



STYCCOBOND F54

High Grab Linoleum Adhesive

PRODUCT DATA

INTRODUCTION

STYCCOBOND F54 is a non-flammable, synthetic rubber emulsion adhesive for installing linoleum. It is designed to provide a high initial grab. It is protected against bio-degradation and is suitable for use over normal underfloor heating installations.

STYCCOBOND F54 can be used for securing a wide range of linoleum floorcoverings.

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



STYCCOBOND F54 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 F54 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 other non-absorbent surfaces must be skimmed with a minimum of 3mm of the appropriate STOPGAP smoothing underlayment.

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



FEATURES

- High initial grab
- Non-flammable
- 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

TECHNICAL INFORMATION

Colour	Off White
Consistency	Creamy
Coverage Rate (Approx.)	3m ² per litre with 2mm x 6mm trowel
Open Time	Up to 30 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 ²
5 litres	2mm x 6mm	15m ²

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.

Following the floorcovering manufacturers laying instructions 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.

PRECAUTIONS

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

TOOLS

STYCCOBOND 2mm x 6mm 'V' notched trowel, F. Ball 68kg flooring roller, Trimming knife.

Tools should be cleaned with warm soapy water while the adhesive is still.

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 professional users on request. These can be found at 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 F54

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME STYCCOBOND F54
INTERNAL ID SBF54/7
APPLICATION Flooring Adhesive
SUPPLIER F.Ball and Co.Ltd.,
 Churnetside Business Park,
 Station Road.,
 Cheddleton,
 Staffordshire ST13 7RS
 For technical and non-emergency call:
 phone: 01538 361633.
 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), LIGHT.	SOLVENT-REFINED	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 latices modified with synthetic resins, refined mineral oil, inorganic filler and small percentages of surfactants, stabilisers, mixed fraction solvent and preservatives.

3 HAZARDS IDENTIFICATION

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

4 FIRST-AID MEASURES

INHALATION

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

INGESTION

Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable take to hospital along with these instructions. Do not induce vomiting.

SKIN CONTACT

Wash skin thoroughly with soap and water. Remove contaminated clothing.

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

Water spray, foam, dry powder or carbon dioxide.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Use protective gloves, goggles and suitable protective clothing.

ENVIRONMENTAL PRECAUTIONS

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

STYCCOBOND F54

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

Do not use in confined spaces without adequate ventilation and/or respirator. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Avoid inhalation of vapours/spray and contact with skin and eyes. Do not eat, drink or smoke when using the product.

STORAGE PRECAUTIONS

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

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	Paste		
COLOUR	White / off-white		
ODOUR	Mild		
RELATIVE DENSITY	1.20 - 1.31 approx @ 20 degC	VOLATILE BY VOL. (%)	27.5-32 w/w approx
pH-VALUE, CONC. SOLUTION	10-11approx	VISCOSITY	1000 approx Ps @ 20 degC
FLASH POINT (°C)	none		

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

When working extensively on big surfaces in small and badly ventilated rooms, vapours may develop in concentrations which may cause headache and irritation of the eyes and the respiratory system.

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

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

EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

There are no data on the ecotoxicity of this product.

STYCCOBOND F54**13 DISPOSAL CONSIDERATIONS**

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

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.

ADR CLASS

Not classified for transportation. MARINE POLLUTANT No.

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.

REVISION DATE

19/06/06

REV. NO./REPL. SDS GENERATED

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RISK PHRASES IN FULL

R65 Harmful: may cause lung damage if swallowed.