

CI/SfB		Yt3	
CAW P22			
Uniclass L675			

Description

SP030 is a transparent, fast-curing adhesive-sealant based on tremco illbruck's SP polymer formulation.

Colour

Crystal clear

Packaging

310 ml cartridge (12 per carton)

Technical Information

Characteristic	Standard	Classification
Composition		Advanced SP polymer formulation
Specific Gravity	DIN 52451-A	1.04
Consistency	EN 7390 20 mm profile	0 mm, non-sagging
Shore A Hardness	DIN 53505 / ISO 868	30
Shrinkage	DIN EN ISO 10563	2.70%
Modulus at 100 % Elongation	EN 28340	0.6 N/mm ²
Elongation at Break	DIN EN ISO 8339, method A	240%
Elastic Recovery	BS EN ISO 7389	> 50%
Permitted Total Deformation		20%
Cure Time (at 20°C)		~ 3.5 mm/1st day
Skimming Time	@23°C and 50% RH	~10 minutes
Application Temperature		+5°C to +40 °C
Service Temperature		-40°C to + 80°C
Storage	Store in shaded, dry conditions between +5°C and +25°C	
Shelf Life	12 months when stored as recommended in original, unopened containers	

Necessary Tools

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

Protective Equipment

Use in well ventilated conditions and ensure all recommended protective equipment is worn during handling & use of this product. For full recommendation, refer to safety data sheet.

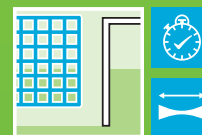
Preparation

- Always carry out a test to confirm compatibility prior to use.
- Surfaces to be bonded must be clean, dry, dust-proof and degreased.
- Roughen non-porous surfaces.
- On materials such as glass, aluminum, ceramics, lacquered wood, PVC, epoxy and polyester, tests have shown that primer may be needed, but not always. For other materials, please contact tremco illbruck Technical Services.



SP030

Fix & Seal Crystal



Usage / Purpose

SP030 cures rapidly to provide a flexible, crystal clear seal. The transparent properties of SP030 make it ideal for use in the sealing/bonding of glass elements in a wide range of interior applications where a transparent bond is required. Typical uses include bonding glass panes to aluminium or anodised frames (construction of display cases, retail units, glass lifts etc). This adhesive is compatible with metals and most materials used in construction work.

Key Benefits

- A crystal clear polymer sealant ideal for transparent bonding
- Advanced SP 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 10 minutes

Fix & Seal Crystal

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.

Coverage

Width x Depth (mm)	Linear metres per 310 ml Cartridge
5 x 5	12.4
8 x 6	6.5
10 x 8	3.9
15 x 10	2.1
20 x 12	1.3
25 x 15	0.8
30 x 15	0.7

Cleaning

Remove excess adhesive immediately with AT115 Cleaner. Ensure surface is solvent resistant before cleaning. Cured adhesive can only be removed mechanically.

Notes

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

When bonding to copper or brass, please consult tremco illbruck technical services for priming details.

Health & Safety Precautions

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.



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