



# STYCCOBOND F84

## Two Part Reactive Adhesive

### PRODUCT DATA

#### INTRODUCTION

**STYCCOBOND F84** is a two-part reactive epoxy adhesive designed for installing a wide range of sheet floorcoverings onto STOPGAP ISOLATOR MEMBRANE and other suitable substrates. It is ideal for use in areas that are subject to surface water and areas that are heavily trafficked. When cured the adhesive is resistant to water, oil and grease. Although it is suitable for outdoor use it is not intended to be used as, or a substitute for a waterproof surface membrane.

STYCCOBOND F84 can be used for securing a wide range of vinyl and rubber floorcoverings, sheet linoleum and textile floorcoverings.

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

STYCCOBOND F84 can be applied to STOPGAP smoothing underlayments, Isolator Membrane, structurally sound, smooth, dry subfloors of concrete and sand/cement screed, plywood, flooring grade chipboard and hardboard.

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.

When used in conjunction with STOPGAP ISOLATOR MEMBRANE, please refer to the technical data sheet for detailed guidance.

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

#### TECHNICAL INFORMATION

Colour	Light beige when mixed
Consistency	Creamy
Coverage Rate (Approx.)	3m <sup>2</sup> per kg using a 1.5mm x 5mm trowel or 2m <sup>2</sup> per kg using a 2mm x 6mm trowel
Pot Life	Up to 20 minutes depending on temperature, humidity and absorbency of the subfloor
Working Time (Approx.)	1 hour at 20°C
Cure Time	At 20°C will allow foot traffic in 12 hours and normal use after 5 days. Avoid heavy point loads until the adhesive has fully cured – approximately 7 days



#### FEATURES

- Suitable for securing recommended floorcoverings to STOPGAP Isolator Membrane
- Can be used in areas that are subject to heavy traffic
- Resistant to water, oil and grease when cured

#### 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

2kg kit and 5kg kit.

The resin and hardener are supplied in the correct quantities for mixing without measuring.

#### HOW MUCH MATERIAL?

PACK SIZE	TROWEL SIZE	COVERAGE PER UNIT
2kg	1.5mm x 5mm	6m <sup>2</sup>
2kg	2mm x 6mm	4m <sup>2</sup>
5kg	1.5mm x 5mm	15m <sup>2</sup>
5kg	2mm x 6mm	10m <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.

\* Except when Isolator Membrane is to be used.

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 STOPGAP smoothing underlayments.

## PRIMING

Priming is not required.

## MIXING

Stir the contents of the resin container then empty all the contents of the hardener container into it. Using the STOPGAP power whisk fitted to a slow speed drill, mix the two components together for approximately 2 minutes until a uniform mix is obtained. Alternatively, the two components may be mixed together by stirring by hand with a stick. Scraping the sides of the container until a uniform mix is obtained, should be carried out with both methods of mixing.

## ADHESIVE APPLICATION

Floorcoverings must be laid and allowed to flatten, then cut to fit before mixing the adhesive. Holding the trowel at an angle of 60°, spread the adhesive evenly to an area that can be covered within the working time of the adhesive. Immediately lay the floorcovering into the wet adhesive, pressing from the centre outwards to exclude air. Roll to ensure overall contact with the adhesive.

Under certain circumstances, it may be necessary to apply weights to some floorcoverings to maintain contact until the adhesive has set - about 12 hours.

When laying floorcoverings with deeply profiled or studded backings, apply sufficient adhesive to ensure that the voids are filled when the floorcovering is laid into the adhesive. This will result in a lower coverage figure than that quoted above.

The open time of the adhesive is dependent on temperature, humidity and absorbency of the subfloor.

## PRECAUTIONS

Mix only in full packs as mixing ratios are critical.

Do not apply loads or move furniture on the floorcovering until the adhesive has set.

**Note:** At lower temperatures, less than 10°C, the adhesive becomes significantly more difficult to mix by hand and apply. To overcome this, material should be conditioned at temperatures greater than 15°C and applied where the subfloor temperature is greater than 15°C. This will significantly ease the use of this adhesive.

## TOOLS

STYCCOBOND 1.5mm x 5mm 'V' notched trowel for smooth backed floorcoverings.  
STYCCOBOND 2mm x 6mm 'V' notched trowel for textile or floorcoverings with a profiled backing.  
F. Ball 68kg flooring roller.

Clean tools with STYCCOCLEAN C141 floor cleaner immediately after use.

## 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 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 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 Service 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)