

PRODUCT DATA SHEET

Bauder LiquiPRIME 1

LiquiPRIME 1 is a cold applied liquid fast curing primer, for use when installing the Bauder LiquiTEC system over asphalt, exposed bitumen and timber-based substrates. The product is a PMMA based resin and requires the addition of catalyst to trigger curing. It is solvent, isocyanate and halogen free, minimizing its environmental impact.



Intended Use

LiquiPRIME 1 is used as a substrate primer in LiquiTEC Roof, Detail and Balcony Systems.

The product must be mixed with Bauder Catalyst to cure. Bauder Catalyst must be ordered separately.

The cured material has the following characteristics:

- Cold applied liquid
- Exceptionally fast curing
- Solvent, halogen and isocyanate free

PRODUCT INFORMATION AND TECHNICAL PERFORMANCE			
Characteristic	Test method	Unit	Value
Drum size	-	kg	10
Colour	-		Transparent
Ambient and substrate temperature	-	°C	0 to +35
Atmospheric relative humidity	-	%	≤ 95
Dew point	-	°C	3° above dew point
Pot life*	-	minutes	15 approx.
Curing time at 20°C*			
Rainproof	-	minutes	30 approx.
Overcoat / traffic time			45 approx.
Able to withstand stress			120 approx.

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

HEALTH AND SAFETY

Information regarding handling, storage and disposal of this product can be found on the latest version of the product Safety Data Sheet, which should be consulted before use.

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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.

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.

Initial mixing / decanting

Thoroughly mix the resin in the drum with a slow speed mixer until the resin achieves a uniform consistency; If required to decant, mix in the drum before decanting a measured weight into a suitable container.

Mixing

Measure the appropriate weight of catalyst for the weight of resin and the temperature as detailed in the table below and on the label on the back of the drum.

Add the catalyst to the pre-mixed / decanted resin.

Thoroughly mix the resin and catalyst using a slow speed mixer for a minimum 2 minutes until the catalyst has been evenly distributed. Leave for a minimum of 1 minute to allow the catalyst to fully dissolve.

Re-mix and use the mixed material within the pot life.

Temperature (Substrate/ambient)	0°C to +5°C	+5°C to +15°C	+15°C to +35°C
Catalyst to resin %	6%	4%	2%
Catalyst per 10.00kg drum of resin	0.60kg	0.40kg	0.20kg

Note: Catalyst is supplied in 0.1 or 1 kg bags or 25 kg box.

Installation

Apply by roller to the substrate. For full details refer to the Bauder project specification.

Application: Add catalyst to the LiquiPRIME 1 at the rate indicated on the container and apply using a synthetic deep pile roller at a minimum rate of 0.4kg/m².

For upstand details and sloping areas in excess of 250mm high, add 1-2% Liquid Thixo to the catalysed resin and stir thoroughly prior to application.

Note: Consumption rates are based on smooth, even, non-absorbent substrates.

Interruptions during works

Where work is interrupted for more than 12 hours or if soiled by rain etc., proceed as follows;

- For areas that are not fully aggregate filled, use Bauder PMMA Cleaner to clean and reactivate the transition area. Overlay after the Bauder PMMA Cleaner has evaporated and a minimum 20 minutes / maximum 60 minutes after application.
- For areas where the surface is aggregate filled, ensure that the surface is clean, dry and free from dust, grease, oil and any other contaminants prior to overlay but do not apply Bauder PMMA Cleaner.

Tool cleaning

Clean tools with Bauder PMMA Cleaner. Refer to the specific product data sheet.

Storage

Store unopened in a cool, dry, well ventilated place above freezing, out of direct sunlight and in the original container.

Shelf Life

When stored correctly, the shelf life is a minimum 6 months.

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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