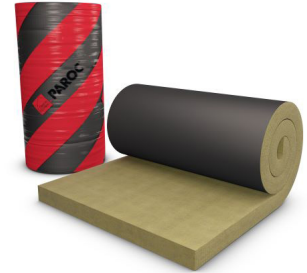


# PAROC Vect Mat BlackCoat EI30

PAROC Vect Mat BlackCoat EI30 is a ventilation and air conditioning duct insulation mat made of non-combustible PAROC® stone wool and covered with black aluminum facing. The product is designed as a one-layer installation with a 3-in-1 system that combines passive fire protection, condensation risk reduction and thermal insulation for circular ductwork in HVAC systems. It is suitable for all indoor ventilation ducts with medium temperature up to 250°C.

PAROC Vect Mat BlackCoat EI30 is the instrumental part of a system designed to meet the stringent requirements of fire resistance class EI 30. With the reaction to fire classification Euroclass A2-s1,d0 (EN 13501-1), the product does not burn nor contribute to fire spread. The 3-in-1 system requires fewer installation steps compared to the commonly used 2-layer solution, making it faster to install and improving site logistics efficiency.

The product is equipped with a BlackCoat facing, a water vapour-resistant barrier, which together with correctly taped joints reduces condensation risk and vapour permeability. The matte black finish minimises light reflection, offering complete coverage and a discreet appearance for visible installations. The product is M1 certified.



## Product Data Sheet

2026-04-07

Dimensions (mm)	Width x Length	Thickness
	1000 x 4000	60

<b>Nominal Density</b>	60 kg/m <sup>3</sup>
<b>Package Type</b>	Plastic packs on pallet

<b>Product characteristics according to EN 14303</b>	Designation Code		MW-EN 14303-T2-ST(+)-250-WS1-MV2-CL10
	DoP Number		40836
	Thickness Tolerance, T		T2
	Reaction to Fire, Euroclass		A2-s1,d0
	Maximum Service Temperature - Dimensional Stability		250 °C
	Water Absorption, Short Term, W <sub>p</sub>		≤ 1 kg/m <sup>2</sup>
	Water Vapour Diffusion Resistance		MV2
	Trace Quantity of Water-soluble Chloride Ions		≤ 10 ppm
	Thermal Conductivity, λ <sub>D</sub>		See table below

°C	0	10	50	100	150	200	250
λ <sub>D</sub> W/(m*K)	0.034	0.035	0.040	0.047	0.056	0.067	0.080

<b>Fire Properties</b>	Fire Resistance Class, EI	EI 30
	Surface temperature of the facing must not exceed 80 °C (temperature restriction determined in accordance with heat resistance adhesive).	
	PAROC Stonewool products are capable of withstanding high temperatures. The binder starts to evaporate when its temperature exceeds approximately 200°C while the fire protecting properties remain unchanged. Stone wool has a high melting point of over 1000°C (internal test method).	

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**Environmental Properties**

The European Certification Board for Mineral Wool products (EUCEB) trademark on our products confirms that PAROC Stonewool fibre fulfils the bio solubility requirements of EU directive No. 1272/2008. The German RAL quality mark confirms that the bio solubility and safety requirements are met according to the German technical regulation TRGS905.

PAROC Stonewool is made of stone. The volume of the product is ~98% air and only ~2% fiberized stone. The excellent properties of the product are based on the properties of the raw materials. PAROC Stonewool maintains its insulating ability and dimensions throughout the reference service life of the the building, which is considered to be minimum 50 years.

PAROC Stonewool is reusable and can be recycled into new stone wool products.

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**Certificates and Approvals**

EC Certificate of Conformity

0809-CPR-1016

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**Storage and Installation**

PAROC products should be stored in packaging protected against external weather conditions.

Installation in accordance with the design assumptions or based on the manufacturer's instructions.

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