

PAROC FireSeal

PAROC® FireSeal is a fire resistant sealant designed for use in fire rated HVAC ventilation and smoke extraction duct systems. The fire sealant is intended for sealing joints between partition walls and fire rated ducts, and it can also be used for sealing, repairing, and filling cracks, holes, and gaps in ventilation and smoke extraction ducts where a fire resistant sealing is required.

PAROC® FireSeal is intended for use as a component in PAROC fire rated duct systems (e.g., PAROC® Vect insulation systems), where the fire performance is demonstrated and declared for the complete system when installed according to the relevant PAROC design and installation guidance.

The fire sealant provides excellent adhesion to metal, brick, and cement surfaces, supporting reliable bonding in typical duct and penetration sealing applications.



Product datasheet

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Dimensions	Cartridge capacity (ml)	Cartridges / box	Boxes / pallet
	280	15	84

Product properties	Property	Value
	Density	2.0...2.1 g/ml
	Hardening time	24 hours
	Treatment time	5 minutes
	Application and storage temperature	+5 °C to +35 °C
	Depth curing rate	2 mm / 24 h
	Coverage	17 linear meters for a 4 mm x 4 mm joint from a 280 ml cartridge
	Temperature range	-40 °C to +1200 °C

Appearance	Property	Description
	Colour	Black

Handling	Item	Description
	Surface preparation	Joint sides must be dry, clean and free from oil, grease and loose particles. Metal surfaces should be cleaned from residual oil, grease or paint, rust and oxides abraded.
	Priming	Highly absorbing surfaces: apply a mist of water just prior to the application of the product.
	Application	Apply the product by using a sealant gun. Extrude the product on the surfaces and smoothen the surface of the joint with a wet spatula or humid sponge.
	Limitations	Sealant is not recommended for: <ul style="list-style-type: none"> - Central heating systems - Metal joints with considerable heat movements - Outdoor applications - Water resistant bonding - Constant water immersion
	Handling and cleaning instructions	Cured sealant is removed mechanically. On skin, uncured sealant is wiped off with a rag, then wash with soap and water. Keep out of reach of children. Do not empty into drains.
	Storage	In originally sealed packaging, inside a warehouse, in dry and cool rooms, for a period of 18 months from the date of production, at temperatures from +5 °C to +35 °C.

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