

# SF512

## WATER RESISTANT ADHESIVE - PVC & RUBBER



### KEY BENEFITS SUMMARY

- Solvent free, isocyanate free and low VOC
- High strength, elastic bond
- Good heat, chemical and water resistance
- Bonds to porous and non porous substrates including aluminium, plywood, concrete and sand / cement screeds
- Suitable for contact bonding of rubber covings & skirtings

### PRODUCT INFORMATION

#### Description

SF512 is a single component product derived from advanced MS polymer technology, for use with PVC & rubber flooring.

#### Usage/Purpose

SF512 has been specially developed for bonding PVC and rubber floor coverings to a wide range of substrates, including;

- concrete substrates
- cementitious substrates
- metal substrates
- plywood substrates.

For use in applications:

- in areas of high risk where public safety is a priority
- where heat and/or chemical resistance is required
- where solvents and hazardous chemicals are not allowed
- where immediate grab is required such as traditional contact adhesive applications.

#### Colour

Beige

#### Packaging

6 litre tins

#### Standards

All aspects of the installation must be in accordance with the requirements of BS 8204, BS 8203 (Installation of Resilient Floor Coverings) or BS 5325 (Installation of Textile Floor Coverings) and supplementary specifications.

#### Protective Equipment

Use in well ventilated conditions and ensure all recommended protective equipment is worn during handling & use of this product. For full recommendation, refer to safety data sheet.

#### 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, dust and other contaminants liable to impair adhesion.
- Concrete and sand/cement screeds must be fully cured and free from laitance.
- Direct to earth subfloors must incorporate an efficient damp proof membrane.
- Under floor heating must have been fully commissioned as per manufacturer's instructions and must be switched off 48 hours before and during installation. The heating should be switched on 48 hours after completion but then only gradually as per the commissioning schedule. Consult tremco illbruck's Technical Department for a full specification.

#### Priming

Ensure substrate is suitable for the adhesive before application.

#### Application

WET LAY ADHESIVE

- Stir the adhesive before use and apply an even continuous coating, using an A2 or 1.5 mm x 5 mm 'V' notched trowel.
- With some rubber floor coverings, it is recommended that the adhesive is applied to the floor with the 'V' notched trowel and to the back of the rubber with a flat spreader. Refer to the Flooring Manufacturer's instructions. For vertical surfaces, a bristle brush application may be convenient.
- Place the materials accurately into position and press firmly to exclude air and ensure overall contact. On horizontal surfaces, roll in both directions using a 68 kg flooring roller.
- For rubber tiles or sheet with a thickness up to 3 mm, use SF108. Thickness greater than 3 mm, use SF600 or SF512.

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### Cleaning

Use water immediately after use.

### Health & Safety Precautions

Safety data sheet must be read and understood before use.

### Availability

Direct from tremco illbruck (see back of leaflet for address and telephone details) or via approved distributors.

### 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.

### TECHNICAL DATA

PROPERTY	RESULT
Composition	SF512 Water Resistant Adhesive for PVC & Rubber is an advanced MS-hybrid-polymer elastic adhesive
Specific Gravity	1.36
Application Temperature Range	+4°C to +30°C
Service Temperature	-20°C to +60°C
Coverage	Up to 30 m <sup>2</sup> per 6 L unit using a 1.5 x 5 mm notched trowel
Drying Time	20 minutes initial skinning over
Final Bond Strength	24 to 48 hours
Tensile Strength (DIN 53504 S2)	2.0 N/mm <sup>2</sup>
Storage	Store in dry conditions between +5°C and +25°C
Shelf Life	12 months from manufacturing date, when stored as recommended in original unopened containers



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