



STYCCOBOND F44

Vinyl Adhesive

INTRODUCTION

STYCCOBOND F44 is a solvent free acrylic adhesive, which is designed to give a high bond strength, strong initial tack and a long open time and should be used for securing vinyl sheet and tile floorcoverings, textile floorcoverings with PVC and polyurethane foam backings and acoustic underlay.

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

STYCCOBOND F44 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, sound flooring grade asphalt and some non-absorbent surfaces must be skimmed with a minimum of 3mm of the appropriate STOPGAP smoothing compound.

STYCCOBOND F44 is suitable for use over normal underfloor heating installations.

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

TECHNICAL INFORMATION

| | |
|-------------------------|--|
| Colour | Cream/Yellow |
| Consistency | Viscous Liquid |
| Coverage rate (Approx.) | Up to 4.5m ² per litre with a V1 notched trowel |
| Open time | Up to 60 minutes depending on temperature, humidity and absorbency of the subfloor |

COVERAGE

| PACK SIZE | TROWEL SIZE | COVERAGE PER UNIT |
|-----------|-------------|--------------------|
| 15 litres | V1 | 67.5m ² |

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



FEATURES

- Wet set adhesive
- Strong initial tack
- High bond strength
- Long open time
- Suitable with underfloor heating
- Approved for marine use

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.

Tested in accordance with IMO FTP Code procedures, STYCCOBOND F44 is in compliance with the Merchant Shipping (Marine Equipment) Regulations 2016, S.I. 2016/1025, and the Marine Equipment Directive 2014/90/EU, and approved for use as an adhesive for flooring applications only.



2812/See date of manufacture
164.117/ER02812/MED0400Rev.1



1121/See date of manufacture
164.117/WCL1121/MER0400Rev.1

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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.

On absorbent surfaces - lay the floorcovering immediately, when installing tiles, leave the adhesive for approximately 10 minutes before placing the flooring, to reduce the potential for sliding.

Non-absorbent surfaces - Apply the adhesive and allow to partially dry to a firm tack before laying the floorcovering. When installing impervious sheet floorcoverings, the Double Drop technique can be used to reduce the time taken waiting for the adhesive to dry. Lay the floorcovering into the wet adhesive, press all over to achieve transfer, then pull it back exposing the adhesive. Leave until the adhesive has dried to a firm tack before replacing the flooring accurately in position.

Roller application - On both absorbent and non-absorbent subfloors, to minimise the effect of adhesive shadowing through vinyl floorcoverings, apply the adhesive then immediately roll with a paint roller, which has been pre-coated with the adhesive, to obtain a smooth, uniform appearance. Place the floorcovering when the adhesive has dried to a firm tack and is still receptive to the floorcovering.

DO NOT use the roller to extend the stated coverage as this will reduce adhesion.

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 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 weld vinyl floorcoverings until the adhesive has had sufficient time to develop a good bond, normally 24 hours.

Ensure flooring is acclimatised.

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

For high temperature and solar gain areas use STYCCOBOND F49 adhesive.

TOOLS

- V1 notched trowel
- F. Ball 68kg flooring roller
- STYCCOBOND GLYDA for foam back carpets
- 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.

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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