

PAROC Vect Slab BlackCoat EI60

PAROC Vect Slab BlackCoat EI60 is a ventilation and air conditioning duct insulation slab 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 rectangular ductwork in HVAC systems. It is suitable for all indoor ventilation ducts with medium temperature up to 250°C.

PAROC Vect Slab BlackCoat EI60 is the instrumental part of a system designed to meet the stringent requirements of fire resistance class EI 60. With the reaction to fire classification Euroclass A2-s1,d0 (EN 13501-1), it is proven that the product does not burn nor contribute to fire spread.

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.



Product Data Sheet

2026-03-27

Dimensions (mm)	Width x Length	Thickness
	600 x 1200	70

Nominal Density	120 kg/m ³
Package Type	Plastic packs on pallet

Product characteristics according to EN 14303	Designation Code	MW-EN 14303-T5-ST(+250-WS1-MV2-CL10)
	DoP Number	40835
	Thickness Tolerance, T	T5
	Reaction to Fire, Euroclass	A2-s1,d0
	Maximum Service Temperature - Dimensional Stability	250 °C
	Water Absorption, Short Term, W _p	≤ 1 kg/m ²
	Water Vapour Diffusion Resistance	MV2
	Thermal Conductivity, λ _D	See table below

°C	0	10	50	100	150	200	250
λ _D W/(m*K)	0.034	0.035	0.039	0.045	0.052	0.060	0.070

Fire Properties	Fire Resistance Class, EI	EI 60
	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).	

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.

Certificates and Approvals

EC Certificate of Conformity

0809-CPR-1016

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.

Technical information contained herein is furnished without charge or obligation and is given and accepted at recipient's sole risk. Because conditions of use may vary and are beyond our control, Paroc makes no representation about, and is not responsible or liable for the accuracy or reliability of data associated with particular uses of any product described herein. Paroc reserves the right to modify this document without prior notice. PAROC is a registered trademark of Paroc Group Oy. This data sheet is valid in following countries: international use (general information).