



SP050

Fix and Seal Universal

DESCRIPTION

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

BASIC USES

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.

FEATURES & 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

PACKAGING

310 ml cartridge (12 per carton)

COLOUR

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

LIMITATIONS

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.

CLEANING

Remove excess sealant immediately with a suitable cleaner. Ensure surface is solvent resistant before cleaning. Cured sealant can only be removed mechanically.

DIRECTIONS FOR USE

Preparations

- 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 our Tremco CPG APAC Technical representative.

Application

- Cut to 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

WARRANTY

Tremco CPG APAC products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG APAC written instructions and (b) in any application recommended by Tremco CPG APAC, 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 CPG APAC reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.

PROPERTY	TEST METHOD	TYPICAL VALUES
Composition		Advanced SP polymer formulation
Specific Gravity	DIN 52 451-A	1.6
Consistency	EN 27 390, 20 m profile	0 mm, non-sagging
Shore A Hardness		50
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 if stored as recommended in original unopened packaging.	

To find your local office address and contact details, visit

www.tremcocpg-asiapacific.com

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