



STYCCOBOND F45

Vinyl Floorcovering Adhesive

INTRODUCTION

STYCCOBOND F45 is a non-staining co-polymer emulsion adhesive having particularly good resistance to PVC plasticisers that will also withstand normal wet cleaning techniques. It is protected against bio-degradation and is suitable for use over normal underfloor heating installations.

STYCCOBOND F45 can be used for securing a wide range of highly plasticised vinyl floorcoverings and PVC backed carpets.

See the **F. Ball Recommended Adhesives Guide** for details of specific floorcoverings.

STYCCOBOND F45 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 compounds.

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

FEATURES

- Excellent resistance to plasticiser migration
- Non-staining
- Suitable with underfloor heating

STANDARDS

All aspects of the installation of floorcoverings should be in accordance with the requirements of the relevant British Standard Code of Practice i.e. BS 8203 (Installation of resilient floorcoverings) or BS 5325 (Installation of textile floorcoverings) and supplementary specifications.

TECHNICAL INFORMATION

Colour	White
Consistency	Creamy
Coverage rate (Approx.)	Up to 4m ² per litre with a STYCCOBOND 1.5mm x 5mm 'V' notched trowel OR STYCCOBOND A2 trowel
Open time	Up to 30 minutes depending on temperature, humidity and absorbency of the subfloor

COVERAGE

PACK SIZE	TROWEL SIZE	COVERAGE PER UNIT
15 litres	A2	60m ²
15 litres	1.5mm x 5mm	60m ²
5 litres	A2	20m ²
5 litres	1.5mm x 5mm	20m ²

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

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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 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 STOPGAP P121 - refer to STOPGAP P121 data sheet for further information.

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 dry to a paste like consistency then place the floorcovering whilst the adhesive will transfer and the trowel marks flatten when rolled.

Roll floorcoverings from end-to-end and side-to-side using a 68kg roller. 1 to 4 hours later, roll again in two directions.

PRECAUTIONS

Curled floorcoverings may need weighting to maintain contact with the adhesive until it has dried.

Do not weld vinyls until the adhesive has had sufficient time to develop a good bond, normally 24 hours.

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

TOOLS

- STYCCOBOND 1.5mm x 5mm trowel
- STYCCOBOND A2 trowel
- F. Ball 68kg roller
- 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
5 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.

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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FOR FURTHER INFORMATION ABOUT F. BALL PRODUCTS OR MORE DETAILED TECHNICAL ASSISTANCE, VISIT F-BALL.COM OR CALL +44 (0)1538 361633



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