox SL 960^{SA}
Old Equivalent Grade: RockTech S650

Rigid slab



Applications

ProRox SL 960^{SA} is a strong and rigid slab and is especially suitable for the thermal and acoustic insulation of constructions up to intermediate temperatures.

Compliance

ProRox SL 960^{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 and IVB.

Advantages

- Excellent thermal and acoustic insulation
- Resistant to high temperatures

Product properties

	Performance							Standard
	Mean Temp (°C)	50	100	150	200	250	300	
Thermal Conductivity	λ (W/mK)	0.038	0.044	0.050	0.057	0.065	0.075	ASTM C177
Nominal Density	100 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.