

Aqua Thermo roof paint

Waterproof protection for roof surfaces



Material description



Material type:	Thick-layer topcoat for roofs and flat roofs.
Intended use:	Suitable for roofs with and without pitch made of fiber cement, bituminous sheeting, concrete and roofing felt as well as many other substrates. Flat roofs must be embedded in the first coat with glass fleece (Kobau Microlith [®] Spachtelvlies).
Properties:	<ul style="list-style-type: none"> • Easy to process • Very flexible down to -20°C • Very good weather resistance • Highly resistant to UV rays and temperature changes • Supports the energy efficiency of double-sided photoactive solar modules • Water-dilutable and one-component • Thick-layer application • Can be tinted in many RAL colors and NCS • Reduces the heating of roofing felt by more than 50% (in white)
Color shades:	tintable
Gloss level:	dull
Packaging:	1 x 20 kg 1 x 5 kg
Dilution:	Product is ready to use. If necessary, add water.
Storage:	Store in a cool and dry place. Shelf life 1 year in unopened original container. Protect from frost.

Technical application notes

Substrates:	Concrete, fiber cement, bitumen sheeting, roofing felt
Substrate preparation:	<p>The substrate must be dry and free of rust, scale, oil, grease and other contaminants; remove loose paint if necessary. For heavily weathered surfaces and absorbent substrates such as fiber cement, prime once with 619 Aqua Roof Primer.</p> <p>Prime metal substrates with 715 Multigrund.</p> <p>Galvanized surfaces (BFS data sheet no. 5): Corrosion products, grease and other contaminants must be thoroughly removed. Pre-treatment with diluted ammonia in combination with wetting agents has proven effective for preparing zinc surfaces. For 10 liters of water, add ½ liter of ammonia and approx. 8 cc (1 tablespoon) of wetting agent, e.g. dishwashing liquid, Pril, etc. The surface is sanded with this mixture using a plastic fleece until the foam turns metallic gray. The foam must remain on the surface for approx. 10 minutes. Then rinse with clear water and dry. Light sandblasting with a sandblasting fan has also proved effective.</p>

Coating structure: **2 x** Aqua roof protection plus
Primer if necessary, depending on the substrate

Processing conditions: Stir well before use. The material, substrate and air temperature must not fall below 8°C or exceed 30°C during the entire processing and drying time. The air humidity should be between 30% RH and 75% RH during the entire time.

Labeling

Binder base: High-quality acrylate copolymer dispersion

Waste code: 080111 **Giscode:** BSW30

Disposal: Only dispose of completely empty containers for recycling. Hardened residues can be disposed of with the residual waste. Liquid paint residues must be disposed of via the hazardous waste collection points or approved disposal companies.

Other: The accident prevention regulations of BG Chemie "Processing of coating materials (VBG 23) and the "Technical Rules for Hazardous Substances (TRGS) 507" must be observed. Remove foodstuffs from the relevant rooms during processing and the drying time. Further information can be found in the EC safety data sheet.

Processing instructions

Application method	paint / roll	Airless spraying	Low pressure spraying
Dilution	As required	Up to 10%	as required
Viscosity DIN4mm			
Nozzle size		HEA 517	
Injection pressure		180 bar	

Drying	Rain resistance	Accessibility	paintable	Fully resilient
(20°C/55% r.h.)*.	approx. 3 hrs.	approx. 4 hrs.	approx. 8 hrs.	approx. 2 days

Yield	paint / roll
kg./ m ²	approx. 1 per layer

Special notes

* Specified drying times apply at 20°C / 55% relative humidity and sufficient air movement.

The following conditions may delay drying:

- Low temperatures
- High humidity
- Excessive layer thickness
- Lack of air movement