

KEY BENEFITS SUMMARY

- A crystal clear hybrid sealant ideal for transparent joint sealing
- Advanced STP hybrid polymer formulation - a green alternative to traditional PU adhesives
- Does not contain solvents or isocyanates - very low odour
- Excellent adhesion to a wide range of materials including metals, glass, PVC and concrete
- Rapid skinning - tack free in approx 5 minutes
- Chemically neutral, low odour and non-corrosive

Not recommended for use on synthetic materials sensitive to stress cracking, Not suitable for constantly submerged joints. Discolouration could occur upon contact with construction materials that contain bitumen or tar.

Colour

Crystal clear

Packaging

290 ml cartridge (20 per box)

Availability

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

USAGE GUIDELINES

Necessary Tools

Standard cartridge skeleton gun and a sharp knife to cut nozzle.

Preparation

- Always carry out a test to confirm compatibility prior to use.
- Surfaces to be bonded must be clean, dry, dust-proof and degreased.
- At least one of the substrates must be porous. Roughen non-porous surfaces.
- On materials such as glass, aluminum, ceramics, lacquered wood, PVC, epoxy and polyester no primer is required. For other materials, please contact Tremco illbruck Technical Services.

Application

- Cut off end of thread with a sharp knife, avoiding damage to the thread. Trim the nozzle to the required diameter.
- Ensure good contact between the joint surfaces before applying adhesive.
- Apply a bead of adhesive to one or both surfaces.

- For larger bond areas, spread the adhesive immediately using a notched spreader.
- Bring the two components together immediately and hold together for at least 5 minutes until sufficient bond strength has developed. Sufficient working strength will normally develop after 5 - 10 minutes.

Cleaning

Remove excess adhesive immediately with Tremco AW421 Industrial Cleaner or acetone. Ensure surface is solvent resistant before cleaning. Cured adhesive can only be removed mechanically.

Coverage

The following table provides guidelines for gauging how much material is necessary depending on joint size.

Joint Size width x depth (mm)	Linear Metres per 290 ml cartridge
5 x 5	11.6
8 x 6	6.0
10 x 8	3.6
15 x 10	1.9
20 x 12	1.2
25 x 15	0.7
30 x 15	0.6

Storage

Store in dry shaded conditions between +5°C and +25°C.

Shelf Life

12 months when stored as recommended in original unopened packaging.

Health and Safety Precautions

Product Safety Data Sheets must be read and understood before use.

PRODUCT INFORMATION

Description

illbruck SP030 is a highly transparent, fast-curing adhesive base on a STP hybrid polymer formulation. It cures to form a flexible bond with excellent resistance to UV and weathering.

Usage/Purpose

The transparent properties of illbruck SP030 make it ideal for use in the sealing/bonding of glass elements where a transparent bond is required. (e.g. bonding glass panes to aluminium or anodised frames (construction of display cases and shopfronts), sealing glass lifts and shower cubicles). This adhesive is compatible with metals and most materials used in construction work.

LIMITATIONS

Not suitable for bonding polyethylene, polypropylene, Teflon® or nylon. May cause discolouration along edges when used on stone.

TECHNICAL INFORMATION

	Test Method	Result
Specific Gravity	DIN 52 451-A	1.04 g/cm ³
Viscosity	EN 27 390, 20 mm profile	0 mm, fixed
Shore A Hardness		29
Shrinkage	DIN 52 451	2.7%
Modulus @ 100%	EN 28 340	0.65 N/mm ²
Elongation at Break	EN 28 340	1.65 N/mm ²
Tear Strength	DIN 53 504 S2	Approximately 0.9 N/mm ²
Elastic Recovery	EN 27 389-B	> 50%
Permitted Total Deformation		20%
Cure Time (at 20°C)		Approximately 4 mm/day
Skinning Time	@23°C and 50% RH	Approximate 5 minutes
Application Temperature		+5°C to +40°C
Service Temperature		-40°C to +80°C

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.