



Solvent-based, polymer-bitumen roof sealant

Use

The thixotropic solvent-based sealant paste serves to create seamless coatings (new seals and repairs) on roofs with bitumen roofing membranes, metal substrates and mineral substrates.

Properties

DOBAU®- Dachelastik is distinguished by the following characteristics:

- thixotropic properties allowing easy and economical processing
- elastic and bridges cracks
- high heat resistance
- highly flexible and elastic, even at cold temperatures
- high resistance to aging and UV
- very good adhesion on bituminous and mineral substrates
- resistant to aqueous solutions, diluted acids, salts, lime, cement, etc.

Application instructions

Requirements to the subsoil

The substrate to be treated must be clean, dry free of oil and grease as well as firm and load stable. Loose components must be removed, defects reworked. Bubbles and waves in the roof upper layer to be coated must be cut out and bonded over properly. Smaller cracks and defects must be filled with DOBAU®- SP Spachtelmasse, possibly by using the DOBAU®- Glasseidengewebe. A bituminous primer is not necessary as a rule.

Weather conditions

At the application of DOBAU®- Dachelastik the ground and air temperatures have to be more than 5 °C. The effects of water, rain and frost must be avoided during the processing and drying phase.

Establishing the seal

DOBAU®- Dachelastik is spread over the substrate after thorough stirring and applied in an even layer thickness in 2 work steps using a paintbrush or rubber slider. The brushstrokes should run parallel when doing so.

The second layer must not be applied until the first layer has dried. Depending on the weather conditions, this is usually possible after one day.

It is necessary to use the DOBAU®- Glasseidengewebe on connections and areas prone to cracks (e.g. wooden roofs, lightweight steel roofs). In the area of connections and rising building parts, it is advisable to first prepare the material thinly, insert the fabric, press it on and fix by painting over again.

Central Sales

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Theoretical material consumption

Type of sealing	Establishing the seal	Wet layer thickness per location
Sealing flat roofs Roof slope >3°	min. 2-layer	each 1.5 kg/m ²
Repairing flat roofs Roof slope >3°	min. 2-layer	each 1.5 kg/m ²
Roof slope ≥ 1,5° < 3°	min. 2-layer with DOBAU®- Glasseidengewebe	each 1.5 kg/m ²
Protective layer during roofing work	approx. 1 kg/m ² DOBAU®- Dachelastik spread with 4 - 6 kg/m ² slate cladding 1/3 mm	

Application notes

When using DOBAU®- Dachelastik, the roof structure must correspond to the physical construction requirements of the relevant building as well as the principles of flat roof directives. Moisture entrapment is to be expected on sheeting with coarse spreading and raw felt sheeting and/or roof slopes ≤ 3°. Therefore glue on a bitumen roofing membrane point by point as a vapour pressure equalising layer before coating. DOBAU®- Dachelastik contains aromatic solvents that attack polystyrene hard foam. Therefore use only rolled sheeting with solvent-resistant insulating materials, e.g. polyurethane, mineral fibre during repair work aiming to improve the thermal insulation. DOBAU®- Dachelastik has been developed for use on substrates corresponding to DIN. On substrates not corresponding to DIN, substrates of an unknown nature and new products, a preliminary test regarding compatibility and adhesion is necessary.

Storage

DOBAU®- Dachelastik can be stored for at least 12 months in the unopened container.

Form of supply

Container: 5 kg, 10 kg, 30 kg

Cleaning agent

When fresh: Water
 When set: BIGUMA®- SWS, common solvents or benzine
 In case of skin contact: hand washing paste

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Technical data**Properties:**

Binder:	Polymer-bitumen
Solvent:	Hydrocarbons
Colour:	black
Flashpoint (DIN 53 213, Part 1):	> 23 °C
Solids content:	approx. 57 %
Layer thickness:	1 kg/m ² wet application = 0.5 mm dry layer
Heat resistance at Layer thickness 1 mm, 2 hours. (DIN 52 123):	no running
Cold resistance at -15 °C (DIN 52 123) Layer thickness 1 mm, 20 mm round rod:	no flaking

This product information corresponds to our latest available information. The processor is obliged to test the suitability and application options for the intended purpose. We shall be pleased to advise if you have any questions about our product. Our Terms and Conditions of Business apply, which can be found at www.dga.de.

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