



STYCCOBOND F58^{PLUS}

Fibre-reinforced Vinyl and Rubber Floorcovering Adhesive

PRODUCT DATA

INTRODUCTION

STYCCOBOND F58^{PLUS} is a fast-drying, 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^{PLUS}** is suitable for rubber sheet and tile floorcoverings up to 2.5mm thick.

It is designed to give a high bond strength and strong initial tack. It is protected against bio-degradation and is suitable for use over normal underfloor heating installations.

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

STYCCOBOND F58^{PLUS} can be applied to STOPGAP smoothing underlayments, structurally sound, smooth, dry subfloors of concrete and sand/cement screed, plywood, flooring grade chipboard and hardboard.

STYCCOBOND F58^{PLUS} can be applied directly to epoxy resin STOPGAP 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.

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

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



STYCCOBOND F58^{PLUS} has been tested to the standards of the International Maritime Organisation and approved for use in marine floor installations.

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.

TECHNICAL INFORMATION

Colour	White
Consistency	Creamy
Coverage Rate (Approx.)	Up to 6m ² per litre with a STYCCOBOND A2 trowel 5m ² per litre with a STYCCOBOND 1.5mm x 5mm trowel 4m ² per litre with a B1 trowel
Open Time	Up to 180 minutes depending on temperature, humidity and absorbency of the subfloor



FEATURES

- Use as wet lay, semi-wet or PS adhesive
- Fibre-reinforced
- Fast drying - install tiles from 5 minutes
- Up to 180 minutes open time
- Excellent grab
- Suitable for PVC and Rubber floorcoverings
- Suitable with underfloor heating
- Approved for marine use

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) and supplementary specifications.

PACKAGES

- 15 litre bucket
- 5 litre bucket

HOW MUCH MATERIAL?

PACK SIZE	TROWEL SIZE	COVERAGE PER UNIT
15 litres	A2	Up to 90m ²
15 litres	1.5mm x 5mm	Up to 75m ²
15 litres	B1	Up to 60m ²

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

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.

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 underlayment.

PRIMING

Highly absorbent subfloors such as sand/cement screeds or plywood should be primed using STOPGAP PI31 diluted 4 parts water and stir until thoroughly dispersed. Once applied, 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 PI21 - refer to STOPGAP PI21 data sheet for further information.

ADHESIVE APPLICATION

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, semi-wet or pressure sensitive bond

Apply the adhesive using a STYCCOBOND A2 or STYCCOBOND 1.5mm x 5mm 'V' notched trowel.

Floorcoverings can be placed into the adhesive immediately although it is advisable, when installing tiles, to leave the adhesive for approximately 5 minutes before placing the flooring, reducing the potential for sliding.

Non absorbent surfaces – pressure sensitive bond

Apply the adhesive using a STYCCOBOND A2 or STYCCOBOND 1.5mm x 5mm 'V' 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.

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

Rubber Floorcoverings onto absorbent surfaces – wet bond

Apply using a BI or 2mm x 6mm '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 5 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 or carpeted STYCCOBOND GLYDA 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

Surplus adhesive may be removed from the surface of the flooring whilst it is still wet, using Styccowipes. Allow the adhesive to dry overnight before commencing seam welding operations.

Any air bubbles remaining beneath the sheet should be worked out using a cork board rather than continually rolling the floorcovering. Excessive use of a flooring roller on 2mm thick rubber floorcoverings whilst the adhesive is still wet will promote bubbling.

TOOLS

STYCCOBOND A2 or 1.5mm x 5mm 'V' notched trowel for PVC floorcoverings.
BI trowel for rubber floorcoverings.
F. Ball 68kg flooring roller, Trimming knife, Cork Board, STYCCOBOND GLYDA.

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. Obtain the relevant Safety Data Sheets and follow the advice given.

These 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.

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

Email: mail@f-ball.co.uk

www.f-ball.com

