

CI/SfB		Yt3	
CAW Z20			
Uniclass L673			

Description

SP150 is a single component hybrid adhesive based on advanced SP hybrid polymer formulation.

Colour

White

Packaging

600 ml foils (20 per box)

Technical Information

Characteristic	Test Method	Result
Specific Gravity	DIN 52451-A	~ 1.6 g/cm ³
Resistance to flow/ non-sag	DIN EN ISO EN 7390, 20 mm profile	0mm, non-sagging
Shore A Hardness	DIN 53505 / ISO 868	~ 55
Shrinkage	DIN EN ISO 10563	~ 3.4%
Modulus @ 100%	DIN 53504 S2	2.0 N/mm ²
Tensile Strength	DIN 53504 S2 DIN EN ISO 8339-A	~2.2 N/mm ² 1.5 N/mm ²
Elastic Recovery at 100% Elongation	EN ISO 7389-B	~ 90%
Elongation at Break	DIN EN ISO 8339	~ 120%
Shear Strength	ISO 1465	~ 1.2 N/mm ²
Cure Time	At 23°C / 50% RH	~ 3 mm / 1 st day
Skinning Time	At 23°C / 50% RH	~ 20 minutes
Application Temperature		+5°C to +40 °C
Service Temperature		-40°C to + 90°C
Storage	Store in shaded conditions between +5°C and +25°C	
Shelf Life	12 months when stored as recommended in original, unopened packaging	

Preparation

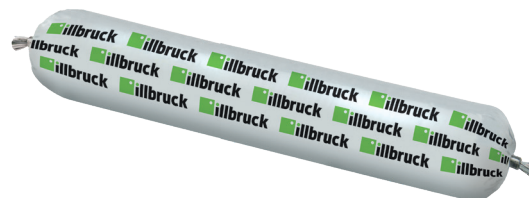
- Always carry out a test to confirm compatibility prior to use.
- Surfaces to be bonded must be clean, dry, dust-free and degreased.
- Roughen non-porous surfaces.
- On materials such as glass, aluminium, ceramics, lacquered wood, PVC, epoxy and polyester no primer is required. For other materials, please contact CPG UK Technical Services.

Necessary Tools

- Sausage gun and sharp blade/knife.

Cleaning

- Remove excess adhesive immediately with AW421 Industrial cleaner or acetone.
- Ensure surface is solvent resistant before cleaning.
- Cured adhesive can only be removed mechanically



SP150

High Tack Hybrid Adhesive

Usage / Purpose

SP150 provides a high strength flexible bond in a wide variety of construction and industrial applications. It is ideal for use in ship-building, transportation and modular construction. It is also widely used in construction for the bonding of skirting boards, slats, door thresholds, mirrors, acoustic panels, etc.

Key Benefits

- A green alternative to traditional polyurethane adhesives- does not contain solvents or isocyanates and is very low odour
- Exceptionally high grab and rapid strength build up
- Reduces the need for mechanical fixings
- Excellent adhesion to a wide range of materials including metals, glass, PVC and concrete.
- Tack free in approx. 15 minutes
- Excellent weather resistance- suitable for internal or external applications
- Can be overpainted once cured
- Very good tooling properties

Adhesion Table

ABS	AT150
Acrylic glass (PMMA)	-
Aluminium	+
Anodised Aluminium	+
Brick	AT140
Concrete	AT140
Fibre Cement	+
Glass	+
Hot Dip Galvanized Steel	+, AT150
Iron	+, AT150
Polyamide	AT150
Polycarbonate	-
Polyester (GRP)	+
Polypropylene	-

+ good adhesion can normally be expected without primer

_ SP150 is not recommended on this substrate. This is a general rule on substrates like polyethylene, silicone, butyl rubber, neoprene, EPDM, bituminous or tar containing substrates.

Limitations

Not suitable for bonding polyethylene, polypropylene, Teflon® or nylon. Not recommended for bonding sheet laminate or for use on synthetic materials. Not recommended for use on synthetic materials sensitive to stress cracking. Do not use as a structural glazing adhesive. If used on natural stone, staining of the edges cannot be discounted.

Availability

Direct from Tremco CPG UK or via local and national distributors

Health & Safety Precautions

Safety data sheet must be read and understood before use.

Technical Service

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

accordance with Tremco CPG UK Limited written instructions and (b) in any application recommended by Tremco CPG UK Limited, 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 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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