



# STYCCOBOND F41

## Carpet Tile Tackifier

### INTRODUCTION

**STYCCOBOND F41** is a solvent free pressure sensitive acrylic adhesive that is designed to provide a permanently tacky film which prevents 'loose-lay' carpet tiles from moving under normal traffic but enables them to be lifted and replaced easily when required. It can be used for securing a wide range of dimensionally stable "lay flat" carpet tiles backed with bitumen/felt, non-woven fabric, PVC and other polymer backings.

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

STYCCOBOND F41 can be applied to STOPGAP smoothing compounds, structurally sound, smooth, dry (<75% RH) subfloors of concrete and sand/cement screed, calcium sulphate screeds, plywood, flooring grade chipboard and hardboard.

Sound flooring grade asphalt must be skimmed with a minimum of 3mm of the appropriate STOPGAP smoothing compound.

STYCCOBOND F41 can be applied directly to STOPGAP epoxy waterproof surface membranes, STOPGAP ISOLATOR, Raised Access Flooring Panels, Steel, Terrazzo, Granolithic, Linoleum and Vinyl floorcoverings.

STYCCOBOND F41 is suitable for use over normal underfloor heating installations.

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

### FEATURES

- Prevents loose-lay tiles from moving
- Suitable with underfloor heating
- Allows individual, damaged or worn tiles to be quickly removed or replaced

### 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 5325 (Installation of textile floorcoverings) and supplementary specifications.

### TECHNICAL INFORMATION

Colour	White
Consistency	Viscous Liquid
Coverage rate (Approx.)	8-22m <sup>2</sup> per litre with a roller depending on the absorbency of the subfloor and the backing of the carpet tile.
Drying Time	From 20 minutes depending on temperature, humidity and absorbency of the subfloor.

### COVERAGE

PACK SIZE	APPLICATION	COVERAGE PER UNIT
20 litres	Roller	160-440m <sup>2</sup>
15 litres	Roller	120-330m <sup>2</sup>
5 litres	Roller	40-110m <sup>2</sup>

Coverage rates will depend on the condition and absorbency of the subfloor and the application pattern.

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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 neat STOPGAP P121.

## ADHESIVE APPLICATION

Using the brush or roller, apply the adhesive evenly to the subfloor, over the whole area to be covered. Allow to dry to a clear, tacky film before placing the carpet tiles in position, pressing firmly from the centre outwards and paying particular attention to the edges. When used over a raised access panel system, the tackifier should be poured into a tray and applied carefully using a roller to avoid excess adhesive seeping between individual panels and achieve the recommended coverage figure.

### Installation of PVC backed carpet tiles over vinyl floorcoverings

Apply STYCCOBOND F41 by brush or roller in bands to the back of the tile, avoiding the edges. Allow to dry before placing the tile in position.

## PRECAUTIONS

Do not place the tiles before the adhesive has dried to a clear film. This can result in a permanent bond being formed. In heavy traffic areas e.g. where concentrated stiletto heel or heavy wheeled traffic is anticipated, permanently bonding tiles has been found to help extend their life. Consult the tile manufacturer for advice in these situations.

Extending the coverage rate beyond those quoted can reduce adhesion properties of the product. Very absorbent bases may require a second application.

See the **F. Ball Recommended Adhesive Guide** for suitable permanent adhesives if required.

## TOOLS

- STYCCOBOND Paint Roller or medium stiff broom
- 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

20 litre bottle  
15 litre bucket  
5 litre bottle

## 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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ABOUT F. BALL PRODUCTS OR  
MORE DETAILED TECHNICAL  
ASSISTANCE, VISIT [F-BALL.COM](http://F-BALL.COM)  
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