

Bauder LiquiPASTE Mortar

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Product description

LiquiPASTE Mortar is a fast curing cold applied liquid filler for horizontal and vertical repairs, to be used after the application of LiquiPRIME. The product is a PMMA based resin and requires the addition of catalyst to trigger curing. It is solvent, isocyanate and halogen free.

Application fields

LiquiPASTE Mortar is used as a fast curing substrate filler for larger indentations, recesses and holes. It is used with the LiquiTEC Roof, Detail and Balcony Systems. It consists of LiquiPASTE bulked out with Bauder Quartz.

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



Article Number

GB81004010 (LiquiPASTE)

Characteristic	Unit	Value
Gross weights	kg	
LiquiPASTE		16.1
Bauder Quartz (0.7 – 1.2mm)		25.4
Net weight		
LiquiPASTE Mortar comprises	kg	
LiquiPASTE		15 Drum
Bauder Quartz (0.7 – 1.2mm)		25 bag
Bauder Catalyst		100g bag / 25kg box
Mixing ratio		
LiquiPASTE		1 part (15kg)
Bauder Quartz (0.7 – 1.2mm)		1 part (15kg)
Bauder Catalyst		Varies- see mixing section
Colour		Pebble Grey RAL 7032 (approx.)
Base		Poly methyl methacrylate
Weight/density	kg/mm/m ²	2.00 approx.
Shelf life unopened	months	6
Ambient and substrate temperature	°C	0 to +35 (Where the temperature falls outside of this, please refer to Summer & Winter Advice documents from Bauder).
Atmospheric relative humidity	%	≤ 95
Dew point	°C	3° above dew point
Pot life	minutes	10 approx.
Curing time at 20°C*		
Rainproof		30 approx.
Overcoat / traffic time	minutes	60 approx.
Able to withstand stress		120 approx.

*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 LiquiPASTE product is packaged in tin plate steel pails with a tin plate steel lid and ring latch. Weight of packaging approximately 1.1kg.
Bauder Quartz is packaged in a polyethylene sack, weighing approximately 400g.

Technical data sheet



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.

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.

Dependent upon the state of the waste resin, hardened or liquid, there are two different suggested waste codes:

Catalysed, hardened PMMA resins 17 02 03 – 'Plastic.

'Un-catalysed, liquid PMMA resins 08 01 11 – 'Waste paint and varnish containing organic solvents or other dangerous substances'.

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 DEKRA 80408283

ISO 14001:2015 Environmental Management

Certificates A10552 and DEKRA 170408038

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, laitance, grease, oil and any other contamination.

The substrate must be assessed, treated, and prepared in accordance with the Bauder project specification. Apply the relevant primer ensuring it is applied into the crack/recess and allow to cure before applying LiquiPASTE Mortar.

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.

Add the aggregate up to a maximum 1 part aggregate to 1 part resin (by weight) and mix with a slow speed mixer until the mixture achieves a uniform consistency;

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

Temperature	0°C to +25°C	+25°C to +35°C
Catalyst to resin %	6%	4%
Catalyst per 15kg drum of resin	900g	600g

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

Installation

Apply by trowel or spatula to the substrate. For full details refer to the Bauder project specification.

Application: Coverage will depend on the void being filled.

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 technical data sheet.

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.