

KEY BENEFITS SUMMARY

- An innovative solution for bonding bricks / blocks that can replace traditional mortar
- Rapid curing – joint can be handled / manoeuvred within 10 minutes, and cures fully within 24 hours
- Easy to use: no mixing, no water, no dust, specialist tools or equipment required
- Ideal for the construction of a wide range of brick or block buildings and structures
- Excellent long-term resistance to seawater, limewater, dilute acids and caustic solutions

PRODUCT INFORMATION

Description

illbruck PU700 is a rapid curing gun grade polyurethane foam adhesive.

Usage / Purpose

illbruck PU700 has been developed specifically as a replacement to traditional mortar for bonding a variety of brick, block, and other masonry products. The adhesive is ideal for the construction of retaining walls, partition walls, outbuildings and a wide range of other brick or block structures.

LIMITATIONS

Not approved for construction of buildings or structures that are subject to UK Building Regulations.

Colour

Beige

Packaging

750 ml pressurised canister

Availability

Direct from Tremco illbruck (see back of leaflet for address and telephone details) or via local and national distributors.

USAGE GUIDELINES

Preparation

- Always carry out a test to confirm compatibility prior to use.
- Protect floor coverings with paper or a plastic film.
- The surfaces must be dry, solid, stable and capable of carrying the load of the panels to be installed.
- Remove all loose particles, dust and grease.
- A speedier cure can be attained by moistening the substrates if needed.

Application

- Shake the canister vigorously at least 20 times. Remove the protective cap and screw onto the illbruck PU foam gun.
- Apply a bead of illbruck PU700 Masonry Adhesive along the horizontal and vertical sections to be bonded.
- For best results always work with the canister in a vertical position and keep the valve pointed downwards.

Coverage

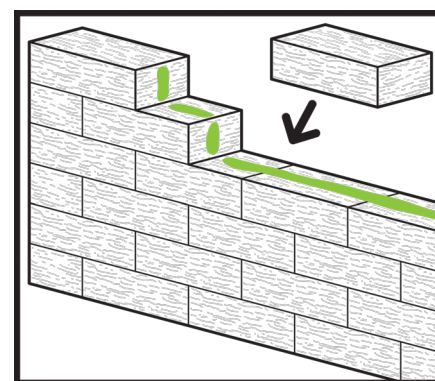
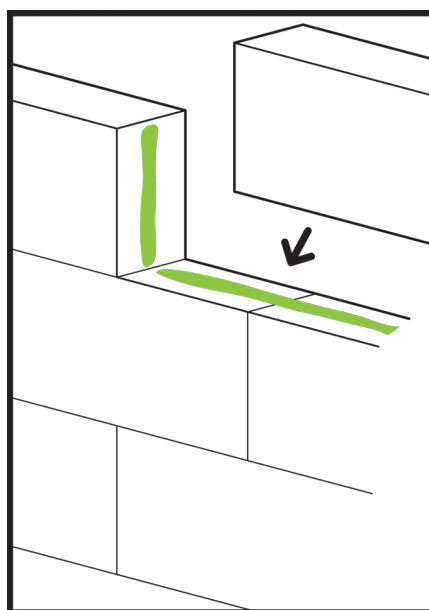
A 750 ml canister will deliver up to 40 linear metres of adhesive (based on a 25 mm wide bead)

Cleaning

Remove excess foam immediately with illbruck PU foam cleaner or acetone. Ensure surface is solvent resistant before cleaning. Cured foam can only be removed mechanically.

Storage

Store in shaded dry conditions between +10°C and +25°C. Store canisters upright.



Technical Data

	Test Method	Result
Composition		Polyurethane Foam
Fire Class	DIN 4102	B3
Limits Canister Temperature		+10°C to +30°C
Limits Ambient Temperature		+5°C to +35°C
Density		20 - 30 kg/m ³
Open Time	3 cm in width at 23°C and 50% RH	8 minutes
Tack Free Time	3 cm in width at 23°C and 50% RH	8 minutes
Cutting Time	3 cm in width at 23°C and 50% RH	24 hours
Loading Time		24 hours
Tensile Strength	DIN 53455	10,000 kPa
Thermal Conductivity		40 mW/m.K
Temperature Resistance		Short Term: -40°C to +130°C Long Term: -40°C to +90°C

Shelf Life

12 months when stored as recommended in original unopened containers.

Health & Safety Precautions

Use only in well-ventilated areas. No smoking. Wear suitable protective clothing. Wear suitable gloves and eye/face protection. Product Safety Data Sheet must be read and understood before use.

Technical Service

Tremco illbruck has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400.

Guarantee / Warranty

Tremco illbruck products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco illbruck written instructions and (b) in any application recommended by Tremco illbruck, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct.

Tremco illbruck Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.

