Regupol® resist

Regupol® resist is the most versatile product to protect membranes and insulations. It is made of PUR-bonded rubber fibres and granules. **Regupol® resist** is classified as a protective layer in accordance with DIN 18195, part 10. In comparison to protective screed and concrete, **Regupol® resist** possesses clear technical, physical and financial advantages. It is easy to install and can be optimally bonded to any kind of sub-bases by means of hot bitumen, special adhesives and plastic adhesives.

Material
PUR-bonded rubber fibres and granules

Weight per unit
approx. 6 kg/m² at 8 mm thickness

Dimensions
Plates Measurements
2,300 x 1,150 x 6 mm
2,300 x 1,150 x 8 mm
2,300 x 1,150 x 10 mm
2,300 x 1,150 x 12 mm
2,300 x 1,150 x 15 mm
2,300 x 1,150 x 20 mm
Other sizes and thicknesses on request.

Tile Measurements
10,000 x 1,250 x 6 mm
8,000 x 1,250 x 8 mm
6,000 x 1,250 x 10 mm
Customized goods in different lengths, thicknesses and widths beginning from 50 mm are available on request.

Low-Temperature Stability
to -40 °C

Thermostability
to +120 °C
When installing under bituminous base course/hot bitumen, please keep the linear thermal expansion coefficient in mind (for further information please feel free to contact BSW).

Tensile Strength
under tensile load σ_R = 0.50 N/mm², in accordance with DIN EN ISO 1798

Elongation at Break
γ_R = 45 %, in accordance with DIN EN ISO 1798

Compression Stress
at 25 % deformation 0.55 N/mm², DIN EN ISO 3386/2

Thermal Conductivity
calculation value λ_z = 0.14 W/mK

Reaction to Fire Classification
E in line with EN 13501-1

Coefficient of Thermal Expansion
approx. 23.1 x 10^{-5} / °C

Resistance to water vapour diffusion factor μ
21.6
(Water vapour diffusionequivalent air layer thickness s_d: 0.21 m)

Migration of Plasticisers
Installation on membranes which are not rubber-compatible may cause migration of plasticisers. Please use **Regupol® resist solar AK** to avoid migration of plasticisers.

Protective layer
according to the norm DIN 18195, part 10

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.

BSW