

# 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	$T_m$ (°C)	50	100	150	200	250	300	EN 12667
	$\lambda$ (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) $\pm$ 0,02%vol							ASTM C1104/C1104M
Corrosion resistance	Conforms to the stainless steel corrosion specification as per ASTM test methods C 692 and C 871							ASTM C795
	Trace quantity of water leachable chloride ions: $\leq$ 10 ppm							EN 13468
Water vapour diffusion resistance	$\mu = 1$							EN 12086

## Compliance

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

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