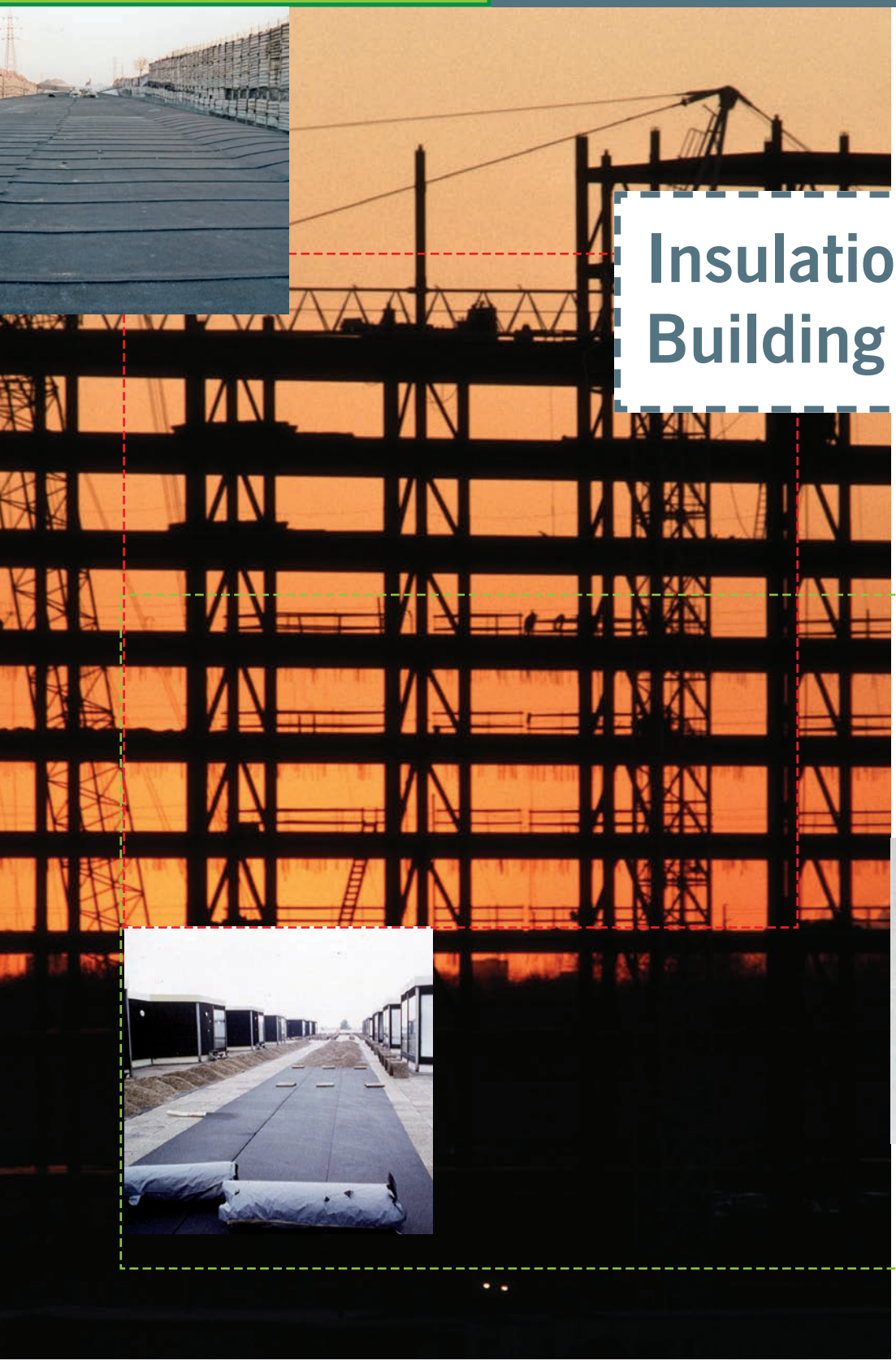
ErgoFloor®

Regupol®



Insulation and Building Protection

Roof membrane protection on flat roofs or under solar panel racks

BSW

ErgoFloor A/S, Viborgvej 9, 7160 Tørring, Tlf. 76 90 20 01, www.ergofloor.dk

Protection against Mechanical Damage

BSW is one of the market leaders with its range of insulation and building protection products. Alongside its top-selling product, **Regupol® resist**, BSW has developed other special products that fulfil, due to their particular properties, specific applications and requirements. Low cost and easy installation offer clear advantages compared to protective screed, protection concrete and facing brickwork. Structural defects, such as caused by damaged membranes and insulations, can be avoided, reliably and durably. **Regupol®** Insulation and Building Protection have been providing reliable service for decades. Furthermore, the **Regupol®** brand material possesses an excellent reputation among experts.

Made in Germany

- highest quality
- fair payment
- secure jobs
- high environmental standards

The Benefits

Elasticity
The material adapts to all unevenness in surfaces, thereby doing away with complicated cuts.

Corrosion Resistance
Regupol® Insulation and Building Protection does not become electrostatically charged, and chemical reactions between metals are prevented.

Resistance to Corrosive Agents
Regupol® is almost completely resistant to contaminated water and other influences in the soil and air.

Resistance to Chemicals
Regupol® is highly resistant to acids and alkalis.

Microbe Resistance
Resistant to termites, fungal attack, insects and microbes.

Vapour Diffusionable
Does not form a vapour barrier on the incorrect side.

Anti-Ageing
Regupol® Insulation and Building Protection does not rot, maintains permanent elasticity and all remaining properties for an almost unlimited period of time.

No Influence on Plant Growth
When installed underneath roof plantings, **Regupol®** Insulation and Building Protection does not influence on plant growth.

No Sintering Out
Regupol® does not sinter out, as for example, protective layers of concrete or screed.

BSW

Application Areas

Regupol® resist

Flat Roofs
under gravel, flower pots, slab paving, roof plantings, etc.

Terraces and Balconies
under concrete slabs, (wooden) tiles, etc.

Parking Decks
under concrete or bituminous surfacing

Inverted Roofs
under gravel, slab paving, raised floors, etc.

Building Construction and Civil Engineering
for concrete construction, bridge construction, covered parking decks, underground car parks, head race tunnels, tunnel constructions, avalanche galleries, bunkers, hangars, ammunition dumps

Pipeline Construction
for covering of dome-shaped cuts and pipelines made of concrete, metal or synthetic material

Modular Houses and Construction of Pre-assembled Units
for partition walls, soundproofing sandwich elements and doors (soundproofing)

Air Duct Construction
as soundproofing material for the outer lining of ducts made of steet metal, asbestos cement, synthetics, etc.

Membrane
for protection of bituminous waterproof sheeting, synthetic sheeting

Insulating Materials
to protect insulation materials such as polystyrene, polyurethane, glass and mineral fibres, etc.

Regupol® resist solar AK

On roof membranes on flat roofs under solar systems and other installations. No plasticiser migration also when used on PVC membranes.

Regupol® drain plus

Beneath roof plantings and terrace slabs

Regupol® resist FH

On the membranes of flat roofs underneath gravel filling, tile material, etc., underneath solar modules and as hard roofing.

Regupol® resist 9510

On roof membranes on high-load building membranes, flat roofs, under terrace floors, etc.

Regupol® hot plus

hot plus can be optimally bonded to membranes such as Wolfin, EPDM, PVC, slated bituminous waterproof sheeting (adhesiveness to be tested in advance).

Regupol® stabi plus

stabi plus is used for intermediate protection purposes. It can also be used as a separating layer on membranes. The excellent tensile strength allows also vertical installation, for example in civil engineering.

Regupol® Roofing and Pavement Tiles

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

Regupol® walkway AK

Maintenance paths on flat roofs with and without load, base panels for solar systems, antennas, building engineering equipment, etc. No plasticiser migration also when used on PVC membranes.

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

Chemically compatible with all types of membranes

Regupol® resist solar AK

Protective Layer underneath Solar Systems

With this product, **Regupol® resist solar AK** offers a selection of protective layers that has been specifically developed for the installation of photovoltaic systems on flat roofs. The protective layers are marked by their extremely long product life as well as their high mechanical load-bearing capacity. A large selection of product alternatives allows users to find the fitting protective layer for the different types of flat roofs and solar plants.

Regupol® resist solar AK ensures that solar systems are solidly positioned due to high coefficients of friction while at the same time protecting the roof membrane against damage.

Regupol® resist solar AK is available in standard sizes or is "custom cut" to the individual construction.

Protected by German utility model (issued by the German Patent and Trade Mark Office).

Regupol® resist solar AK is available in different varieties:

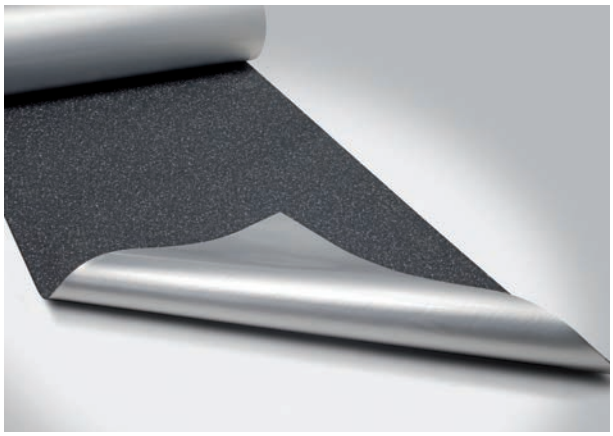
Lamination with a triplex aluminium foil on the underside
This prevents plasticiser migration between non-rubber-compatible roof membranes (e.g. soft PVC) and the protective layer.

Flame-retardant finish
This alternative is considered "hard roofing" as it protects the roof against flying sparks, radiant heat and fireworks.

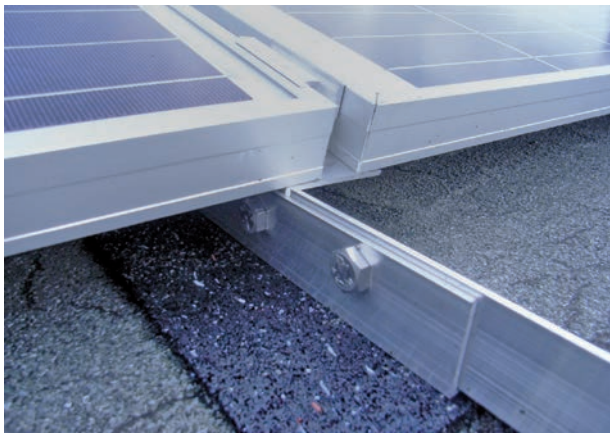
Self-adhesive finish
An adhesive layer serves as a mounting aid to secure the protective layer at the footprints and attach **Regupol® resist solar** to the solar system even prior to its installation on the roof.

These finishes may be combined with one another, which makes for a broad range of product varieties.

Areas of Application
On roof membranes of flat roofs underneath solar systems and other installations.



Regupol® resist solar AK with aluminium triplex foil on the underside, to prevent plasticiser migration.



BSW is member of the German Solar Industry Association

Regupol® resist solar AK – Technical Details

Material
Prefabricated PUR-bound rubber granulate with optional fire protection finish and underside lined with triplex aluminium foil.

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
6 rolls per euro pallet
Customized goods in different lengths, thicknesses (possible thicknesses up to 20 mm) and widths beginning from 50 mm are available on request.

Weight per unit
approx. 4.5 kg/m², at 6 mm thickness

Low-Temperature Stability
to -40 °C

Thermostability
to +90 °C

Tensile Strength
under tensile load σ_R = 1.50 N/mm², in accordance with DIN EN ISO 1798

Elongation at Break
γ_R = 50 %, in accordance with DIN EN ISO 1798

Compression Stress
at 25 % deformation 0.70 N/mm², DIN EN ISO 3386/2

Electromagnetic Shield at 1 GHz
max. approx. 35 dB

Migration of Plasticisers
Does not occur due to aluminium lining on underside.

Dynamic coefficient of friction (cohesive and dynamic friction)
Can be tested on our own test bench under laboratory conditions upon request (using the individual system weights / frame constructions).

Reaction to Fire Classification
E in line with EN 13501-1:2007

Protective layer
according to the norm DIN 18195, part 10

Regupol® Growth-Inhibiting Mats

For decades, **Regupol® Growth-Inhibiting Mats** have been an established product for avoiding unwanted vegetation. Their use bypasses the unpopular use of herbicides, permanently prevents unwanted growth and makes frequent mowing unnecessary.

More information can be found at our website
www.berleburger.com

Regupol® resist solar – Product Varieties

Regupol®	Aluminium lamination	Flame-retardant finish	Self-adhesive lamination of the top side
	To avoid the migration of plasticisers	To protect against flying sparks, radiant heat and fireworks	To secure the protective layer at the solar systems
resist solar AK [1, 4]	Yes	—	—
resist solar FH AK [1, 2, 4, 5]	Yes	Yes	—
resist solar AK SK [1, 4]	Yes	—	Yes
resist solar FH AK SK [1, 2, 4]	Yes	Yes	Yes
Also suitable for the protection of flat roof installations [3]			
resist [3]	—	—	—
resist FH [2, 3, 5]	—	Yes	—
resist SK [3]	—	—	Yes
resist FH SK [2, 3]	—	Yes	Yes
Roofing and Pavement Tiles [2, 5]	—	Yes	—
walkway AK [1, 2]	Yes	Yes	—

1 Chemically compatible with all types of membranes.

2 Flame-resistant: classification B_{Roof} (t1) according to DIN EN 13501-5 after DIN V ENV 1187 test.

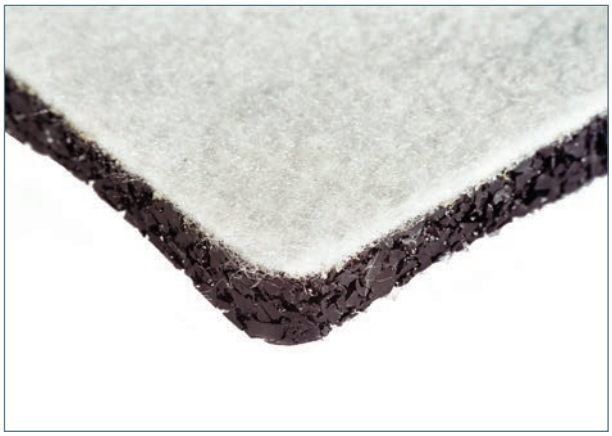
3 These four **Regupol®** building protection sheets are generally used for the protection of rubber-compatible roof membranes. They are also suitable underneath solar systems and other types of structures.

4 Protected by German utility model (issued by the German Patent and Trade Mark Office).

5 With general appraisal certificate.

Regupol® drain plus

Regupol® drain plus provides both a protection and drainage layer. The top side of **Regupol® drain plus** is laminated with a fibre fabric which allows only liquids to seep through. The profiled underside makes sure that liquids can drain off. **Regupol® drain plus** possesses high mechanical load capacity, does not corrode and is spade-resistant.



Material
PUR-bonded rubber granules and fibres (rough); fleece lamination

Weight per unit
approx. 7.5 kg/m²

Roll dimension
10,000 x 1,250 x 8/12 mm
4 rolls per euro pallet

Low-Temperature Stability
to -40 °C

Thermostability
to +90 °C

Tensile Strength
under tensile load σ_R = 0.83 N/mm², in accordance with DIN EN ISO 1798

Elongation at Break
γ_R = 40 %, in accordance with DIN EN ISO 1798

Compression Stress
at 25 % deformation 0.40 N/mm², DIN EN ISO 3386/2

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

Protective layer
according to the norm DIN 18195, part 10

Drainage Capacity
Because of its material structure **Regupol® drain plus** can drain large quantities of water in the horizontal plane even under load. The exact quantities can be obtained from the table below.

compression	unit	mean value X		
Drainage capacity $q_{stress/gradient}$		hydraulic gradient		
			i = 0,015	
Test direction CMD 1,275 kPa hard/hard	l/m · s	–	0,0562	– – –

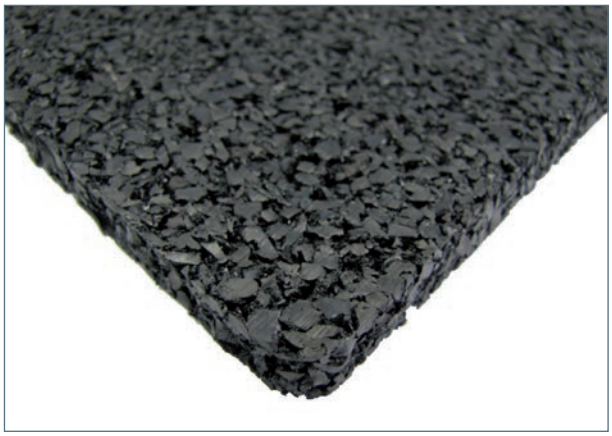
Norm: DIN EN ISO 12958

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

Regupol® resist FH

The **Regupol® resist FH** building protection sheet is the new product from BSW to protect membranes and insulation, and to reduce the fire load on flat roofs. The flame-retardant equipment makes the sheets made of PUR-bound rubber granulates resistant against flying sparks and radiant heat.



The fire resistance rating is considerably enhanced from a fire protection point of view. **Regupol® resist FH** insulation and building protection with a thickness of 8 mm is classified as B_{Roof} (t1) and therefore considered to be hard roofing.

Under certain circumstances, **Regupol® resist FH** insulation and building protection hence considerably reduces the use of gravel filling and tile material, and hence the entire roof live load. This is a crucial advantage, particularly in the field of roof restoration.

Regupol® resist FH is important as a complement to membrane products which do not themselves meet the requirements of hard roofing.

Regupol® resist FH Insulation and Building Protection with the general appraisal certificate at 8 mm thickness

The general appraisal certificate confirms that **Regupol® resist FH** is resistant to flying sparks and radiant heat according to DIN V ENV 1187.

General appraisal certificates are solely issued by the test centres accredited to do so by the German Institute for Civil Engineering (DIBt), in this case MPA Dresden.

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

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

Considered hard roofing

Regupol® resist FH considerably reduces the fire load.

Regupol® resist FH insulation and building protection greatly helps to prevent the outbreak of fire and its spreading to adjacent roofs.

The diameter of the burn mark is only insignificantly larger than the fire basket. The fire did not penetrate the building protection sheet.

Areas of application
On the membranes of flat roofs underneath gravel filling, tile material, etc., underneath solar modules and as hard roofing.

Regupol® resist FH – Technical Details

Material
PUR-bound rubber granulate with fire protection finish

Tile Measurements
8,000 x 1,250 x 8 mm

Weight per unit
approx. 6 kg/m²

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 = 40 %, in accordance with DIN EN ISO 1798

Compression Stress
at 25 % deformation 0.5 N/mm², DIN EN ISO 3386/2

Electromagnetic Shield at 1 GHz
max. approx. 35 dB

Thermal Conductivity
Calculation value λ_Z = 0.14 W/mK

Reaction to Fire Classification
B_{Roof} (t1) in line with EN 13501-5

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

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

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

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.

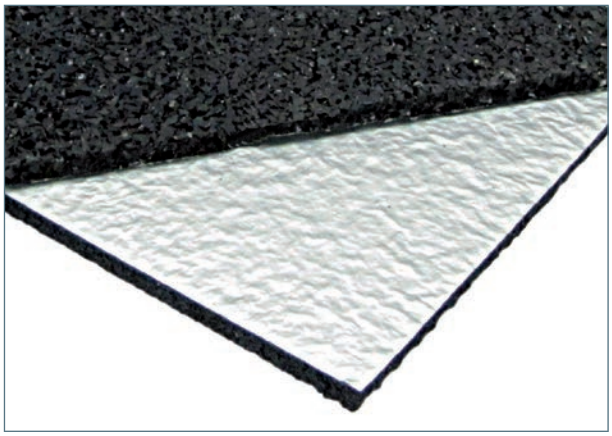
Regupol® resist solar FH AK

Regupol® resist solar FH AK contains a aluminium triplex foil on the underside, to prevent plasticiser migration.

Regupol® resist solar FH AK Insulation and Building Protection with the general appraisal certificate at 8 mm thickness

Considered hard roofing

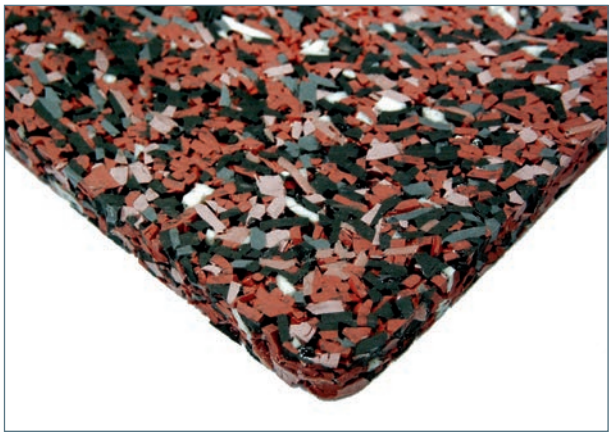
Flame-resistant:
Classification B_{Roof} (t1)
according to DIN EN 13501-5
after DIN V ENV 1187 test



More information can be found on page 8.

Regupol® resist 9510

Regupol® resist 9510 is an alternative to **Regupol® resist** for protective roof membranes and insulation, as well as for higher loads. **Regupol® resist 9510** consists of PUR-bonded butyl rubber and is classified as a protective layer in accordance with DIN 18195, part 10. In comparison to protective screed and concrete, **Regupol® resist 9510** 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. The material is virtually odourless in terrace floors with open joints.



Material
PUR-bonded butyl plastic

Specific Weight
approx. 1,050 kg/m^3

Weight per unit
approx. 8.4 kg/m^2 at 8 mm thickness

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
Other sizes and thicknesses 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 $\sigma_R \geq 0.60$ N/mm^2, in accordance with DIN EN ISO 1798

Elongation at Break
$\gamma_R \geq 60$ %, in accordance with DIN EN ISO 1798

Compression Stress
at 30 % deformation ≥ 2.19 N/mm^2 at 8 mm thickness, DIN EN ISO 3386/2

Thermal Conductivity
Calculation value $\lambda_z = 0.14$ 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)

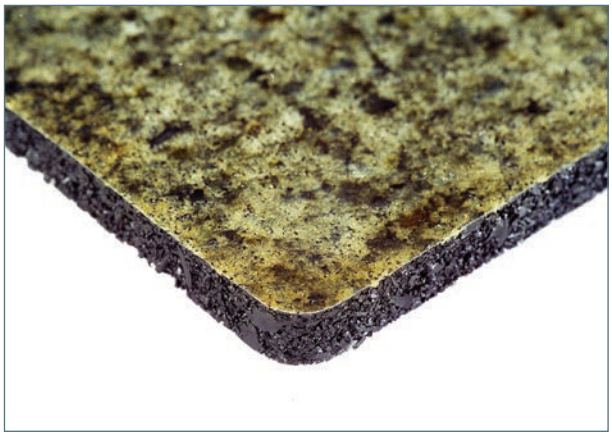
Migration of Plasticisers
Installation on membranes which are not rubber-compatible may cause migration of plasticisers. Please use **Regupol® resist solar FH AK** to avoid migration of plasticiser.

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.

Regupol® hot plus

The underside of **Regupol® hot plus** is coated with a hot melt adhesive so that overlapping and vertical joints can be welded by hot air treatment.



Material
PUR-bonded rubber granules and fibres, hot melt adhesive coating

Weight per unit
approx. 6.0 kg/m² at 8 mm thickness

Dimensions
1,250 mm wide
6, 8 oder 10 mm thick
Roll lengths on demand

Low-Temperature Stability
to -40 °C

Thermostability
to +90 °C

Tensile Strength
under tensile load σ_R = 0.56 N/mm², in accordance with DIN EN ISO 1798

Elongation at Break
γ_R = 40 %, in accordance with DIN EN ISO 1798

Compression Stress
at 25 % deformation 0.60 N/mm², DIN EN ISO 3386/2

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

Protective layer
according to the norm DIN 18195, part 10

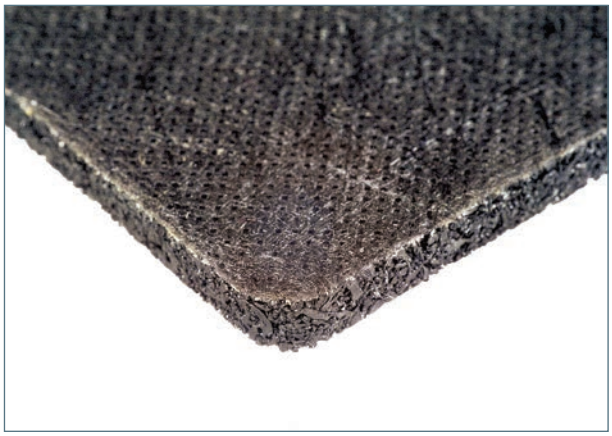
The stated values are to be understood as guidelines. The depicted applications (photos) are examples only. Our information does not release users from the obligation of carrying out their own tests for possible uses.

BSW

Regupol® stabi plus

Regupol® stabi plus has a laminated fibre fabric coating which provides the necessary dimensional stability. Overlapping and shaping can be avoided.

Regupol® stabi plus offers approx. 75% less expansion / shrinking under variations in temperature in comparison to conventional standard products.



Material
PUR-bonded rubber granules and fibres, fibre fabric

Weight per unit
approx. 5.9 kg/m² at 8 mm thickness

Dimensions
1,250 mm wide
6, 8 oder 10 mm thick
Roll lengths on demand

Low-Temperature Stability
to -40 °C

Thermostability
to +90 °C

Tensile Strength
under tensile load σ_R = 1.74 N/mm², in accordance with DIN EN ISO 1798

Elongation at Break
γ_R = 66 %, in accordance with DIN EN ISO 1798

Compression Stress
at 25 % deformation 0.90 N/mm², DIN EN ISO 3386/2

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

Protective layer
according to the norm DIN 18195, part 10

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_{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 λ_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

Regupol® walkway AK

Chemically compatible with all types of membranes

The underside of this version of our **Regupol® Roofing and Pavement Tiles** is lined with aluminium foil to counteract the plasticiser loss of non-rubber-compatible membranes. Therefore, installation of these tiles is quicker. All other product properties of this version are identical with the standard version of the **Regupol® Roofing and Pavement Tiles**.

The elastic pavement tiles **Regupol® Roofing and Pavement Tiles** serve as inspection paths on flat roofs and as protective basic elements for solar modules, 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. Thanks to a simple dowel system, installing the tiles is easy and they can be used instantly.

The available colours of red, green and black can mark the maintenance paths even at low visibility. On their undersides are crosswise drainage grooves, which makes it possible to position them in any direction towards the incline. **Regupol® walkway AK** can be laid directly on bituminous waterproof sheeting and plastic (soft PVC) sheeting.

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

Regupol® walkway AK – Technical Details

Material
PUR-bonded rubber granules and fibres, solid-coloured, 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 λ_Z = 0.14 W/mK

Migration of Plasticisers
Does not occur thanks to aluminium lining on underside.
(**Regupol®** walkway AK)

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

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.

Regupol®

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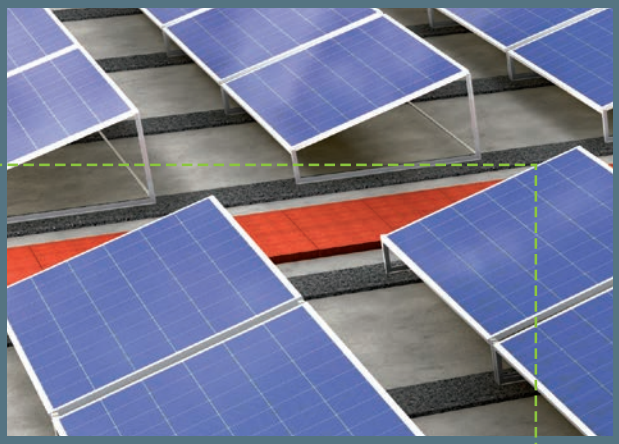

BSW SOLARIB EN 082016
Printed August 2016