



# STYCCOBOND F74

## Polyurethane Flooring Adhesive

### PRODUCT DATA

#### INTRODUCTION

**STYCCOBOND F74** is a single pack, moisture curing polyurethane adhesive suitable for fixing floorcoverings and for seaming synthetic grass carpets. It is water resistant and although it is suitable for outdoor use, it is not intended to be used as, or a substitute for a surface damp proof membrane. It is resistant to oil and grease and is suitable for use over normal underfloor heating systems.

STYCCOBOND F74 can be used for securing needlepunched / fibre bonded carpets, synthetic grass carpets, PVC, latex, polyurethane and rubber backed carpets, vinyl and rubber floorings.

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

STYCCOBOND F74 can be applied to STOPGAP smoothing underlayments, sound, smooth subfloors of concrete, granolithic, sand/cement screeds and plywood.

When laying impervious floorcoverings onto non-absorbent subfloors e.g. vinyl flooring onto terrazzo, the subfloor must be prepared and skimmed with a minimum 3mm of the appropriate STOPGAP smoothing underlayment to assist curing.

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



#### FEATURES

- Water resistant
- Suitable for outdoor use
- Resistant to water, oil and grease when cured

#### 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.

#### PACKAGING

7kg pail

Once opened the whole pack should be used or discarded.

#### TECHNICAL INFORMATION

Colour	Beige
Consistency	Thick Paste
Coverage Rate (Approx.)	1.4m <sup>2</sup> per kg with a 2mm x 6mm trowel, 2.35m <sup>2</sup> per kg with 1.5mm x 5mm trowel or 1.2m <sup>2</sup> per kg with 3mm x 6mm trowel.
Open Time	20 - 25 minutes depending on temperature, humidity and absorbency of the subfloor
Cure Time	Initial set 2 - 6 hours Full cure 48 - 72 hours

#### HOW MUCH MATERIAL?

PACK SIZE	TROWEL SIZE	COVERAGE PER UNIT
7kg	1.5mm x 5mm	16.5m <sup>2</sup>
7kg	2mm x 6mm	10m <sup>2</sup>
7kg	3mm x 6mm	8.5m <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 sound, smooth, dry (<75% RH) and free from laitance and any contaminants which will affect adhesion. Use STYCCOCLEAN CI40 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 subfloor and ambient temperatures must be above 10°C. Underfloor heating must be off for at least 48 hours before and after application.

For application in external environments, although it is not necessary for subfloors to be totally dry, the surface must be visibly dry before the adhesive is applied.

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 STOPGAP smoothing underlayments.

## PRIMING

Priming is not required.

## ADHESIVE APPLICATION

**Store the adhesive in warm conditions before use to assist spreading.**

**Fixing floorcoverings** - floorcoverings must be laid and allowed to flatten for 24 hours before securing and should be cut to fit before spreading the adhesive.

Holding the trowel at an angle of 60°, spread the adhesive evenly over an area of subfloor that can be covered within the open time of the adhesive.

Lay the floorcovering immediately and roll to ensure overall adhesion. **Apply weights as necessary to ensure contact between flooring and substrate until the adhesive has set.** With deeply profiled or rough backed floorings, it may be necessary to apply extra adhesive to ensure good contact. In such cases use a STYCCOBOND 3mm x 6mm 'V' notched trowel. This will reduce the coverage rates quoted.

### Seaming synthetic grass carpets

Holding the trowel at an angle of 60°, apply the adhesive to the seam backing material and immediately place the carpet in position. Press firmly into place and apply weights to ensure contact until the adhesive has set.

The open time of the adhesive is dependent on temperature, humidity and absorbency of the subfloor.

## PRECAUTIONS

Do not weld vinyl floorcoverings until the adhesive has fully cured.

Do not apply loads or move furniture on the floorcovering until the adhesive has fully cured.

External installations must be protected from rain until the adhesive has cured.

## TOOLS

STYCCOBOND 2mm x 6mm 'V' notched trowel or a STYCCOBOND 1.5mm x 5mm 'V' notched trowel for smooth backed resilient floorcoverings. Deeply profiled or rough backed floorings use a STYCCOBOND 3mm x 6mm 'V' notched trowel. F. Ball 68kg flooring roller.

Clean tools with STYCCOWIPES before the adhesive has cured.

## STORAGE

Store between 5°C and 30°C.

Protect from frost.

## SHELF LIFE

9 months in unopened containers stored under good conditions.

## HEALTH AND SAFETY ADVICE

This product is classified. Obtain the relevant Safety Data Sheets and follow the advice given.

These can be found at [www.f-ball.co.uk](http://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 Service Department.

**For further information about F. Ball products or more detailed technical assistance, please contact:**



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