

PRODUCT DATA SHEET

Bauder PU Insulation Adhesive - Twin Cartridge

Solvent-free twin pack cartridge insulation adhesive for securely bonding insulation boards to various vapour control layers and roof substrates. Not suitable for polyethylene. It is a chemical-curing, high foaming polyurethane adhesive. This product is suitable for bonding two metal foil surfaces together.

**Intended Use**

It is a solvent-free, non-flammable low-odour chemical cure two-part Insulation Adhesive.

It will cure rapidly at a wide range of temperatures (5 to 30°C). 10 min cure time at 20°C
It is chemical and water resistant.

Full product compatibility table available from Bauder Technical Department.

PRODUCT INFORMATION AND TECHNICAL PERFORMANCE

Characteristic	Unit	Value
Coverage	m ²	14 – Average
Shelf life unopened stored at 5-30°C	Months	12
Application temperature	°C	5 to + 30
Grab time at 10°C	Mins	5-10
Grab time at 20°C	Mins	0-5
Cure time at 10°C	Mins	20
Cure time at 20°C	Mins	10
Colour		Part A - Clear Part B - Brown
Liquid content	Ltr	1.5
Bauder Part Number		GB60301200

SUITABLE FOR USE WITH THE FOLLOWING AIR & VAPOUR CONTROL LAYERS

- KSD Mica
- VB4-Expal
- EVA 35
- KSD Foil
- Mica finished AVCL's
- Foil finished AVCL's

SUITABLE FOR USE WITH THE FOLLOWING BAUDER INSULANTS

- PIR FA-TE Insulation
- PIR FA Insulation
- PIR FA Tapered Insulation
- PIR Tapered Insulation (un-faced)
- PIR Flatboard Insulation

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- VIP Insulation
- BauderGLAS Insulation
- BauderROCK Insulation
- PIR Angle Fillets
- EPS Flatboard Insulation

NOT SUITABLE FOR USE WITH THE FOLLOWING

- Bauder Valley & Ridge Infills
- Paper-foil faced insulation

Please contact Bauder Technical Department if you require any further suitabilities confirmed.

CERTIFICATION AND ENVIRONMENTAL INFORMATION

International Standards Organisation (ISO)	ISO 9001:2015 Quality Management Certificates EN1271 (UK) and 70499/03-15_e (Germany) ISO 14001:2015 Environmental Management Certificates A10552 (UK) and 70499/03-15_d (Germany) ISO 50001: 2011 Energy Management Certificate 70499/03-15_c (Germany)
Ozone depletion potential (ODP)	Zero

INSTRUCTIONS FOR USE

1. Surfaces must be clean, dry and free from contamination.
2. Application temperature must be between 5-30°C.
3. Remove the tip of the twin-cartridge using a screwdriver and attach the static mixer.
4. Put the cartridge into the applicator and empty a small amount (as waste) until the adhesive is even in colour.
5. Apply the adhesive directly in liquid beads using a cartridge gun; the beads should be 6mm wide.
6. The adhesive should be applied in strips following the direction of the boards length, ensuring continuous and equally spaced adhesive beads within each board width:
 - 600mm width insulation boards - 2 no: (increase to 3 no. at roof perimeter)
 - 800mm width insulation boards - 3 no: (increase to 4 no. at roof perimeter)
 - 1200mm width insulation boards - 4 no: (increase to 6 no. at roof perimeter)
7. Immediately place the insulation board directly onto the wet adhesive (within 1 minute of application).
8. The beads will foam to 20mm in width to ensure contact with the insulation board.
9. Allow to cure for 10 minutes (@20C) before waterproofing the insulation board.

IMPORTANT NOTES

Tack-Life and Cure-Time: All information is provided as a guideline only. Tack- life and cure-time are dependent on a range of variables: temperature, substrate being bonded, method of application and weight of product applied.

Temperature and Timings: All information on temperature and timings represent normal working conditions and is provided as a guideline only.

Disposal Advice—Dispense all product from the used cartridge and allow to cure, remove nozzle and allow product to cure in the cartridge and nozzle. Once mixed and cured the polyurethane is classed as non-hazardous waste. Plastic cartridge and nozzle should be considered as plastic waste.

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

INSTALLATION GUIDANCE

Refer to the Bauder Instruction Manual for Guidance.

Automatic Application Tools

Bauder supply the automatic tooling. The above details are for an installation tool which is designed to install the cartridge product.

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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