



STYCCOBOND F48^{PLUS}

High Temperature Fibre-Reinforced Vinyl Adhesive

INTRODUCTION

STYCCOBOND F48^{PLUS} 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 and areas where floor to ceiling windows are installed. STYCCOBOND F48^{PLUS} 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 F48^{PLUS} can be applied to STOPGAP smoothing compounds, structurally sound, smooth, dry subfloors of concrete, autoclaved aerated concrete, fibre cement sheet conforming to AS/NZS 2908.2, HP MDF conforming to AS/NZS 1859.2, Hardboard underlay conforming to AS/NZS 21854.9, Plywood underlay grade C conforming to AS/NZS 2269.0.

STOPGAP waterproof surface membranes and non-absorbent surfaces must be skimmed with a minimum of 3mm of the appropriate STOPGAP smoothing compound.

STYCCOBOND F48^{PLUS} is suitable for use over normal underfloor heating installations.

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 current Australian Standard, AS 1884:2021 Floorcoverings - Resilient Sheet and tiles - Installation practices.

TECHNICAL INFORMATION

Colour	Off White
Consistency	Viscous Liquid
Coverage rate (Approx.)	Up to 4.8m ² per litre with a V1 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	V1	Up to 72m ²

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

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 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 must be fully cured and any laitance or surface treatments must be removed.

The temperature of the floor must be maintained between a minimum of 10°C and a maximum of 28°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

All concrete subfloors must be tested for moisture content ensuring the reading is below 85% in accordance with ASTM F2170 insitu probe method.

Where the value is greater than 85% RH, 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 should be primed using STOPGAP P131 diluted 4 parts water and stir until thoroughly dispersed. Once applied, this should be allowed to dry thoroughly before proceeding with the installation.

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 V2 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 floor to ceiling windows in north facing building to prevent direct sunlight causing excessive drying of the adhesive.

It is important to maintain stable, ambient conditions 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.

Temperatures in excess of 20°C will reduce the open time of the adhesive.

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



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TOOLS

- V1 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

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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