

Cl/SfB	Yt4
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

Property	Test Method	Results
Composition	Advanced SP polymer formulation	Advanced SP polymer formulation
Specific Gravity	DIN 52 451-A	1.04
Consistency	EN 27 390, 20 mm profile	0 mm, non-sagging
Shore A Hardness		28
Shrinkage	DIN 52 451	2.70%
Modulus @ 100%	EN 28 340	0.6 N/mm <sup>2</sup>
Tensile Strength	DIN 53 504 S2	2.0 N/mm <sup>2</sup>
Elastic Recovery	EN 27 389-B	> 50%
Permitted Total Deformation		20%
Cure Time (at 20°C)		Approximately 3.5 mm/day
Skinning Time	@23°C and 50% RH	Approximate 10 minutes
Application Temperature		+5°C to +40°C
Service Temperature		-40°C to +80°C
Storage		Store in dry shaded conditions between +5°C and +25°C.
Shelf Life		12 months when stored as recommended in original unopened packaging.

### Necessary Tools

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

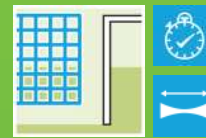
### Preparation

- Always carry out a test to confirm compatibility prior to use.
- Surfaces to be bonded must be clean, dry, dust-proof and degreased.
- 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.



## 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

### 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 meters per 310 ml Cartridge
5 x 5	12.4
8 x 6	6.4
10 x 8	3.8
15 x 10	2
20 x 12	1.2
25 x 15	0.8
30 x 15	0.6

### Cleaning

Remove excess adhesive immediately with AT200 High Strength Cleaner. Ensure surface is solvent resistant before cleaning. Cured adhesive can only be removed mechanically.

### Please Note

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

### 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.



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