

ProRox® LF 970



ProRox LF 970 is a lightly bonded impregnated stone wool mat. This product is especially suitable for thermal insulation of joints and irregularly formed constructions.

Product properties

Properties	Performance							Standard
Thermal Conductivity	T _m (°C)	50	100	150	200	250	300	EN 12667
	λ (W/mK)	0.040	0.049	0.057	0.067	0.075	0.091	
Maximum Service Temperature	680°C (1256°F)							EN 14706 ASTM C411
Reaction to Fire	Euroclass A1 Surface burning characteristics; Flame spread=passed, Smoke development=Passed							EN 13501-1 ASTM E84 (UL 723)
Water Absorption	< 1 kg/m ² Water vapour absorption (Vapor sorption) ± 0,02%vol							EN 1609 ASTM C1104/C1104M
Water Leachable Chloride Content (AS Quality)	Chloride content < 10 ppm Conforms to the stainless steel corrosion specification as per ASTM test methods C692 and C871 < 10 mg/kg (ph-value neutral to slightly alkaline)							EN 13468 ASTM C795 ASTM C871
Water Vapour Diffusion Resistance	μ = 1							EN 12086

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

Compliance

ProRox LF 970 complies with the requirement as set by CINI 2.2.04.

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