

PAROC Pro Roof Wedge WR

PAROC Pro Roof Wedge WR is a dimensionally stable, non-combustible and pressure-resistant stone wool wedge insulation board without any facing. Suitable for structures in tank roof, container, boiler and industrial plant construction, also as a gradient support for the insulation of ducts outdoors in connection with the Paroc Clad insulation system.



Product Data Sheet

05.12.2025

Dimensions (mm)	Width x Length	Thickness
	1200 x 600	30/60

Package Type	Cardboard box
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Product characteristics according to EN 14303	Designation Code	MW-EN 14303-T5-CS(10)20-ST(+)-300-WS1-CL10					
	DoP Number	40828					
	Thickness Tolerances, T	T5					
	Reaction to Fire, Euroclass	A1					
	Maximum Service Temperature - Dimensional Stability	300 °C					
	Water Absorption, Short Term W_p	≤ 1 kg/m ²					
	Compressive Stress at 10 % Deformation CS(10)	20 kPa					
	Trace Quantity of Water-soluble Chloride Ions	≤ 10 ppm					
Thermal Conductivity, λ_D	See table below						

°C	10	50	100	150	200	300
λ_D W/(m*K)	0.035	0.039	0.045	0.053	0.062	0.084

Fire Properties	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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Moisture Properties	PAROC WR-grade flat products are providing a very low water absorption (average water absorption level 0,1 kg/m ² after 300°C/24h prebake) according to EN 1609 / EN 29767, based on 3rd-party testing in 2019 and internal testing in 2023-2024.
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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.

Certificates and Approvals

EC Certificate of Conformity

0809-CPR-1016

PAROC WR products are safe to use in combination with painting operations: PAROC WR products are 3rd party tested, passing the requirements of the most stringent class of the LABS conformity (paint wetting impairment) standard, VDMA 24364.

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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