



# STYCCOBOND F40

## High Tack Dual Bond Adhesive

### PRODUCT DATA

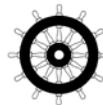
#### INTRODUCTION

**STYCCOBOND F40** is a solvent free synthetic polymer emulsion adhesive, developed to provide a peelable bond for release underlays. It can also be used as a permanent or release bond adhesive when fixing carpets. It is water based and dries to form a transparent, permanently tacky coating.

The type of bond achieved is dependent on when the floorcovering is laid into the adhesive. Laying the floorcovering into the adhesive once it has dried enables the underlay or carpet to be lifted when required, without significant damage to either floorcovering or subfloor. Laying the floorcovering into wet adhesive gives a permanent bond. It is suitable for use over normal underfloor heating installations.

STYCCOBOND F40 can be used for securing a wide range of carpets which include those with felt, secondary, unitary and many other backings. It is also suitable for fixing certain release underlays which have been specifically developed for release bonding.

See the STYCCOBOND Recommended Adhesives Guide for details of specific floorcoverings.



STYCCOBOND F40 has been tested to the standards of the International Maritime Organisation and approved for use in marine floor installations by DNV - Det Norske Veritas.

STYCCOBOND F40 can be applied to STOPGAP smoothing underlayments, structurally sound, smooth, dry subfloors of concrete and sand/cement screed, plywood, flooring grade chipboard and hardboard.

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

STYCCOBOND F40 can be applied directly to non-absorbent subfloors such as STOPGAP Waterproof Surface Membranes, Corrosion Treated Steel, Terrazzo, and Granolithic Tiles.

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

#### TECHNICAL INFORMATION

Colour	White
Consistency	Viscous Liquid
Coverage Rate (Approx.)	4m <sup>2</sup> - 7m <sup>2</sup> per litre with a 1.5mm x 5mm trowel 7m <sup>2</sup> - 9m <sup>2</sup> with a roller
Drying Time (Approx.)	40 minutes depending on temperature, humidity and absorbency of the subfloor



#### FEATURES

- Provides a quick peelable release option for carpet and underlay systems
- Solvent free
- 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 5325 (Installation of textile floorcoverings) and supplementary specifications.

#### PACKAGES

15 litre bucket  
5 litre bucket

#### HOW MUCH MATERIAL?

PACK SIZE	TROWEL SIZE	COVERAGE PER UNIT
15 litres	1.5mm x 5mm	60 - 105m <sup>2</sup>
15 litres	Roller	105 - 135m <sup>2</sup>
5 litres	1.5mm x 5mm	20 - 35m <sup>2</sup>
5 litres	Roller	35 - 45m <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 CI40 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

### DUAL BOND SYSTEM

**Peelable bond - carpets** - Holding the notched trowel at an angle of 60°, apply the adhesive evenly to the subfloor. Allow the adhesive to dry completely to a clear tacky coating before laying the carpet. Following the carpet manufacturers instructions, lay the floorcovering and press from the centre outwards to exclude air and then apply pressure by rolling with a 68kg flooring roller, from end-to-end and side-to-side.

**Peelable bond - underlays** - Apply the adhesive to the subfloor using the notched trowel or paint roller as specified by the underlay manufacturer. Allow the adhesive to dry completely to a clear tacky coating before laying the underlay. Following the underlay manufacturers instructions, lay the material and press from the centre outwards to exclude air and then apply pressure using the STYCCOBOND GLYDA or soft bristle broom to ensure overall adhesion. The carpet can then be permanently bonded to the underlay immediately, with the recommended adhesive using normal installation techniques.

**Permanent bond - carpets** - Holding the notched trowel at an angle of 60°, apply the adhesive evenly to the subfloor. Leave the adhesive open for 10 - 15 minutes before laying the carpet. Following the carpet manufacturers instructions, lay the floorcovering and press from the centre outwards to exclude air and then apply pressure by rolling with a 68kg flooring roller, from end to end and side to side. It may be necessary to re-roll the carpet 30 minutes later, depending on conditions, to ensure overall adhesion is maintained.

## PRECAUTIONS

If a peelable bond is specified do not lay the underlay or carpet before the adhesive has completely dried as this will impair its release and may result in a permanent bond being formed.

Not all carpets are suitable for use over release underlay systems, check with the carpet manufacturer before proceeding. Do not apply the adhesive too thinly as this will reduce adhesion.

We would suggest that carpets are best maintained using dry cleaning methods in preference to wet extraction, thus avoiding potential for damage to the adhesive bond caused by excessive use of cleaning fluids.

## TOOLS

STYCCOBOND 1.5mm x 5mm 'V' notched trowel or STYCCOBOND Paint Roller, F. Ball 68kg flooring roller, 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 under the Chemicals (Hazard Information and Packaging for Supply) Regulations. Obtain the relevant Material 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 Services Department.

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



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