

ProRox SL 560
 Old Equivalent Grade: ROCKWOOL 251

Compression resistant slab



Applications

ProRox SL 560 is a highly pressure resistant stone wool slab for the thermal and acoustic insulation of constructions where high temperatures and mechanical loads (e.g. vibrations) occur.

Compliance

ProRox SL 560 Slabs comply with the requirements as set by internationally recognized standards like EN14303, CINI 2.2.01 and ASTM C612 Type IA, IB, II, III and IVA.

Advantages

- Excellent thermal and acoustic insulation
- Resistant to high temperatures
- Resistant to mechanical loads

Product properties

	Performance							Standard
	Mean Temp (°C)	50	100	150	200	250	300	
Thermal Conductivity	λ (W/mK)	0.037	0.042	0.048	0.055	0.063	0.074	ASTM C177
Nominal Density	175 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 characteristic; 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
Compressive Strength	Up to 30kPa (At 10% deformation)							EN 826

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