

FIRE RESISTANCE THAT STANDS THE TEST OF TIME PROTECTING PRECIOUS LIFE BELOW



PAROC® VECT MAT BLACKCOAT EI60

PAROC® Vect Mat BlackCoat EI60 is designed as 3-in-1 system solution, combining passive fire protection, thermal insulation and condensation risk reduction.

It achieves this by being equipped with a BlackCoat facing, a water vapour-resistant barrier, which together with correctly taped joints reduces condensation risk and vapour permeability.

The mat is faster to install, and with its discreet matte black finish, it's perfect for visible installations and spaces such as vented attics. The product is the perfect choice for circular ducts dimensions larger than 250 mm.

Solution Highlights:

- 3-in-1 system solution
- The only certified solution for fire and condensation protection of circular ducts, tested according to EN 1366-1
- Up to 15% faster installation of the mat compared to double layer layer solution* for combined fire insulation and condensation control
- Complete coverage & discreet appearance

Certifications:



PAROC® VECT MAT BLACKCOAT EI60 System Parts



- 1 PAROC® Vect Mat BlackCoat EI60
- 2 PAROC® Galvanized Black Wire
- 3 PAROC® FireSeal
- 4 PAROC® BlackCoat Tape
- 5 Penetration Seal Gap Filler

* In internal simulation tests, the installation of PAROC® Vect Mat BlackCoat EI60 was up to 15% faster to install compared to the commonly adopted double-layer solution with wired mat and lamella mat.

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Technical Properties:

- Euroclass A2-s1, d0 rating confirms that the insulation is non-combustible, produces minimal smoke and does not contribute to fire spread, according to EN 13501-1
- EI 60 rating demonstrates that the product is tested as a part of system for fire insulated ventilation ducts for a resistance to fire for up to 60 minutes, tested according to EN 1366-1



Pallet Packaging:

- 9 rolls (1000 mm roll height, rolls in one layer)

Dimensions:

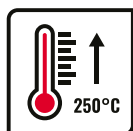
Width X Length	Thickness	Density
1000 x 3000 mm	100 mm	60 kg/m ³

Thermal Properties:

Value	Property	According To
0,034 W/mK	Thermal Conductivity in 10 °C, λ_{10}	EN 14303:2009+A1:2013 (EN 12667)

Moisture Properties:

Value	Property	According To
≤ 1 kg/m ²	Water Absorption, Short Term WS, (W_p)	EN 14303:2009+A1:2013 (EN 1609)
MV2	Water Vapour Diffusion Resistance	EN 14303:2009+A1:2013 (EN 12086)
< 10 ppm	Chloride Ions, Cl ⁻	EN 14303:2009+A1:2013 (EN 13468)



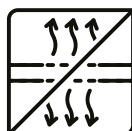
**MAXIMUM
SERVICE
TEMPERATURE**



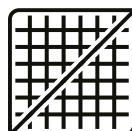
**FIRE
RESISTANCE**



**PREVENT
CONDENSATION**



**PREVENT
THERMAL
LOSS**



**NO
PERFORATION
COATING**



System components are specified in detail in PAROC® technical data sheets.

Scan the QR to read more.