



# STYCCO-GRIP F32

## Mastic Adhesive

### PRODUCT DATA

#### INTRODUCTION

**STYCCO-GRIP F32** is a high strength, single component, gap filling mastic adhesive for use both internally and externally. The dry film will withstand temperatures up to 50°C, making it suitable for use over normal underfloor heating.

STYCCO-GRIP F32 has excellent slump resistance which makes it ideal for bonding most substrates without the use of temporary supports.

STYCCO-GRIP F32 can be used for securing a wide range of absorbent and non-absorbent materials such as wood, wood composite materials, concrete, concrete blocks, breeze blocks, brick, stone, plaster, plasterboard, board products and rigid insulation materials - excluding expanded polystyrene. It may also be used with most metals, PVC-u extrusions and laminated plastics.

For details on other surfaces, contact our Technical Services Department.



#### FEATURES

- Gap filling properties for uneven substrates
- Single component, ready-to-use
- Suitable for absorbent and non-absorbent surfaces
- Ideal for vertical and overhead applications
- Excellent early and ultimate adhesive strengths
- Good "nip off" qualities – no messy stringing

#### STANDARDS

Conditions must comply with the relevant British Standard.

#### PACKAGES

350ml composite cartridge  
12 cartridges per carton

#### TECHNICAL INFORMATION

Colour	Light Beige
Consistency	Thick Paste
Flashpoint	Below 0°C
Coverage Rates (Approx.)	17 linear metres of 5mm diameter bead per cartridge
Open Time (Approx.)	5 minutes depending on temperature, humidity and absorbency of substrate

#### HOW MUCH MATERIAL?

PACK SIZE	BEAD DIAMETER	COVERAGE PER UNIT
350ml	5mm	17 linear meters

Note: Coverage rates will depend on the condition and absorbency of the substrate.

## SURFACE PREPARATION

Proper surface preparation is essential. Substrates must be 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. Where surface smoothing is required use STOPGAP smoothing underlayments. Metal surfaces must be abraded to remove scale and provide a key. The underside of metal nosings should be cleaned with STYCCOCLEAN SOLVENT.

For detailed information, request the F. Ball Subfloor Preparation Guide.

## ADHESIVE APPLICATION

Insert the cartridge into the application gun, cut the nozzle at a 45° angle to the required diameter and break the seal at the bottom of the nozzle. For best results a 5mm bead should be run out and the surfaces brought together with a slip action to ensure that any skin of the applied bead is dispersed.

**Nosings:** Place the nosing in position on the step and mark a line on the step as a guide for application. Remove the nosing and apply a 5mm bead of adhesive along the angle edge, the full length of the step. Apply another bead of adhesive about 10mm inside the marked line and additional beads, according to the width of the nosing e.g. 50mm=3 strips, 75mm=4 strips etc.

**Extrusions and grippers:** Place the extrusion or gripper in position and mark the base along both edges as a guide to adhesive application. Remove the extrusion or gripper and apply a bead of adhesive approximately 10mm inside each guide line. Add further beads of adhesive about 10mm inside the marked line and additional beads, according to the width of the extrusion e.g. 50mm=3 strips, 75mm=4 strips etc.

Make the bond by one of the techniques described below.

## TECHNIQUES

**METHOD 1** - Place the nosing etc. in position as soon as possible after the adhesive has been applied and in any case within the open time. Apply maximum pressure along the full length and pin at both ends to prevent movement until the adhesive has set, about 24 - 48 hours on absorbent surfaces.

**METHOD 2** - Place the nosing etc. in position within the adhesive's open time, press firmly into place and then remove it again. Leave the two adhesive coated surfaces open for 5 minutes, to allow the solvent to evaporate, then replace the nosing etc. and apply maximum pressure along the full length. Pin at both ends to prevent movement until the adhesive has set, about 24 hours. This method is particularly recommended for non-absorbent surfaces.

## PRECAUTIONS

Prevent the use of stairs where nosings etc. have been fixed until the adhesive has fully set. We recommend that nosings are also mechanically fixed.

Do not stretch carpets onto grippers until the adhesive has fully set.

Where the bond is going to be subjected to any loading, before the adhesive has fully set, mechanical support must be used to prevent the adhesive from being disturbed.

The bond line must be protected from driving rain and standing water. Do not use on damp surfaces.

Solvents within the product may attack sensitive plastics. If in doubt, a small area should be tested first for suitability.

Highly flammable, observe the Health and Safety information provided.

## TOOLS

Applicator Gun.

## STORAGE

Store between 5°C and 30°C in accordance with current regulations for highly flammable liquids.

Protect from frost.

## SHELF LIFE

12 months in unopened containers stored under good conditions.

## HEALTH AND SAFETY ADVICE

This product is classified under the Chemicals (Hazard Information and Packaging for Supply) Regulations. Obtain the relevant Material 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.

This data sheet is for guidance purposes only and may contain information that is inappropriate for certain conditions. Further information is available from our Technical Services Department.

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



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