

# PAROC ROS 30g

PAROC ROS 30g Roof Slab (compressive strength 30 kPa; lambda 0.036 W/mK) is to be used as main thermal insulation slab in multiple layer build-ups in flat roofs with normal and moderate load demands.

PAROC ROS 30g's grinded ventilation channels is used in combination with ventilation hoods, to achieve thermal driven ventilation.

The slab covers large areas, are easy to handle and are quick to install.



## Product Data Sheet

10.12.2025

### Dimensions (mm)

#### Width x Length

undefined

#### Thickness

undefined

For regional dimension options, please contact your local sales representative.

### Product characteristics according to EN 13162

Designation Code	MW-EN13162-T5-DS(70,-)-CS(10)30-PL(5)250-WS-WL(P)-MU1
DoP Number	10162
Thickness Tolerances, T	T5
Reaction to Fire, Euroclass	A1
Thermal Conductivity, $\lambda_D$	0.036 W/mK
Water Absorption, Short Term $W_p$	$\leq 1 \text{ kg/m}^2$
Water Absorption, Long Term $W_{pL}$	$\leq 3 \text{ kg/m}^2$
Water vapour diffusion resistance factor MU	1
Thermal Resistance R	See table below
Dimensional Stability at Specified Temperature, DS(70,-)	$\leq 1 \%$
Compressive Stress at 10 % Deformation CS(10)	30 kPa
Point Load	250 N

### 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).

### Thermal Properties

Thermal Resistance  $R_D = d / \lambda_D$   
 $\lambda_D = 0.036 \text{ W/mK}$

### Moisture Properties

PAROC Stonewool stays dry even in high humidity (RH 98%). Diffusion-open stone wool does not absorb or store water and it allows structural moisture bound to other materials to dry through the insulation layer (VTT-S-05337-17). PAROC Stonewool insulation is made of inorganic stone, and it does not provide nutrients to mold.

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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-1015

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**Storage and Installation**

See PAROC Stonewool storage and handling guide on our website:

<https://www.paroc.com/en/documents/uploads/stone-wool-handling-and-storing-instruction>

Stone wool is easy to cut with a suitable wool knife. The boards with covering are cut from the covered side with a fine-edged knife. The insulation slabs are attached to the structure according to the designer's instructions. The most common fixing methods are the installation of insulation between the frame studs without fasteners and mechanical fixing to the substructure by screwing or gluing. Insulation slabs should always be installed tightly against frame studs, surrounding construction parts and other insulation boards. The seams of overlapping insulation layers should be overlapped.

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