



# STYCCOBOND F3

## Flooring Adhesive

### PRODUCT DATA

#### INTRODUCTION

**STYCCOBOND F3** is a water based rubber/resin flooring adhesive that has excellent wet grab with an early build up of strength. It is protected against bio-degradation and is suitable for use over normal underfloor heating installations.

STYCCOBOND F3 can be used for securing fibre bonded carpets, hessian, felt, secondary latex and rubber foam backed carpets and cork tiles up to 3.2mm thick.

STYCCOBOND F3 can also be used in conjunction with STYCCOBOND F2 Release Sealer to provide a RELEASE BOND system.

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



STYCCOBOND F3 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 F3 can be applied to STOPGAP smoothing underlayments, 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 some non-absorbent surfaces must be skimmed with a minimum of 3mm of the appropriate STOPGAP smoothing underlayment.

STYCCOBOND F3 can be applied directly to some non-absorbent subfloors such as Power Floated Concrete, Terrazzo and Granolithic, however, impervious backed floorcoverings should not be adhered directly to these subfloors and a suitable STOPGAP smoothing underlayment should be applied.

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



#### FEATURES

- High strength
- Good wet grab
- Suitable for the installation of most carpets
- 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  
2.5 litre bucket  
1 litre pot

#### TECHNICAL INFORMATION

Colour	Cream / Yellow
Consistency	Viscous Liquid
Coverage Rate (Approx.)	3m <sup>2</sup> per litre using a 2mm x 6mm trowel
Open Time	Up to 15 minutes depending on temperature, humidity and absorbency of the subfloor

#### HOW MUCH MATERIAL?

PACK SIZE	TROWEL SIZE	COVERAGE PER UNIT
15 litres	2mm x 6mm	45m <sup>2</sup>
5 litres	2mm x 6mm	15m <sup>2</sup>
2.5 litres	2mm x 6mm	7.5m <sup>2</sup>
1 litre	2mm x 6mm	3m <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.

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

Holding the trowel at an angle of 60°, spread the adhesive evenly over an area of subfloor that can be covered whilst the adhesive remains receptive and gives good transfer.

**Absorbent surfaces** - lay the floorcovering immediately, except with cork tiles.

Installing cork tiles and onto surfaces with little or no absorbency - allow the adhesive to dry partially to a paste-like consistency before laying the floorcovering.

**Deeply profiled or rough backed floorcoverings** - it may be necessary to apply extra adhesive to ensure good contact. In such cases use a 3mm x 6mm 'V' notched trowel, this will reduce the coverage quoted. Some unitary backed carpets also require the large notched trowel.

Following the floorcovering manufacturer's laying instructions lay the floorcovering into the adhesive and press from the centre outwards to exclude air and ensure overall contact with the adhesive. Roll with the 68kg flooring roller, from end-to-end and side-to-side (on foam backed floorcoverings use the STYCCOBOND GLYDA) to ensure overall contact. 30 minutes later and when the floor has been completely covered roll or use the STYCCOBOND GLYDA 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 allow the floorcovering to be wet cleaned until three weeks after laying.

## TOOLS

STYCCOBOND 2mm x 6mm or 3mm x 6mm 'V' notched trowel, F. Ball 68kg flooring roller, F. Ball STYCCOBOND GLYDA for foam backed carpets and Trimming knife.

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. A Material Safety Data Sheet is available for the professional user on request. 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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## SAFETY DATA SHEET STYCCOBOND F3

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME STYCCOBOND F3  
 INTERNAL ID SBF3/8  
 APPLICATION Flooring Adhesive  
 SUPPLIER F.Ball and Co.Ltd.,  
 Churnetside Business Park,  
 Station Road.,  
 Cheddleton,  
 Staffordshire ST13 7RS  
 For technical and non-emergency call:  
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 For advice on medical emergencies,  
 fires, spillages or chemical hazards  
 phone: +44(0) 870 190 6777  
 Fax: 01538 361622  
 E-Mail: mail@f-ball.co.uk

### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
NAPHTHA (PETROLEUM), SOLVENT-REFINED LIGHT.	265-086-6	64741-84-0	1-5%	Xn;R65.

The Full Text for all R-Phrases are Displayed in Section 16

#### COMPOSITION COMMENTS

Water based emulsion of synthetic and natural latices, modified with synthetic resins, refined mineral oil, inorganic filler and small percentages of surfactants, stabilisers and preservatives.

### 3 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

#### HUMAN HEALTH

Persons with a known allergy to natural rubber latex are advised not to use this product.

### 4 FIRST-AID MEASURES

#### INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

#### INGESTION

Rinse mouth thoroughly. Drink plenty of water. Do not induce vomiting. Get medical attention if any discomfort continues.

#### SKIN CONTACT

Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention if irritation persists after washing.

#### EYE CONTACT

Immediately rinse with water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

### 6 ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS

Use protective gloves, goggles and suitable protective clothing.

**STYCCOBOND F3****ENVIRONMENTAL PRECAUTIONS**

Do not discharge into drains, water courses or onto the ground.

**SPILL CLEAN UP METHODS**

Small Spillages Absorb with sand or other inert absorbent. Large Spillages Dam and absorb spillages with sand, earth or other non-combustible material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Wear necessary protective equipment.

**7 HANDLING AND STORAGE****USAGE PRECAUTIONS**

Provide good ventilation. Do not use in confined spaces without adequate ventilation and/or respirator. Avoid contact with skin and eyes. Observe good industrial hygiene practices. Do not eat, drink or smoke when using the product.

**STORAGE PRECAUTIONS**

Keep separate from food, feedstuffs, fertilisers and other sensitive material. Store in closed original container at temperatures between 5°C and 30°C. Protect from freezing and direct sunlight.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION****ENGINEERING MEASURES**

Provide adequate ventilation.

**HAND PROTECTION**

For prolonged or repeated skin contact use suitable protective gloves. Nitrile gloves to BSEN374 are recommended. Break through times can vary depending on thickness, use and source. Change gloves regularly.

**EYE PROTECTION**

If there is a risk of splashing, wear chemical resistant goggles or visor approved to BS EN166.

**HYGIENE MEASURES**

Good personal hygiene practices should be followed when working with chemicals.

**PERSONAL PROTECTION**

Always check applicability with your supplier of protective equipment.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Viscous Creamy liquid		
COLOUR	Cream		
ODOUR	Slight resin odour		
RELATIVE DENSITY	1.21 approx @ 20 degC	VOLATILE BY VOL. (%)	30% w/w approx
pH-VALUE, CONC. SOLUTION	9.5-10.5	VISCOSITY	1600 poise @20deg C approx

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions and recommended use.

**CONDITIONS TO AVOID**

Avoid frost. Avoid exposure to high temperatures or direct sunlight.

**11 TOXICOLOGICAL INFORMATION****INHALATION**

May cause some discomfort in poorly ventilated areas.

**INGESTION**

May cause discomfort if swallowed.

**SKIN CONTACT**

Prolonged contact may cause redness and irritation. Skin irritation is not anticipated when used normally.

**EYE CONTACT**

May cause irritation, soreness and reddening of the eyes

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

There are no data on the ecotoxicity of this product.

## STYCCOBOND F3

**13 DISPOSAL CONSIDERATIONS**

## DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Small quantities may be absorbed in sand and allowed to dry, prior to disposal as low hazard waste. Larger quantities should be disposed of as controlled liquid waste via a licensed waste operator.

## WASTE CLASS

Waste Code for Product : 080410

**14 TRANSPORT INFORMATION**

## GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

**15 REGULATORY INFORMATION**

## RISK PHRASES

NC

Not classified.

## SAFETY PHRASES

P13

Safety data sheet available for professional user on request.

**16 OTHER INFORMATION**

## GENERAL INFORMATION

F.Ball and Company Ltd Technical Datasheet.

## REVISION COMMENTS

Section 1: Addition of emergency telephone number. Section 8 : Improved PPE information. Section 13: Addition of waste codes.  
Section 2: update.

REVISION DATE 19/06/06

REV. NO./REPL. SDS GENERATED 8

## RISK PHRASES IN FULL

R65 Harmful: may cause lung damage if swallowed.