Technical data sheet

Bauder LiquiPAVE R

V4 04.10.2022

Product description

LiquiPAVE R is a fast curing, cold applied liquid waterproofing resin. It is the resin component of LiquiPAVE RF Deck Floor Layer (see separate Technical Data Sheet). The product is a PMMA based resin and requires the addition of catalyst to cure. It is solvent, isocyanate and halogen free.

Application fields

LiquiPAVE R is used in the LiquiPAVE RF Deck Floor Layer in Bauder LiquiTEC Balcony Systems. It is also used in conjunction with 110g Reinforcement Fleece for overbanding of dynamic cracks and joints in the substrate prior to installing the Deck Floor Layer.

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

Article Number GB81002010

Characteristic	Unit	Value
Gross weight	kg	11.1
Net weight	kg	10
Colour		Transparent
Base		Poly methyl methacrylate
Coverage	kg/m²	Refer to LiquiPAVE RF Technical Data Sheet
Coverage	kg/m²	2.5 kg/m² when used with Bauder 110g Reinforcement Fleece to overband cracks – refer to Bauder specification.
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	15 approx.
Curing time at 20°C*	minutes	
Rainproof		30 approx.
Overcoat / traffic time		60 approx.
Able to withstand stress		120 approx.
*Times will be slightly increased at lower temperatures and slightly reduced at higher temperatures.		

Storage guidance

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

Packaging material

The product is packaged in tin plate steel pails with a tin plate steel lid and ring latch.

Weight of packaging approximately 1.1kg.

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.

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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 Certificate DEKRA 80408283 ISO 14001:2015 Environmental Management Certificate 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, including surface applied curing membranes or treatments.
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	**0ºC to +5ºC**	**+5ºC to +15ºC**	**+15ºC to +35ºC**
Catalyst to resin %	6%	4%	2%
Catalyst per 10kg 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

For overbanding, apply catalysed LiquiPAVE R at a minimum rate of 1.5kg/m² using a synthetic deep pile roller. Roll a suitable width of Bauder 110g Reinforcement Fleece into the wet resin, pressing trapped air free using the roller, ensuring a minimum 50mm end lap. Ensure the Bauder 110g Reinforcement Fleece is always fully saturated before applying a further coat of LiquiPAVE R (1.0kg/m²) wet on wet.

For the LiquiPAVE RF application refer to the Bauder specification and the LiquiPAVE RF technical data sheet.

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

Surfacing

Apply the Bauder Balcony, Walkway or Terrace surfacing option as detailed in the Bauder project specification.

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.

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