

CI/SfB
CAW
Uniclass

Description

SP670 is a one component gun grade sealant based on illbruck hybrid technology for the protection and sealing of metal profile connections and mitre joints.

Colour: Transparent

Packaging

- 310 ml Cartridge (12 per carton)

Technical data

Property	Test Method	Approximate Values
Specific Gravity	DIN 52451-A	1.06 g/cm ³
Consistency	EN ISO 7390 20	0 mm, Non-Sagging
Film Formation Time	@ 23 °C / 50 % RH	90 minutes
Cure Velocity	@ 23 °C / 50 % RH	3.5 mm / 1st Day
Shore A Hardness	DIN 53505 / ISO 868	29
Tensile Strength @ 100% Elongation	DIN 53504 S2	0.8 N/mm ²
Tensile Strength at Break	DIN 53504 S2	1.2 N/mm ²
Elongation at Break	DIN 53504 S2	150%
Volume Shrinkage	EN ISO 10563	3%
Application Temperature		+5°C to +40°C
Service Temperature		-40°C to +90°C
Storage		Store in original packaging, in shaded dry conditions between +5°C and +25°C
Shelf Life		12 Months

Preparation

Surface Preparation:

- Substrate surfaces must be clean, dry, dust free and free of grease.
- To remove grease or dust from metal surfaces, clean with AT200 cleaner.
- For sensitive substrates like powder-coated surfaces, cleaning can be achieved using the milder AT115 cleaner.
- Good adhesion can be achieved on many substrates without the use of a primer as a pre-treatment but primer recommendations should be followed where required (consult illbruck to check substrate primer requirement).
- Always carry out preliminary testing to confirm compatibility of sealant to substrate, particularly in the case of powder coatings, prior to use.

Usage Guidelines

Apply SP670 evenly and without air bubbles into the joint using a manual or electric sealant gun, can also be brush or roller applied.

Smooth the surface within the film formation time.

Do not expose the sealant to any thermal or chemical stress until the surface film skin is formed.



SP670

SMALL JOINT SEAL



For the sealing of mitre joints in aluminium window profiles and small connecting joints of metal profiles. Typical applications include joints in windows, doors, garden frames, porch and patio roofing. Also provides corrosion protection for cut edges of metal profiles.

Benefits

- Highly transparent, no visible sealant or residue, complements and preserves the aesthetic of coloured metal profiles
- Retains transparency and does not discolour when there is contact with water
- Flexible with low shrinkage properties for an assured seal in application
- Low VOC formulation, silicone, isocyanate and solvent free with low odour
- Good adhesion on aluminium and metal profiles, including powder coated
- Low viscosity for ease of application, apply by gun, brush or roller
- Compatible with illbruck PU038 adhesive for corner-bonding

Health + Safety Precautions

Product and safety data sheets must be carefully read and understood before the product is used.

Technical Service

Tremco CPG UK Ltd 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 CPG UK Ltd products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco

CPG UK Ltd written instructions and (b) in any application recommended by Tremco CPG UK Ltd, 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 UK Ltd 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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