

Cl/SfB	Yt3
CAW Z20	
Uniclass L673:	

Description

SP050 is a multi-purpose sealant and adhesive based on tremco illbruck's advanced SP polymer formulation.

Colour

White, grey, black and brown. Other colours available subject to minimum order quantity.

Crystal clear version available, refer to SP030.

Packaging

310 ml cartridge (12 per carton)

Technical Information

Property	Test Method	Result
Composition		Advanced SP polymer formulation
Specific Gravity	DIN 52 451-A	1.6
Consistency	EN 27 390, 20 mm profile	0 mm, non-sagging
Shore A		50
Hardness		
Shrinkage	DIN 52 451	3%
Modulus @ 100%	EN 28 340	1.7 N/mm ²
Tensile Strength	DIN 53 504 S2	2.1 N/mm ²
Elastic Recovery	EN 27 389-B	> 50%
Cure Time (at 20°C)		Approximately 2.5 mm/day
Skinning Time	@23°C and 50% RH	Approximate 17 minutes
Application Temperature		+5°C to +40°C
Service Temperature		-40°C to +90°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.

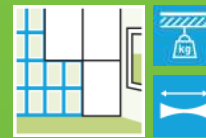
Preparation

- 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, aluminium, ceramics, lacquered wood, PVC, epoxy and polyester no primer is required. For other materials, please contact tremco illbruck Technical Services.



SP050

Fix & Seal Universal



Usage / Purpose

SP050 provides a high strength flexible bond in a wide variety of construction and industrial applications. Typical uses include the bonding of skirting boards, battens, slats, door thresholds, acoustic panels (and similar sheet materials), etc.

Key Benefits

- A green alternative to traditional polyurethane adhesives - does not contain solvents or isocyanates and is very low odour
- Excellent adhesion to a wide range of materials including metals, glass, PVC and concrete
- Tack free in less than 30 minutes
- Excellent weather resistance - suitable for internal and external applications
- Can be overpainted once cured

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 clamp securely together for at least 30 minutes until sufficient bond strength has developed. Sufficient working strength will normally develop after 30 minutes.

Coverage

Width x Depth (mm)	Linear metres 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. Not recommended for sheet laminate. Not recommended for use on synthetic materials sensitive to stress cracking, Not suitable for constantly submerged joints. Do not use as a structural glazing adhesive.

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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