



Top Proof BT 100-A

Product Description

Top Proof BT 100-A is a ready-to-use, single-component solvent based waterproofing coating formulated from high-quality bitumen blended with reflective aluminum pigments. It provides a durable, weather-resistant protective layer with excellent adhesion to various substrates. The reflective aluminum finish enhances UV resistance and reduces heat absorption, extending the life of the waterproofing system.

Product uses:

- Roof surfaces (concrete, metal, bituminous membranes)
- Waterproofing of exposed structures
- Protective coating for bitumen membranes
- Industrial and residential roofing systems.

Properties

- UV Resistance: Reflective aluminum particles protect against solar radiation.
- Waterproofing Performance: Creates a seamless, impermeable barrier against water ingress.
- Single-Component: Easy application without mixing or complicated preparation.
- Strong Adhesion: Bonds effectively to concrete, metal, and bituminous surfaces.
- Durability: Resistant to weathering, aging, and environmental stress.

TECHNICAL PROPERTIES

<i>Appearance/Color</i>	Aluminum finish
<i>Chemical structure:</i>	Bitumen + Aluminum pigments
<i>volume solids:</i>	56 %
<i>Theoretical Spreading Rate:</i>	1.12 m ² /ltr (1 m ² /kg) (500 micron)
<i>Density:</i>	1.1 kg/liter
<i>Recommended DFT:</i> (Dry Film thickness)	700-1000 micron.
<i>Surface dry:</i>	30-45 approx. min (s) 23°C/73.4°F 50% R.H.
<i>Recoating time:</i>	3 -4 hours (23°C and 50% R.H.)
<i>VOC Content:</i>	< 100 g/L
<i>Full dry:</i>	48 hours (23°C and 50 % R.H.)
<i>Application temperature:</i>	+10 °C/50° F and +35 °C/ 95°F

Application Details

<i>Application method:</i>	Brush / Roller / Airless Spray
<i>Thinner:</i>	Do not thin the product
<i>Thinner Amount:</i>	Brush (Do not Thin) – Trowel (Do not thin)



Surface Preparation:

- Ensure substrate is clean, dry, and free of dust, grease, or loose particles.
- Repair cracks or defects before application.
- Apply primer if required for porous surfaces.

PRECEDING COAT:

There no primer

Application:

- Stir material thoroughly before use.
- Apply in two coats for optimal performance.
- Allow sufficient drying time between coats.
- Do not apply under rain or high humidity conditions.

Shelf life & Storage:

12 months from date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5°C and +30°C.

Safety:

For information and precautions on the safe handling, transportation storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

Legal Notice:

The information presented herein is given in good faith but without warranty. It's based on our experience, indicates our laboratory work results and does not necessarily indicate final product performance. We cannot be held liable for the results obtained with our products and for any loss or accident that may result from its use. Our suggestions don't release you from the obligation to check their validity and to test our products for both your process and end use application. All our products are sold in accordance with our General Conditions of Sale. We don't make any warranty, express or implied, including but not limited to the merchant ability and fitness for a particular purpose.