

ProRox SL 930^{SA}



Applications

ProRox SL 930^{SA} is a semi rigid stone wool slab. A one-sided facing with fibreglass reinforced aluminium foil (Alu) or glass tissue is available upon request.

Compliance

ProRox SL 930^{SA} Slabs comply with the requirements as set by internationally recognized standards like CINI 2.2.01 and ASTM C612 Type IA and IB and II.

Load bearing mat

Advantages

- Available in a wide range of thicknesses
- Semi-rigid product combined with aluminium foil or fibreglass coating provides a smart, smooth surface finish

Product properties

	Performance						Standard
	Mean Temp [°C]	50	100	150	200	250	
Thermal Conductivity	λ (W/mK)	0.039	0.047	0.054	0.064	0.075	ASTM C177
Nominal Density		60 kg/m ³					EN 1602
Maximum Service Temperature		450°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
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

Installation guidelines

- Mechanically fix ProRox SL 930^{SA} using self-adhesive or welded pins. Due to the rigidity of the product, it can also be mounted in cassettes.
- In the case of aluminium foil facing, finish lengthwise and crosswise joints with a self-adhesive aluminium tape (≥75 mm). When

insulating objects colder than the ambient temperature, where there is a risk of condensation, the insulation should be provided with a vapour barrier. The insulation should be finished with a metal (e.g. aluminium), watertight covering.