

# 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							Norms
Thermal conductivity (Stuffing Density 100kg/m <sup>3</sup> )	T <sub>m</sub> (°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
Reaction to fire	Euroclass A1							EN 13501-1
	Surface burning characteristics; Flame spread=passed, Smoke development=Passed							ASTM E84 (UL 723)
Water Absorption	< 1 kg/m <sup>2</sup>							EN 1609
	Water vapour absorption (Vapor sorption) ± 0,02%vol							ASTM C1104/C1104M
Corrosion resistance	Trace quantity of water leachable chloride ions: ≤ 10 mg/kg							EN 13468
	Conforms to the stainless steel corrosion specification as per ASTM test methods C 692 and C 871 < 10 mg/kg (ph-value neutral to slightly alkaline)							ASTM C795 ASTM C871
Water vapour diffusion resistance	μ = 1							EN 12086

## Compliance

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

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