

W1

ROOFCOAT

ACRYLIC ELASTOMERIC WATERPROOFING COMPOUND

WATERPROOFING

Roofcoat w1 is a cold-applied, one-component waterborne liquid applied waterproofing c, highly elastic and UV resistant.

USES

- For roof waterproofing solutions in both new construction and refurbishment projects
- For roofs with many details and complex geometry when accessibility is limited
- For cost efficient life cycle extension of failing roofs
- For reflective coating to enhance energy efficiency by reducing cooling costs

CHARACTERISTICS / ADVANTAGES

- One-component - ready to use
- Cold applied - requires no heat or flame
- Seamless waterproofing membrane
- UV resistant and UV stable
- Highly elastic and crack-bridging
- Easily recoated when needed - no stripping required
- Economic – provides a cost efficient life cycle extension for failing roofs
- Low VOC emitting water-based coating
- Excellent adhesion on porous and non-porous sub- strates
- Water vapour permeable - allows the substrate to breathe

PRODUCT INFORMATION

Composition	Acrylic Polymeric emulsion
Packaging	20 kg pail
Appearance / Colour	White paste
Shelf Life	12 months from date of production
Storage Conditions	Roof Coat must be stored in a dry place, off the ground and well covered.
Density	Fresh mortar density: ~1.35 kg/l (at +25 °C) (EN ISO 2811-1)

TECHNICAL INFORMATION

Strength	Tensile 1.5 N/mm ² @ 28 days Elongation at break 220% @ 28 days
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APPLICATION INFORMATION

Consumption	Roofcoat W1 is applied in 2 or 3 coats Total consumption ≥ 0.9 - 1.4 kg/m ² (≥ 0.6 - 1.0 l/m ²) Dry film thickness ≥ 0.3 - 0.5 mm
Layer Thickness	Note: Do not apply more than 0.75 kg/m ² of RoofcoatW1 per coat for layers without reinforcement.
Over coating	4 hrs

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APPLICATION INSTRUCTION

SUBSTRATE QUALITY / PRE-TREATMENT

The surface must be sound, of sufficient strength, clean, dry and free of dirt, oil, grease and other contamination. Depending on the material the substrate must be primed or mechanically cleaned. Grinding may be necessary to level the surface.

Suitable substrates are such as: concrete, bituminous felts and coatings, metal, brickwork, asbestos cement, ceramic tiles, wooden substrates

MIXING

Prior to application, stir roofcoat w1 thoroughly for 1 minute in order to achieve a homogeneous mixture. Over mixing must be avoided to minimize air entrainment.

APPLICATION

Prior to the application of roofcoat the priming coat if used must have been cured tack-free.

Roof Coating: Roofcoat w1 is applied in two or three coats. Prior to the application of a 2nd coat the indicated waiting time in the table above shall be allowed.

1. Apply the first coat of appr. 0.75 kg/m² (for non-absorbing substrates) – 1.00 kg/m² (for absorbing substrates) of roofcoat on a length of approx. 1m.
2. Apply a second coat of approx. 0.25 kg/m² - 0.5kg/m² coat right into the wet fleece to achieve the required film thickness. The entire application shall happen while the roof coat is still liquid, wet in wet.
3. Repeat step 1–3 until the roof area is waterproofed.
4. After the two coats are dry, seal the roof area with one or more additional coats of roofcoat (≥ 0.5 kg/m² per coat).

CLEANING OF TOOLS

Clean all tools and application equipment with clean water immediately after use. Hardened / cured material can only be removed mechanically.

STORAGE

Store in a cool dry place under shade.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

HEALTH AND SAFETY INFORMATION

For information and advice on the safe handling storage and disposal of chemical products, users shall refer to the most recent MSDS containing all the details. control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application.



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