

# SF108 (PVC)

## PRESSURE SENSITIVE ACRYLIC ADHESIVE



### KEY BENEFITS SUMMARY

- Solvent free, low toxicity and non-flammable
- Thermo-welding same day with dry bond method
- Can be applied direct to clean impervious surfaces
- Guaranteed no serration marks
- Compatible with a wide range of vinyls including the highly plasticised types



### PRODUCT INFORMATION

#### Description

SF108 is a pressure sensitive adhesive for vinyl floor and wall coverings.

#### Usage/Purpose

SF108 is used for bonding PVC floor, wall and ceiling coverings and bonding rubber floor coverings (see separate data sheet for SF108 Rubber).

#### Packaging

5 and 15 litre polythene pails

#### 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.

#### Accreditations

- EC1
- The tested product complies with the requirements of BREEAM (2008); EN 13999.

#### 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.
- Underfloor heating must have been fully commissioned as per manufacturers 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 the Technical Department for a full specification.

#### Priming

- Porous surfaces MUST be primed with SF108 adhesive diluted 1:1 with clean water, by paint roller and allow to dry.
- Apply the mixed primer to the prepared substrate and allow to dry.

#### Application

The adhesive must be thoroughly stirred before use.

#### PVC FLOOR COVERING

- Spread the adhesive evenly using a notched trowel (1.5 mm x 5 mm for PVC floor coverings).
- Immediately roll with a long handled paint roller which has been wetted with the adhesive. Smooth out the trowel serration marks to give a uniform smooth appearance. Allow the adhesive to dry until it takes on a clear appearance.
- On smooth even subfloors the adhesive can be applied direct with a paint roller if a uniform coating can be achieved.
- Place the floor covering accurately in position and roll with a 68 kg flooring roller in both directions.

#### Traditional Application For Porous Substrates

- Spread with a 1.5 mm x 5 mm notched trowel and lay flooring into semi wet adhesive.

#### PVC WALL CLADDING (POSITIVE PRESSURE CLEAN ROOMS)

- For negative pressure clean rooms, consult tremco illbruck's Technical Department.
- Apply to clean, dry plaster or plasterboard.
- Prime the areas of plastered wall with SF108 adhesive diluted 1:1 with clean water and allow to dry.
- Prime the areas of plastered ceiling with a neat coat of SF108 and allow to dry.
- Spread SF108 with a paint roller to the prepared surfaces and allow to dry. The adhesive will change from a white colour to translucent.

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- Carefully place the pre-fitted PVC wall cladding into position on the DRY adhesive and firm in. Roll with a flooring grade hand roller from the centre outwards to exclude air. A second rolling will be necessary.

### DOUBLE STICK BONDING

- With certain vinyls it may be necessary to double stick at the top edge to give extra support on the horizontal and at pressure points.
- Apply SF115 to the back of the vinyl, approximately 150 mm deep at the edge and to the corresponding points on the wall including any pressure points, and allow it to become touch dry.
- Carefully place on to the DRY SF108 adhesive and firm in.

### Cleaning

Before adhesive hardens, use warm water to remove surplus adhesive and clean tools. Dry adhesive can be removed with a solvent based, heavy duty cleaner - contact tremco illbruck for details.

### Please Note

SF108 is not recommended for wet areas unless all joints are sealed.

Not recommended for wall applications in wet rooms, bathrooms or shower rooms.

SF108 adhesive should never be exposed to humidity greater than 75%. SF108 Pressure Sensitive Acrylic Adhesive is not recommended for wet areas unless all joints are sealed.

### 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 DATA

PROPERTY	RESULT
Composition	A one part acrylic co-polymer emulsion
Open Time/Workability (at +20 °C)	3 days (provided the surface is kept free of dust and contamination)
Specific Gravity	1.01 - 1.05
Flash Point	None
Application Temperature Range	+4°C to +30°C
Service Temperature	-20°C to +60°C
Coverage	Up to 7.5 m <sup>2</sup> per litre
Solids Content By Weight	60% ± 1%
Dry Tack Time	Pressure sensitive dry film
Storage	Store between +5°C and +30°C DO NOT ALLOW TO FREEZE
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.



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