



# STYCCOBOND F48<sup>PLUS</sup>

*Fibre-Reinforced, High Temperature Grade Vinyl Adhesive*

## PRODUCT DATA

### INTRODUCTION

**STYCCOBOND F48<sup>PLUS</sup>** is a fibre-reinforced, solvent free adhesive having high resistance to both heat and PVC plasticisers making it suitable for use in conservatories and areas where floor to ceiling windows are installed. It is protected against bio-degradation and is suitable for use over normal underfloor heating installations.

STYCCOBOND F48<sup>PLUS</sup> can be used for securing a wide range of plasticised PVC and rubber floorcoverings in both sheet and tile form.

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

STYCCOBOND F48<sup>PLUS</sup> can be applied to structurally sound, smooth, dry subfloors of concrete and sand/cement screed, STOPGAP smoothing underlayments, plywood 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 Service Department.



### FEATURES

- Fibre-reinforced
- High resistance to heat
- Fast drying - install floorcoverings from 5 minutes
- Excellent grab
- Suitable with underfloor heating
- Solvent free

### 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	Viscous Liquid
Coverage Rate (Approx.)	4m <sup>2</sup> per litre with either a STYCCOBOND A2 or 1.5mm x 5mm trowel
Open Time (Approx.)	30 minutes depending on temperature, humidity and absorbency of the subfloor

PACK SIZE	TROWEL SIZE	COVERAGE PER UNIT
15 litres	1.5mm x 5mm	60m <sup>2</sup>
15 litres	A2	60m <sup>2</sup>
5 litres	1.5mm x 5mm	20m <sup>2</sup>
5 litres	A2	20m <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 PI31 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 PI21 - refer to the STOPGAP PI21 data sheet for further information.

## 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.

The fast drying properties of the adhesive allow floorcoverings to be installed from as little as 5 minutes.

Following the floorcovering manufacturers 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 a 68kg flooring roller from end to end and side to side. Re-roll as necessary to ensure overall contact is maintained.

Where rubber sheet or tile floorcoverings are to be installed, we recommend the use of a STYCCOBOND A2 trowel. Place the acclimatised rubber floorcovering into the adhesive whilst full wet transfer of adhesive occurs.

## PRECAUTIONS

Do not apply loads or move furniture on the floorcovering until the adhesive has fully set. To maximise open time, we would recommend the provision of shading in areas such as conservatories to prevent direct sunlight causing excessive drying of the adhesive.

It is important to maintain stable, ambient conditions within the first 24 hours of installation. Extremes of temperature can occur between the day and the night times, it is essential that these be avoided. South facing windows and all conservatory windows should be shaded to minimise daytime fluctuations. Heating systems should, when necessary, be left on overnight to achieve a constant temperature similar to that of the daytime. The temperature needs to be maintained prior to, during and for at least 24 hours after the installation is completed to allow the adhesive to cure so as to minimise any movement within the floorcovering caused by significant temperature changes.

Floorcoverings must be properly acclimatised in accordance with the manufacturers instructions before use.

## TOOLS

STYCCOBOND A2 or 1.5mm x 5mm 'V' notched trowel, F. Ball 68kg flooring roller, 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. A Safety Data Sheet is available for the professional user on request.

These can be found at [www.f-ball.com](http://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:



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