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STYCCOBOND F48PLUS

High Temperature Fibre-Reinforced Vinyl Adhesive



INTRODUCTION

STYCCOBOND F48PLUS is a solvent free, fibre-reinforced adhesive with high resistance to both heat and PVC plasticisers and should be used for securing vinyl sheet and tile floorcoverings in areas of high solar gain such as conservatories and areas where floor to ceiling windows are installed.

STYCCOBOND F48PLUS can also be used for securing rubber floorcoverings in both sheet and tile form.

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

STYCCOBOND F48PLUS can be applied to STOPGAP smoothing compounds, structurally sound, smooth, dry subfloors of concrete and sand/cement screed, calcium sulphate screeds, 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 compound.

STYCCOBOND F48PLUS is suitable for use over normal underfloor heating installations.

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

TECHNICAL INFORMATION

Colour	Off White
Consistency	Viscous Liquid
Coverage rate (Approx.)	Up to 4.5m² per litre with either a STYCCOBOND A2 trowel OR 1.5mm x 5mm STYCCOBOND 'V' notched trowel
Open time	Up to 30 minutes depending on temperature, humidity and absorbency of the subfloor

COVERAGE

PACK SIZE	TROWEL SIZE	COVERAGE PER UNIT
15 litres	A2	Up to 67.5m²
5 litres	1.5mm x 5mm	Up to 22.5m²

Coverage rates will depend on the condition and absorbency of the subfloor

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.

SCAN QR CODE TO VIEW PRODUCT DEMO VIDEO

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 compounds.

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 - refer to the STOPGAP P121 data sheet for further information.

ADHESIVE APPLICATION

STIR WELL BEFORE USE

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. Allow the adhesive sufficient time to reach a wet, pasty and tacky consistency before placing 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.

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TOOLS

- STYCCOBOND A2 or 1.5mm x 5mm 'V' notched trowel
- F. Ball 68kg flooring roller
- Trimming knife
- Tools should be cleaned with water whilst the adhesive is still wet

STORAGE

Store between 5°C and 30°C. Protect from frost.

PACK SIZE

15 litre bucket
5 litre bucket

SHELF LIFE

12 months in unopened containers stored under good conditions

HEALTH & SAFETY

This product is not classified. Relevant safety data sheets and advice given can be found at 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, VISIT F-BALL.COM OR CALL +44 (0)1538 361633

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