

Tremco illbruck PU033

(Formerly illbruck PU10)

A ONE COMPONENT, MOISTURE CURING,
POLYURETHANE ADHESIVE FOAM

Key Benefits Summary

- Resistant to decay, heat, water and many chemicals
- More economical than standard adhesion material
- Fills cavities in the process
- Cures within 30-40 minutes
- Loading time after approximately 3 hours
- CFC - HCFC - and HFC - free

PRODUCT INFORMATION

DESCRIPTION

Tremco illbruck PU033 one component adhesive foam is especially suitable for adhering expanded polystyrene insulation boards.

PACK SIZE

750ml

PRODUCT CODE

275009

COLOUR

Green

TECHNICAL INFORMATION

PERFORMANCE (Typical Properties)

Description	Method	Classification
Fire Class	DIN 4102 Part 1	B1
Application Temperature		-10°C to 35°C
Density	LAB015	20-30kg/m ²
Open Time (3cm in width)*	LAB014	10 mins
Tack Free (3cm in width)*	LAB014	10 mins
Cutting Time (3cm in width)*	LAB014	30-40 mins
Loading Time		3 hour
Tensile Strength	DIN 53455	89 kPa
Shear Strength	DIN 53422	32 kPa
Thermal conductivity		36mW/m.k
Temp Resistance Long-Term		-40°C to 90°C
Temp Resistance Short-Term		-40°C to 130°C
Cell Structure		Fine Cell
Water Absorption	EN 1609	0.2% (kg/m ²)
Elongation at Break	DIN 53455	17%

Data measured at 23°C and 50% RH

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USAGE GUIDELINES

SURFACE PREPARATION

- The surfaces must be clear, solid, durable and stable.
- Remove all loose particles, dust and grease.
- If necessary, moisten the surfaces to be adhered to before applying the foam.

METHOD OF APPLICATION

- Shake the canister vigorously for at least 20 times.
- Remove the protective cap from the cannister and place the top end into the adapter of the illbruck PU foam gun.
- Spray one bead of illbruck PU033 Adhesive Foam around the perimeter and in the middle of the back side of the approved insulation material.
- Always handle the canister in a vertical position for best results and make sure the valve is pointed downwards.

COVERAGE RATE

Approximately 35Litres per can.

SHELF LIFE

12 months when stored as recommended in original unopened containers.

HEALTH & SAFETY PRECAUTIONS

The Material Safety Data Sheet (MSDS) must be read and understood prior to use.

TECHNICAL SERVICE

TREMCO has a team of qualified Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information or service and advice, call Customer Service on (02) 9638 2755 or fax (02) 9638 2955.

GUARANTEE/WARRANTY

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

Any information provided by TREMCO in this document in relation to TREMCO's goods or their use is given in good faith and is believed by TREMCO to be appropriate and reliable. However, the information is provided as a guide only, as the actual use and application will vary with application conditions which are beyond our control. TREMCO makes no representation, guarantee or warranty relating to the accuracy or reliability of the information and assumes no obligation or liability in connection with the information. To the extent permitted by law, all warranties, expressed or implied are excluded.