

Cl/SfB		Yt3	
CAW Z20			
Uniclass L673			

Description

SP036 is a multi-purpose adhesive/sealant based on tremco illbruck's advanced SP polymer formulation.

Colour

White, grey, black.

Packaging

310 ml cartridges (12 per carton)

600 ml sausages (20 per carton)

Technical Information

Characteristic	Standard	Classification
Specific Gravity	DIN 52451-A	1.6
Fire Classification	EN 13501 part 1 (2007):	class E
Consistency	EN 27390 20 mm profile	0 mm, non-sagging
Tack Free Time at 23 °C/50 % R.H.		approx. 20-25 min.
Cure Rate		approx. 3.0 mm /1st day
Volume Shrinkage	DIN 52451	3%
Modulus at 100 % Elongation	DIN 53504 S2	0.5 N/mm ²
Tensile Strength	DIN 53504 S2	approx. 1.2 N/mm ²
Elongation at Break	DIN 53504 S2	approx. 380%
Modulus at 100 % Elongation	DIN EN ISO 8339, method A	0.45 N/mm ²
Tensile Strength	DIN EN ISO 8339, method A	0.7 N/mm ²
Elongation at Break	DIN EN ISO 8339, method A	240%
Recovery	DIN EN ISO 7389, method B	70%
Shore A Hardness	DIN 53505	33
Application Temperature		+5°C to +40 °C
Service Temperature		-40°C to + 90°C
Storage		Store in shaded, dry conditions between +5°C and +25°C
Shelf Life		12 months when stored as recommended in original, unopened containers

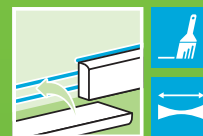
Surface Preparation

- May be applied to damp substrates.
- For optimum adhesion, surfaces should be clean, dry, sound and free of contamination.
- Always carry out a test to confirm compatibility prior to use.
- Refer to the adhesion table below for primer recommendations. For other materials, please contact tremco illbruck Technical Services.



SP036

Fix & Fit Adhesive & Sealant



Usage / Purpose

SP036 provides a strong and flexible bond for typical fit out applications such as skirting boards, dado rails, signage and other fixtures & fittings. It can be used on most construction materials, both porous and non-porous, including materials sensitive to solvent attack such as polystyrene. Suitable for internal & external application and may be applied to damp substrates. Its good tooling properties and over-paintability mean it can be used as a caulking agent as well as an adhesive.

Key Benefits

- Bonds and seals most construction materials
- Over paintable once cured
- Flexible
- Resistant to weather & ageing
- Suitable for internal & external applications

Fix & Fit Adhesive & Sealant

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.
- To bond larger components, apply parallel adhesive beads with a distance of approx. 10 cm so that after joining the parts an aerated gap remains between the beads.
- If used with metals, the maximum width should not exceed 12 mm.

Adhesion Table

ABS	+, AT150
Acrylic glass (PMMA)	+, AT150
Aluminium	+
Brass	+
Concrete	AT140
Copper	+
Electrically anodized aluminium	+, AT150
sGlass	+
PVC rigid	+, AT150, AT160
Hot dip galvanized metal	+
Iron	+
Polyamide	+
Polyester (reinforced with glass fibers)	+
Polypropylene	-
Polystyrene	+, AT150, AT160
Powder coating	Test for every single case
Roof tiles	AT140
Sanitary acrylic	+, AT150
Stainless steel	+, AT150
Tiles	+
Tiles, back side	AT140

The above recommendations refer to applications with normal weathering load. Due to the numerous possible variations of substrates they only can be used as a guideline:

+ no primer necessary

+, . . . tests have shown, that sometimes, but not always primer is needed.

This depends on the real loads in the application, the exact composition of the neighbouring components as well as on the structure of the adhesion surfaces. As it is difficult to predict these influences, it is advisable to conduct preliminary adhesion tests, especially when not using a primer.

Cleaning

For cleaning of uncured SP036, appropriate cleaners are available. Fully cured material only can be removed mechanically.

Notes

Staining can occur if used on natural stone. It is not recommended for application to the back of mirrors, to plastics that are sensitive to stress cracking or where lasting exposure to water is possible. Contact with bituminous or tar containing surfaces can lead to discoloration.

Health & Safety Precautions

Safety data sheet must be read and understood before use.

Technical Service

tremco illbruck 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 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 information provided in this leaflet although it is published in good faith and believed to be concerned. tremco illbruck Limited reserves the right to alter product specification without prior notice, in line with Company policy of continuous development and improvement.



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