



# STYCCOBOND F57

## Fibre-Filled Conductive Adhesive

### INTRODUCTION

**STYCCOBOND F57** is a solvent free, carbon fibre-filled conductive adhesive, which is designed to give a high bond strength, strong initial tack, a long open time and good plasticiser resistance. It is protected against biodegradation and is suitable for use over normal underfloor heating installations.

STYCCOBOND F57 can be used for securing a wide range of conductive/antistatic PVC and some textile backed floorcoverings.

See the **F. Ball Recommended Adhesives Guide** for details of specific floorcoverings. For products not listed in the Recommended Adhesives Guide, please contact the floorcovering manufacturer or the F. Ball Technical Department.

STYCCOBOND F57 can be applied to STOPGAP smoothing compounds, structurally sound, smooth, dry subfloors of concrete and sand/cement screed and flooring grade plywood.

STOPGAP waterproof surface membranes, sound flooring grade asphalt and other non-absorbent surfaces must be skimmed with a minimum of 3mm of the appropriate STOPGAP smoothing compound.

For details on other subfloors, contact our Technical Service Department.

### TECHNICAL INFORMATION

Colour	Grey
Consistency	Viscous Liquid
Coverage rate (Approx.)	Up to 4m <sup>2</sup> per litre using a STYCCOBOND 2mm x 6mm 'V' notched trowel
Open time	Up to 45 minutes depending on temperature, humidity and absorbency of the subfloor

### COVERAGE

PACK SIZE	TROWEL SIZE	COVERAGE PER UNIT
15 litres	2mm x 6mm	60m <sup>2</sup>

Coverage rates will depend on the condition and absorbency of the subfloor

### FEATURES

- Specifically developed for use in conductive floor installations
- Strong initial tack
- High bond strength

### STANDARDS

All aspects of the installation of floorcoverings should be in accordance with the requirements of the relevant British Standard Code of Practice BS 8203 (Installation of resilient floorcoverings) and supplementary specifications.

The installation of conductive floorcoverings is often subject to specifications issued by D.O.H., M.O.D. or other specifying authorities.

Both these and instructions issued by the floorcovering manufacturer must be complied with.

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## SURFACE PREPARATION

Proper subfloor preparation is essential for the correct installation of any floorcovering. Subfloors must be structurally sound, smooth, dry (<75% RH) and free from laitance and any contaminants which will affect adhesion. Use STYCCOCLEAN C140 for removing grease, oil, polish, soap etc. from non-absorbent substrates.

Concrete and sand/cement screeds must be fully cured and any laitance or surface treatments must be removed. The temperature of the floor must be maintained above 10°C throughout the application and drying of the adhesive. Underfloor heating must be off for at least 48 hours before, during and after application.

For detailed information, request the **F. Ball Subfloor Preparation Guide**.

## DAMP SUBFLOORS

The Relative Humidity (RH) of the subfloor can be measured using the F. Ball Digital Hygrometer. Where the RH value is greater than 75% the appropriate STOPGAP waterproof surface membrane should be applied.

## SMOOTHING

To ensure a level surface on which to adhere to, uneven and irregular surfaces should be suitably prepared using the appropriate STOPGAP smoothing compounds.

## PRIMING

Highly absorbent subfloors such as sand/cement screeds and plywood etc. may cause rapid drying of the adhesive, thus reducing the open time. Use STOPGAP P131 diluted 4 parts of clean cold water and stir until thoroughly dispersed. This should be allowed to dry thoroughly before proceeding with the installation.

Dry and suitably prepared calcium sulphate screeds e.g. anhydrite must be primed with neat STOPGAP P121.

## ADHESIVE APPLICATION

### STIR WELL BEFORE USE

Holding the trowel at an angle of 60°, spread the adhesive evenly over an area of subfloor that can be covered whilst the adhesive remains receptive and gives good transfer. Allow the adhesive to partially dry to a paste consistency before laying the floorcovering.

Following the floorcovering manufacturers installation instructions lay the floorcovering into the adhesive and press from the centre outwards to exclude air and ensure overall contact with the adhesive. Roll with the 68kg flooring roller, from end-to-end and side-to-side to ensure overall contact.

Thirty minutes later when the floor has been completely covered, roll as necessary to ensure overall contact is maintained.

## PRECAUTIONS

Do not apply loads or move furniture on the floorcovering until the adhesive has fully set.

Do not weld vinyl floorcoverings until the adhesive has had sufficient time to develop a good bond, normally 24 hours. Wet cleaning can take place 7 days after floorcovering installation.

## TOOLS

- STYCCOBOND 2mm x 6mm 'V' notched trowel
- F. Ball 68kg flooring roller
- Trimming Knife
- Tools should be cleaned with warm soapy water while the adhesive is still wet

## STORAGE

Store between 5°C and 30°C. Protect from frost.

## PACK SIZE

15 litre bucket

## SHELF LIFE

12 months in unopened containers stored under good conditions

## HEALTH & SAFETY

This product is not classified. Relevant safety data sheets and advice given can be found at [www.f-ball.com](http://www.f-ball.com).

Alternatively these can be obtained from the point of purchase or from F. Ball and Co. Ltd. at the address below.

Site conditions vary, to ensure this product is suitable and to confirm this data sheet is current please contact our Technical Service Department.



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