



# STYCCOBOND F45

## Vinyl Floorcovering Adhesive

### PRODUCT DATA

#### 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.

STYCCOBOND F45 can also be used in conjunction with STYCCOBOND F2 Release Adhesive to provide a RELEASE BOND system.

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

STYCCOBOND F45 can be applied to STOPGAP smoothing underlayments, 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 underlayment.

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



#### FEATURES

- Excellent resistance to plasticiser migration
- Non-staining

#### 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.

#### PACKAGES

15 litre bucket  
5 litre bucket

#### TECHNICAL INFORMATION

Colour	White
Consistency	Creamy
Coverage Rate (Approx.)	4m <sup>2</sup> per litre with a 1.5mm x 5mm trowel or A2 'V' notched trowel
Open Time	Up to 30 minutes depending on temperature, humidity and absorbency of the subfloor

#### HOW MUCH MATERIAL?

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

Note: Coverage rates will depend on the condition and absorbency of the subfloor.

## 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 underlayments.

## 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 neat STOPGAP P121.

## ADHESIVE APPLICATION

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 or A2 'V' notched 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.

## SHELF LIFE

12 months in unopened containers stored under good conditions.

## HEALTH AND SAFETY ADVICE

This product is not classified. A Safety Data Sheet is available for professional users on request. Obtain the relevant Safety Data Sheets and follow the advice given. These can be found at [www.f-ball.co.uk](http://www.f-ball.co.uk) 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.

For further information about F. Ball products or more detailed technical assistance, please contact:



F. Ball and Co. Ltd.

Churnetside Business Park  
Station Road, Cheddleton, Leek  
Staffordshire ST13 7RS  
United Kingdom

Tel: +44 (0) 1538 361633  
Fax: +44 (0) 1538 361622  
Tech Services Fax: +44 (0) 1538 361567  
Email: [mail@f-ball.co.uk](mailto:mail@f-ball.co.uk)

[www.f-ball.co.uk](http://www.f-ball.co.uk)

