



# STYCCOBOND F58

## Vinyl And Rubber Floorcovering Adhesive

### INTRODUCTION

STYCCOBOND F58 is a solvent free adhesive that can be used as a wet lay, semi-wet or pressure sensitive adhesive for securing PVC vinyl sheet and tile floorcoverings.

When used as a wet lay adhesive, STYCCOBOND F58 is suitable for rubber sheet and tile floorcoverings up to 4mm thick.

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

STYCCOBOND F58 can be applied to STOPGAP smoothing compounds, structurally sound, smooth, dry subfloors of autoclaved concrete and sand/cement screed, plywood, flooring grade chipboard and hardboard.

STYCCOBOND F58 can also be applied directly to STOPGAP epoxy resin waterproof surface membranes and other non-absorbent subfloors when used as a pressure sensitive adhesive and where the surface finish is smooth enough to permit the installation of PVC floorcoverings.

STYCCOBOND F58 is suitable for use over normal underfloor heating installations.

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

### SURFACE PREPARATION

Proper subfloor preparation is essential for the correct installation of any floorcovering. Subfloors must be structurally sound, smooth, dry 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 between a minimum of 15°C and a maximum of 28°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**.

### TECHNICAL INFORMATION

Colour	White
Consistency	Creamy
Coverage rate (Approx.)	Up to 4m <sup>2</sup> per litre with STYCCOBOND A2 'V' notched trowel Up to 3m <sup>2</sup> per litre with a B1 'V' notched trowel
Open time	Up to 180 minutes depending on temperature, humidity and absorbency of the subfloor.

### FEATURES

- Use as a wet lay, semi-wet or PS adhesive
- Fast drying - install tiles from 10 minutes
- Up to 180 minutes open time
- Excellent grab
- Suitable for PVC and rubber floorcoverings
- Suitable with underfloor heating

### STANDARDS

All aspects of the installation of floorcoverings should be in accordance with the current Australian standard, AS 1884:2021 Floorcoverings - Resilient Sheet and tiles - Installation practices.

## DAMP SUBFLOORS

All concrete subfloors must be tested for moisture content ensuring the reading is below 85% in accordance with ASTM F1270-19a insitu probe method.

Where the value is greater than 85% RH, the appropriate STOPGAP waterproof surface membrane should be applied.

## UNEVEN FLOORS

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

## PRIMING

Highly absorbent subfloors such as sand/cement screeds or plywood should be primed using STOPGAP P131 diluted 4 parts water and stir until thoroughly dispersed. Once applied, this should be allowed to dry thoroughly before proceeding with the installation.

## ADHESIVE APPLICATION

### STIR WELL BEFORE USE

Site conditions vary and will have an impact upon the application characteristics of the adhesive.

### PVC / Vinyl Floorcoverings

Holding the trowel at an angle of 60°, spread the adhesive evenly over the subfloor. Following the floorcovering manufacturers laying instructions and using the guidelines given below, place the floorcovering into the adhesive and press from the centre outwards to exclude any air; then roll from end-to-end and side-to-side using the 68kg flooring roller. 1 to 4 hours later roll again in two directions.

### Absorbent surfaces – wet lay, semi-wet or pressure sensitive bond.

Apply the adhesive using a STYCCOBOND A2 'V' notched trowel.

Floorcoverings can be placed into the adhesive immediately although it is advisable, when installing tiles, to leave the adhesive for approximately 10 minutes before placing the flooring, reducing the potential for sliding.

### Non-absorbent surfaces – pressure sensitive bond.

Apply the adhesive using a STYCCOBOND A2 notched trowel. Immediately roll with a paint roller which has been pre-coated with adhesive, to obtain a smooth, uniform appearance allowing the adhesive film to dry. This will minimise adhesive grin through and maximise surface area of contact for adhesion.

Do not use the paint roller to extend the area covered by the adhesive, as this will reduce adhesion.

Do not exceed 180 minutes open time. Low temperatures and high air humidity may extend the working and drying time. Whilst high temperatures and low air humidity reduce the working and drying time.

Note: When trowelling the adhesive directly onto cured STOPGAP epoxy waterproof surface membranes, ensure that the membrane is not damaged or punctured by the trowel.

### Rubber floorcoverings onto absorbent surfaces – wet bond

Apply the adhesive using a B1 'V' notched trowel. Allow the adhesive sufficient time to reach a wet, pasty and tacky consistency but still enabling full transfer to the back of the floorcovering. When installing tiles, leave the adhesive for approximately 10 minutes before placing the flooring – this will help to reduce the potential for sliding.

Following the floorcovering manufacturers installation instructions lay the floorcovering into the adhesive gradually expelling air using a cork board.

Press from the centre outwards using a cork board to ensure the floorcovering is laying flat, as soon as the adhesive begins to secure the floorcovering, roll using a flooring roller, end-to-end and side-to-side to ensure overall contact. 30 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.

For high temperature and solar gain areas use STYCCOBOND F48+ or F49 adhesive.

## COVERAGE

PACK SIZE	TROWEL SIZE	COVERAGE PER UNIT
15 litres	A2	Up to 60m <sup>2</sup>
15 litres	B1	Up to 45m <sup>2</sup>

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

## TOOLS

- STYCCOBOND A2 "V" notched trowel for PVC floorcoverings
- B1 for rubber floorcoverings
- Trimming Knife
- Cork Board
- 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.

## PACKAGES

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.

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



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