

CI/SfB	(43)	Yt3
CAW Z20		
Uniclass L6733:P7112		
August 2010		

KEY BENEFITS SUMMARY

- Strong permanent bond
- Solvent free
- Good water resistance
- A good general purpose adhesive
- Easy to apply

PRODUCT INFORMATION

Description

Tremco SF600 Multi-purpose Polyurethane Adhesive is a two part polyurethane adhesive formulated for ambient temperature cure.

Usage / Purpose

Tremco SF600 Multi-purpose Polyurethane Adhesive is designed for the permanent bonding of a wide range of floorcoverings including:

- synthetic rubber
- PVC
- wood

Colours

Part 1 - Resin: Off white
Part 2 - Hardener: Brown

Environmental Considerations

Tremco SF600 Multi-purpose Polyurethane Adhesive is solvent free.

Packaging

Supplied in two part 5 litre (7.18 kg) units. Consisting of Part 1 - Polyol 6 kg in a plastic pail and Part 2 - Hardener 1.18 kg in a screw neck tin.

Availability

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

TECHNICAL INFORMATION

Composition

A two part polyurethane based adhesive.

Characteristics (Typical Values)

SPECIFIC GRAVITY (at +25°C)
1.45 (mixed)

FLASH POINT
> 200°C

Performance (Typical Values)

MIXING RATIO
5.1:1 by weight

WORKING LIFE (at +20°C)
Up to 1 hour depending on site conditions

INITIAL HARDENING TIME (at +20°C)
24 hours depending on site conditions

FULL STRENGTH (at +20°C)
Up to 7 days depending on site conditions

APPLICATION TEMPERATURE RANGE
+4°C to +30°C

SERVICE TEMPERATURE RANGE
-20°C to +85°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

- The surface should be firm, sound, clean, dry and free from contaminants liable to impair adhesion.
- Metal substrates must also be pre-wiped with Tremco AW421 Heavy Duty Cleaner (flammable). Allow solvents to evaporate.
- 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.
- Site conditions must comply with British Standards CP 102, BS 8203, BS 5325 and supplementary specifications.
- Some rubber floorcoverings may require pre-wiping with Tremco AW421 Heavy Duty Cleaner (flammable) to remove release agents from the back of the flooring. Refer to manufacturers recommendations. Use within 4 hours of pre-wiping.

Mixing

- Tremco SF600 Multi-purpose Polyurethane Adhesive is a two part adhesive that hardens by chemical reaction. It is essential that both parts are mixed thoroughly to a smooth paste, uniform in colour.
- It is essential that the mixing instructions are strictly followed.
- Transfer Part 2 into Part 1 container.
- Using a slow speed drill, fitted with a two bladed propeller, mix the contents for two to three minutes to obtain uniformity of colour and consistency. Avoid mixing with high speed mixers due to excessive heat build-up.

SF600

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Method of Application

- Having mixed the adhesive, spread evenly using a "V" notched trowel, size 1.5 mm x 5 mm for smooth backed rubber and 2 mm x 6 mm for coned or preduncled backed rubber.
- All hollows in this type of backing must be completely filled ("buttering" may be necessary).
- Place the floorcovering carefully into position and roll immediately with a 68 kg flooring roller in both directions unless otherwise stated by the manufacturer.
- Keep free of foot traffic until the adhesive has set (12 to 72 hours).
- Laying at low temperatures causes the adhesive to thicken, making it more difficult to spread, thus reducing coverage and extending the curing time.
- Polyurethane adhesives are slow to cure. It is essential that the back of the floor covering remains in contact with the adhesive until cured. Some weighting down may be necessary.

Coverage Rate

4 to 5 m² per litre using 1.5 mm x 5 mm serrated trowel (smooth flooring).
6 to 8 m² per litre using European A5 serrated trowel (smooth flooring).
Coverage when bonding solid wood flooring is typically 10 m² per pack.

Cleaning

Clean tools, etc., and remove surplus adhesive using Tremco AW421 Heavy Duty Cleaner (flammable). Cured adhesive is difficult to remove.

Health & Safety Precautions

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

Storage

- Store between +5°C and +25°C.
- Rotate stocks using oldest material first.

Shelf Life

6 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.