

CI/SfB	(43)	Yt3
CAW Z20		
Uniclass L6739:P7102		
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KEY BENEFITS SUMMARY

- Non-flammable
- Compatible with most floor coverings and systems
- Strong initial tack
- Easy to apply
- Strong permanent bond
- Suitable for hospitals and operating theatres
- Suitable for computer floors
- Suitable for high risk explosive factories

PRODUCT INFORMATION

Description

Tremco SF106 Conductive Acrylic Adhesive is a conductive flooring adhesive.

Usage / Purpose

Tremco SF106 Conductive Acrylic Adhesive has been developed for the bonding of:

- conductive and anti-static PVC floor coverings to smooth, dry, sound, absorbent substrates, in accordance with BS 2050
- bonding certain anti-static carpets in computer room applications.

LIMITATIONS

Tremco SF106 Conductive Acrylic Adhesive is not recommended for bonding to metal access flooring and other impervious subfloors (contact Tremco for details).

Colour

Black

Environmental Considerations

Tremco SF106 Conductive Acrylic Adhesive is a non-flammable, water-borne adhesive.

Packaging

15 litre polythene pail

Availability

Direct from Tremco illbruck (see back of leaflet for address and telephone details) or via local and national distributors.

TECHNICAL INFORMATION

Composition

A one part acrylic co-polymer non-flammable, low toxicity emulsion with added conductive carbon.

Characteristics (Typical Values)

SOLIDS CONTENT

60% ± 1%

DENSITY (at +25°C)

1.00 - 1.02

FLASH POINT

None

Performance (Typical Values)

OPEN TIME

10-25 minutes or up to 60 minutes for the double drop method, depending upon prevailing conditions

FINAL BOND

2 - 3 days

SURFACE RESISTANCE OF APPLIED ADHESIVE (at 500 Volts DC To BS 2050)
Below 30,000 ohms across surface

VOLUME RESISTANCE (at 500 Volts DC To BS 2050)

Below 10,000 ohms

SERVICE TEMPERATURE RANGE

-20°C to +60°C

USAGE GUIDELINES

Standards

All aspects of the installation must be in accordance with the requirements of BS8204, BS8203 (Installation of Resilient floorcoverings) or BS5325 (Installation of Textile floorcoverings) and supplementary specifications.

Surface Preparation

- Site conditions must comply with British Standards CP 102, BS 8203, BS 5325 and supplementary specifications.
- The surfaces must be sound, clean, dry and free from oil, grease, paint, excessive dust and other contaminants liable to impair adhesion.
- Concrete and sand/cement screeds must be fully cured and free from laitance.
- An effective damp proof membrane must be included in ground to earth situations.
- Non-absorbent surfaces must be skimmed with an approved cementitious smoothing underlayment 3mm thickness (refer to manufacturers' recommendations).
- Underfloor heating must have been fully commissioned as per manufacturers instructions and must be switched off 48 hours before and during installation. The heating must be switched on 48 hours after completion but then only gradually as per the commissioning schedule. Consult the Technical Department for a full specification.

SF106

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Priming

- Very porous or dusty surfaces should be primed with Tremco SF106 Conductive Acrylic Adhesive, diluted 1:1 with clean water.

Method of Application

- The adhesive should be thoroughly stirred before use.
- Spread evenly using a 1.5 mm x 5 mm notched trowel.
- Only spread sufficient adhesive which can be covered within the open time.
- Lay the floor covering into the semi-wet adhesive (approximately 10 - 25 minutes depending on prevailing conditions).
- Press firmly from centre to exclude air and to ensure overall contact.
- Roll immediately in both directions using a standard 68 kg flooring roller.
- For best results a second rolling is recommended.

DOUBLE DROP METHOD

- The "double drop" laying technique is recommended by some manufacturers as a standard practice.
- Spread the adhesive then place the floor covering into the wet adhesive, roll to ensure transference to the back of the covering and roll back to expose both coatings.

- Allow the adhesive to stand for approximately 30 - 45 minutes depending on prevailing conditions. The surface of the adhesive film should be allowed to go tacky.
- When the adhesive is in a tacky state, place the flooring carefully back into position and roll with a 68 kg flooring roller as before.

NOTE: When fixing to a brass foil grid system care should be taken not to trap the adhesive water between the impervious surface of the brass and PVC.

Coverage Rate

3 - 4 m² per litre.

Cleaning

Before adhesive hardens, use warm water to remove surplus adhesive and to clean tools. Dry adhesive can be removed with Tremco AW421 Heavy Duty Cleaner (flammable).

Health & Safety Precautions

Product Health and Safety Data Sheet must be read and understood before use.

Storage

- Store at minimum temperature of +5°C in shaded dry conditions. This adhesive is not resistant to frost.
- Rotate stocks using oldest material first.

Shelf Life

9 months when stored as recommended in original unopened containers.

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 Services 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 Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.