

PRODUCT DATA SHEET

Bauder LiquiTOP Epoxy Primer

LiquiTOP Epoxy Primer is a two-component epoxy-based primer used in LiquiTOP Roof Systems for preparing a variety of metallic and non-metallic substrates, with excellent adhesion to steel, galvanised steel and non-ferrous metals.

**Intended Use**

LiquiTOP Epoxy Primer is for use in the Bauder LiquiTOP Roof Systems. It is suitable for use in cold roof and warm roof situations for new build and refurbishment projects.

The product has the following characteristics;

- Improves adhesion
- Compatible with most metallic surfaces
- Anti-corrosive properties
- Provides a barrier against migration of plasticisers and volatile bitumen substrates
- Minimal preparation required
- Easy to apply to details and surface areas
- Brush or roller applied

PRODUCT INFORMATION AND TECHNICAL PERFORMANCE			
Characteristic	Test method	Unit	Value
Pack volume	-	Litre	4 (combined)
Gross weight (combined)	-	kg	6.7 (combined)
Appearance			
Part A	-	-	Beige liquid
Part B	-	-	Clear liquid
Mixed	-	-	Yellow liquid
Tin size			
Part A	-	-	5 litre lift top tin
Part B	-	-	0.5 litre lift top tin
Application Rate	-	m ² /L L/m ²	10-20 0.05-0.1
Touch-Dry Time at 20°C	-	Minutes	30
Overcoat Window	-	-	2-4 hours minimum 3 months maximum
Full Cure Time at 20 °C	-	Days	7
Pot life	-	Hours	14
Application temperature	-	°C	5 to 25
Temperature in service	-	°C	-30 to 100
Storage temperature	-	°C	5 to 25

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INSTALLATION GUIDANCE

Installation is to be carried out by Bauder Approved Contractors in accordance with the specification and guidelines. Please consult the Bauder Technical Department.

InstallationPreparation of Metals:

Return metal to a clean, bright condition. Ideally steelwork should be prepared in accordance with ISO 12944-4 or BS 7079. Where blasting is not applicable, wire brushing or grinding etc. may be acceptable, although it will be more difficult to obtain the desired condition by these methods. All loose scale or rust must be removed.

Galvanised surfaces may be primed after suitable preparation and adhesion testing, especially where the surface is weathered or dull. Bright galvanising will need to be degreased and treated with a proprietary mordant solution before priming. Remove any dust or oxidation from non-ferrous metals and abrade before priming. Lead should be prepared in accordance with health and safety guidance. Advice on methodology should contact the HSE www.hse.gov.uk/lead/

Preparation of Non-Metallic Surfaces:

Plastics, coatings, volatile bitumen, etc. should be clean, dry, sound and free from grease. Hard materials should be abraded to provide a key. Adhesion and compatibility tests should be carried out on all non-metal substrates to confirm compatibility.

Adhesion tests should be conducted on all non-ferrous and non-metallic surfaces to ensure the suitability of LiquiTOP Epoxy Primer and the subsequent LiquiTOP PU system.

Ensure surfaces to be primed are clean and dry and free from stripping agents, grease, dirt, debris or any other contaminants.

Pour the contents of the Part B tin into the Part A tin and mix thoroughly for 2-3 minutes until streak free and completely mixed. Apply by brush or lambs-wool roller. Leave the primer to dry for 2-4 hours before the area is overlaid or adhered too, depending on ambient temperature.

Storage

Should be stored unopened in a dry condition at a temperature of 5-25°C.

Shelf Life

When stored correctly as detailed above, the shelf life is a minimum 12 months provided that the containers are left unopened in a dry condition at a temperature of 5-25°C.

Bauder reserves the right to amend information and product specifications without prior notice. All reasonable care has been taken to ensure that all data is current at the time of print, however because Bauder pursues a policy of constant development we recommend ensuring that your copy of this information is current by contacting our Technical Department at technical@bauder.co.uk

Recommendations for use should be verified as to the suitability and compliance with actual requirements, specifications, installation techniques and any applicable laws and regulations.

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