

PRODUCT DATASHEET



PAROC InVent 80 G5/N1

Stone wool slab with black glass fibre cloth facing on one side and grey glass fibre felt on the other side.

Ventilation attenuation slab.

Surface temperature of the facings must not exceed +80°C (temperature restriction determined in accordance with heat resistance of adhesive).

PAROC stone wool products are capable of withstanding high temperatures. The binder starts to evaporate when its temperature exceeds approximately 200°C. The insulating properties remain unchanged, but the compressive stress weakens. The softening temperature of stone wool products is over 1000°C.

Certification Number

0809-CPR-1016 Eurofins Expert Services Ltd, Kivimiehentie 4, FI-02150 Espoo, Finland

Designation Code

MW-EN 14303-T5-WS1

Nominal Density

80 kg/m³

Package Type

Plastic packs on pallet

| DIMENSIONS | |
|--|---------------------|
| WIDTH X LENGTH | THICKNESS |
| 600 x 1200 mm | 50 - 100 mm |
| According to EN 822 | According to EN 823 |
| Other Dimensions: Other dimensions available on request. | |

| PROPERTY | VALUE | ACCORDING TO |
|---|-------|----------------------------------|
| DIMENSIONAL STABILITY | | |
| Maximum Service Temperature - Dimensional Stability | NPD | EN 14303:2009+A1:2013 (EN 14706) |

Properties

| PROPERTY | VALUE | ACCORDING TO |
|--|--|------------------------------------|
| FIRE PROPERTIES | | |
| Reaction to Fire, Euroclass | A1 | EN 14303:2009+A1:2013 (EN 13501-1) |
| Continuous Glowing Combustion | NPD | EN 14303:2009+A1:2013 |
| THERMAL PROPERTIES | | |
| Thermal Conductivity in 10 °C, λ_{10} | 0,035 W/mK | EN 14303:2009+A1:2013 (EN 12667) |
| Dimensions and Tolerances | T5 | EN 14303:2009+A1:2013 (EN 823) |
| MOISTURE PROPERTIES | | |
| Water Absorption, Short Term WS, (W_p) | $\leq 1 \text{ kg/m}^2$ | EN 14303:2009+A1:2013 (EN 1609) |
| Water Vapour Diffusion Resistance | NPD | EN 14303:2009+A1:2013 (EN 12086) |
| Chloride Ions, Cl ⁻ | NPD | EN 14303:2009+A1:2013 (EN 13468) |
| SOUND PROPERTIES | | |
| Sound Absorption | NPD | EN 14303:2009+A1:2013 (EN ISO 354) |
| MECHANICAL PROPERTIES | | |
| Compressive stress at 10 % deformation CS(10), σ_{10} | NPD | EN 14303:2009+A1:2013 (EN 826) |
| EMISSIONS | | |
| Release of Dangerous Substances | NPD | EN 14303:2009+A1:2013 |
| DURABILITY OF FIRE AND THERMAL PROPERTIES | | |
| Durability of Reaction to Fire Against Ageing/Degradation | No change in reaction to fire properties for mineral wool products. The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of the product is related to the organic content, which cannot increase with time. | |
| Durability of Reaction to Fire Against High Temperature | The fire performance of mineral wool does not deteriorate with high temperature. The Euroclass classification of the product is related to the organic content, which remains constant or decreases with high temperature. | |
| Durability of Thermal Resistance Against Ageing/Degradation | Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air. | |

Appearance

| | |
|-----------------|--|
| Facing Material | Glass fibre cloth (black) Glass fibre felt (grey) |
|-----------------|--|



Head Office: PAROC GROUP, P.O. Box 240 (Energiakuja 3), FI-00181 Helsinki, Finland, Tel. +358 46 876 8000, Fax +358 46 876 8002, www.paroc.com

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