ProRox[®] SL 970

Product description

ProRox[®] SL 970 is a strong and rigid stone wool slab, for the thermal and acoustic insulation of constructions where higher temperatures and light mechanical loads (e.g. vibrations) occur. Typical examples are ovens, furnaces and exhaust ducts.

Compliance

ProRox® SL 970 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

Product properties¹

	Performance							Standard
Thermal conductivity ²	Mean Temp (°C) λ(W/mK)	50 0.038	100 0.043	150 0.049	200 0.056	250 0.064	300 0.074	ASTM C177
Nominal density	115 kg/m³							ASTM C303
Max 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

1 All information and data for technical parameters in this data sheet are based on laboratory testing

2 Nominal values.

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.





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