

Regupol® Roofing and Pavement Tiles

Regupol® Roofing and Pavement Tiles serve as inspection paths on flat roofs and as protective basic elements for solar collectors, antennas and building engineering equipment.

Their flame-retardant properties make **Regupol® Roofing and Pavement Tiles** resistant to flying sparks and radiant heat. They meet the requirements of hard roofing.

Their dense, viscoplastic material properties protect the membrane. Compared to concrete tiles, their low weight greatly facilitates installation and is a static advantage. Moreover, the soft edges of the tiles minimise the risk of damaging the membrane. Thanks to a simple dowel system, installing the tiles is easy and they can be used instantly. **Regupol® Roofing and Pavement Tiles** are suitable for flat roofs both with and without load.

The available colours red, green and black mark the maintenance paths even with low visibility. On their undersides are crosswise drainage grooves, which makes it possible to position them in any direction towards the incline. **Regupol® Roofing and Pavement Tiles** can be laid directly on bitumen sheets. With some plastic membranes (PVC soft) an additional aluminium foil of fibres is required.

Regupol® Roofing and Pavement Tiles with general appraisal certificate

The general appraisal certificate confirms that **Regupol® Roofing and Pavement Tiles** are resistant to flying sparks and radiant heat according to DIN V ENV 1187.

The test was performed on both standard old roof varieties, FPO and bitumen membranes.

Areas of application

Maintenance paths on flat roofs with and without load, base panels for solar systems, antennas, building engineering equipment, etc.

Installation

On elastomer-bitumen membranes, plastic membranes, liquid membranes, integrated in green roofs, underneath solar modules



Flame-resistant:
 Classification $B_{\text{Roof}}(t1)$
 according to DIN EN 13501-5
 after DIN V ENV 1187 test

Regupol® Roofing and Pavement Tiles – Technical Details

Material

PUR-bound rubber fibres or rubber granulate dyed thoroughly, with fire protection finish. One-layer structure made of compacted, highly resistant material, underside with drainage grooves; edges with dowel holes, dummy joint on the top side at 500 mm.

Plates Measurements

1,000 x 500 x 30 mm

1,000 x 500 x 43 mm

Weight per unit

approx. 24 kg/m² with 30 mm

approx. 35 kg/m² with 43 mm

Tolerances

Length/Width +/- 1 %

Thickness +/- 2 mm

Colours



red brown



green



black

Colours shown may differ slightly from the originals due to the nature of the printing process.

Low-Temperature Stability

to -40 °C

Thermostability

to +120 °C

Thermal Conductivity

Calculation value $\lambda_z = 0.14$ W/mK

Migration of Plasticisers

Installation on membranes which are not rubber-compatible may cause migration of plasticisers. With some plastic membranes (PVC soft) an additional separating layer of fibres is therefore required.

The stated values are to be understood as guidelines. The depicted applications (photos) are examples only. Our information does not release users from the obligation of carrying out their own tests for possible uses.



Considered
hard roofing