

Cl/SfB	Yt3
CAW Z20	
Uniclass L6739:P7112	

### Description

PU010 is a rapid curing gun grade polyurethane, collapsing foam adhesive.

### Colour

Green

### Packaging

750 ml canisters (12 per carton)

### Technical Information

Property	Test Method	Result
Composition		Polyurethane Foam
Fire Class	DIN 4102	B1
Density	LAB 015	20 - 30 kg/m <sup>3</sup>
Application Temperature:		+10°C to +30°C
Canister Application Temperature:		0°C to +35°C
Ambient Open Time	LAB 014 - 3 cm in width at 23°C and 50% RH	10 minutes
Tack Free Time	LAB 014 - 3 cm in width at 23°C and 50% RH	10 minutes
Cutting Time	LAB 014 - 3 cm in width at 23°C and 50% RH	30 - 40 minutes
Loading Time		3 hours
Tensile Strength		100 kPa
Shear Strength		80 kPa
Thermal Conductivity		40 mW/m.K
Service Temperature - Short Term		-40°C to +130°C
Service Temperature - Long Term		40°C to +90°C
Storage		Store in shaded dry conditions between +10°C and +25°C. Store canisters upright.
Shelf Life		9 months when stored as recommended in original unopened containers.

### 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.



## PU010

### Panel Adhesive



#### Usage / Purpose

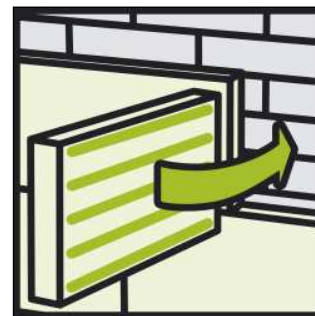
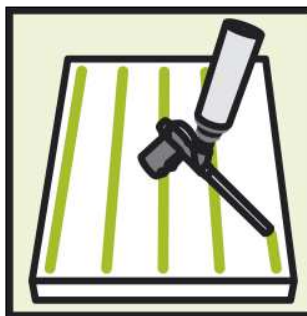
PU010 is a rapid curing gun grade polyurethane adhesive. It is ideal for the rapid installation of plasterboard, insulation or acoustic panels, EIFS, roof decking and similar sheet materials. PU010 is compatible with many common substrates including masonry, concrete, timber and metal.

#### Key Benefits

- An easy to use alternative to mortars and dry wall adhesives
- Ideal for bonding plasterboard, insulation and EIFS panels
- Forms a high strength bond after just 40 minutes
- Expands to fill gaps, cavities and uneven surfaces
- Compatible with a wide range of common building substrates

**Application**

- Shake the canister vigorously at least 20 times. Remove the protective cap and screw onto the illbruck PU foam gun.
- For internal applications: Starting at the middle of the panel, apply a bead of PU010 adhesive across the full width of the board or panel and repeat every 300 mm.
- For external applications (EIFS): Apply a bead of PU010 Panel Adhesive around the perimeter of the surface to be bonded. Then across the full width of the board or panel at 300 mm intervals.
- For best results always work with the canister in a vertical position and keep the valve pointed downwards.
- Move the panel into place and press firmly to ensure a good contact. Hold in position for 2-3 minutes, heavier panels may require additional support during curing.



**Coverage**

A single canister of PU010 is sufficient to bond approximately 5 m<sup>2</sup> of panel.

**Cleaning**

Remove excess adhesive immediately with AA290 PU Foam Cleaner. Ensure surface is solvent resistant before cleaning. Cured adhesive can only be removed mechanically.

**Health & Safety Precautions**

Safety data sheet must be read and understood before use.



**Technical Service**

tremco illbruck has a team of experienced Technical Service Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Service 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 Ltd. reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.



**tremco illbruck Limited**  
Coupland Road, Hindley Green  
WN2 4HT Wigan  
T: +44 1942 251400  
F: +44 1942 251410

info.uk@tremco-illbruck.com  
www.tremco-illbruck.co.uk