

Bauder LiquiTOP Epoxy Primer

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Product description

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, improves adhesion to steel, galvanised steel, and non-ferrous metals. Compatible with most metallic surfaces, it has anti-corrosive properties. It provides a barrier against migration of plasticisers and volatile bitumen substrates in overlay situations.

Application fields

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.



Article Number

GB81008130

Characteristic	Unit	Value
Gross weight	kg	6.71 combined
Net weight	kg	6.05 combined
Content volume	litre	4
Colour		
Part A		Beige liquid
Part B		Clear liquid
Mixed		Yellow liquid
Base		Epoxy
Coverage	m ² /L L/m ²	10-20 0.05–0.1
Shelf life unopened	months	12
Ambient and substrate temperature	°C	5 to +30 (Where the temperature falls outside of this, please refer to Summer & Winter advice documents from Bauder).
Dew point	°C	3° above dew point
Pot life	hours	14 approx.
Curing time at 20°C*		
Touch dry	minutes	20 approx.
Overcoat	hours	2-4 minimum (3 months maximum)
Full cure	days	7
Temperature in service	°C	-30 to +140

*Times will be slightly increased at lower temperatures and slightly reduced at higher temperatures.

Storage guidance

The product should be stored in a secure storage area, unopened in a dry condition at a temperature of 5°C to 25°C. Where there are storage containers on site, these may be suitable for storing products. This will ensure the stated shelf-life. The product will have a limited life once the container is opened. The products must not be exposed to a direct naked flame or other ignition sources, or to solvents or other chemicals. All information is provided as a guideline only. Open time and cure time are both dependent on a range of variables: temperature, substrate being bonded, method of application, weight of material applied and relative humidity.

Packaging material

The product is packaged in tin plate steel lift top tins – 5 litre tin for Part A and 500ml for Part B.

Weight of packaging approximately 0.66 kg combined.

Handling/PPE

All persons using the product should be fully aware of the manual handling methods as roofing materials are heavy and can cause serious injury. When using the product, installers should be provided with, and wear, suitable personal protective equipment.

Technical data sheet



Emptying and disposal guidance

Containers which have been emptied, but not washed out in line with the specific methods and calculations prescribed in WP1 and WM3, should be classified as packaging containing residues of/or contaminated by hazardous substances using waste code 15-01-10. Containers with hazardous residues that have been emptied and washed-out in line with the method and calculations which are detailed in the industry guidance can be classified as non-hazardous waste packaging.

Further information/ documents

Current documents such as brochures, installation guides, etc. can be found by visiting www.bauder.co.uk

International Standards Organisation (ISO)

ISO 9001:2015 Quality Management
Certificates EN1271 and FM 01892

ISO 14001:2015 Environmental Management
Certificates A10552 and EMS 59737

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.

Substrate assessment / pre-treatment / preparation

Ensure that the substrate is clean, dry, and free from dust, grease, oil, and any other contamination.

The substrate must be assessed, treated, and prepared in accordance with the Bauder project specification.

Preparation 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.

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 solvent resistant fleece roller. Leave the primer to dry for 2-4 hours before the area is overlaid or adhered too, depending on ambient temperature.

Safety Data Sheets are designed to provide the necessary information to recipients of substances and mixtures in the EU & UK. This product is classed as a substance/mixture; therefore, this product does have a requirement for a Safety Data Sheet.

