



# STYCCOBOND B95

*High Performance, Elastic  
Wood Flooring Adhesive*

## PRODUCT DATA

### INTRODUCTION

STYCCOBOND B95 is a high performance, one part, flexible, moisture curing polyurethane adhesive used for installing a wide range of wood floorcoverings. It is non-flammable and is quick setting to develop a high bond strength. It is protected against bio-degradation and suitable for use over normal underfloor heating.

STYCCOBOND B95 can be used for securing engineered boards (semi-solids) and a wide range of plank and wood strip flooring.

STYCCOBOND B95 can be applied to STOPGAP levelling compounds, structurally sound, smooth, dry subfloors of concrete, sand/cement screed and plywood (Minimum 6mm flooring grade WBP).

Sound asphalt and other non-absorbent surfaces must be skimmed with a minimum of 3mm of the appropriate STOPGAP levelling compounds.

STYCCOBOND B95 can also be applied directly to STOPGAP waterproof surface membranes within 24 hours of the membrane curing.

### SURFACE PREPARATION

Proper subfloor preparation is essential for the correct installation of any floorcovering. Subfloors must be structurally sound, smooth, dry (<65% 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 our Subfloor Preparation Guide.

### TECHNICAL INFORMATION

|                          |   |
|--------------------------|---|
| Colour                   | Beige   |
| Installation Conditions  | Ambient temperature must be above 15°C  |
| Coverage Rates (approx.) | 800g/m <sup>2</sup> with a B3 or 3mm x 6mm trowel or 1000g/m <sup>2</sup> with a B11 trowel |
| Sausage                  | 1.0m <sup>2</sup> - 2.0m <sup>2</sup> applied at 125 - 250mm centres                        |
| Open Time                | Up to 20 minutes depending on temperature, humidity and absorbency of the subfloor          |
| Consistency              | Paste   |
| Shore A Hardness         | 44  |
| Shear Strength           | ≥1.0 N/mm <sup>2</sup>  |
| Shear Elongation         | ≥2.0  |



### FEATURES

- Flexible with high bond strength
- Quick setting
- Isocyanate and solvent free
- Suitable for a wide range of wood floorcoverings
- Can be applied directly to STOPGAP Waterproof Surface Membranes

### 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 8201 (The code of practice for installation of flooring of wood and wood-based panels) and supplementary specifications.

### PACKAGING

8kg plastic bucket  
15kg plastic bucket  
1 kg foil / sausage - 15 per carton

### HOW MUCH MATERIAL?

| PACK SIZE | TROWEL NOTCH SIZE | COVERAGE PER UNIT    |
|-----------|-------------------|----------------------|
| 8kg       | B3 3mm x 6mm      | 10 m <sup>2</sup>    |
| 8kg       | B11               | 8 m <sup>2</sup>     |
| 15kg      | B3 3mm x 6mm      | 18,75 m <sup>2</sup> |
| 15kg      | B11               | 15 m <sup>2</sup>    |

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

## LEVELLING

To ensure a level surface on which to adhere to, uneven and irregular surfaces should be suitably prepared using STOPGAP levelling compounds. F. Ball recommends the use of STOPGAP 200 *SMOOTH*, STOPGAP 300 *HD* or STOPGAP 700 *SUPERFLEX* due to their high performance characteristics. Application should be in accordance with instructions on the appropriate Technical Data Sheet.

## PRIMING

Priming is not required.

## ADHESIVE APPLICATION

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. Place the wood flooring in position and press firmly over the whole surface to ensure good transfer.

Longer lengths of wood flooring may require weighting or clamping to ensure permanent contact whilst the adhesive is setting.

### Beaded (Baton) Application Using the Sausage

This adhesive application method is generally suitable for areas up to 20 m<sup>2</sup> and for use with random length wood flooring between 18 - 28mm in thickness and with a width between 50 - 120mm, providing a minimum 3 adhesive beads are in contact with the each length of flooring.

Place the sausage into the applicator gun and cut the end off the foil. Replace the cap and cut the plastic nozzle to provide a bead of approximately 10mm.

To a smooth dry absorbent base gun out a bead of Styccobond B95 at 125 - 250 mm centres depending on the type of timber flooring being fitted. Only gun out sufficient length of bead to enable placement of the wood flooring without the adhesive skinning and curing, any remaining cured adhesive must be scraped away. Place the wood flooring at right angles to the adhesive bead ensuring any unsupported ends receive an additional adhesive bead, then press the wood into place ensuring that a good overall adhesive contact is maintained whilst the adhesive cures.

Coverage rates - A 1kg sausage will cover between 1.0 - 2.0 m<sup>2</sup> when applied between 125 - 250mm centres and depending upon the surface profile.

This application method is not suitable when using particularly sensitive floor coverings such as bamboo or those with a high oil content.

Before installing the timber flooring, reference should be made to the flooring manufacturers conditioning and fitting instructions.

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

## CURE TIME

STYCCOBOND B95 is moisture curing and cure time is dependent on the moisture contained within the base and timber. Generally finishing operations can be commenced after 16 hours on absorbent bases, but up to 3 days on surfaces with little or no absorbency.

## PRECAUTIONS

Do not commence finishing operations until the adhesive has set – typically 16 hours on absorbent bases - this will be extended for lower temperatures and non-absorbent subfloors. Ensure that no adhesive residue is present on the surface of the wood flooring. Remove excess adhesive from floorcovering before it has cured with a dry, clean cloth.

Ensure the timber flooring is acclimatised prior to installation and remains in full contact with the adhesive film while it cures.

Please refer to F. Ball Technical Service Department for specific guidance in the case of pre-treated types of wood and those with high oil contents.

## DAMP SUBFLOORS

Prior to the installation of a wood floorcovering the Relative Humidity of the subfloor should be checked using a Hygrometer. F. Ball would always recommend a RH value of 65% or less, however the wood flooring manufacturer should also be consulted.

Where necessary, treat with the appropriate STOPGAP waterproof surface membrane.

## TOOLS

STYCCOBOND 3mm x 6mm or a B3 or a B11 'V' notched trowel.

Applicator gun for 1kg sausage.

Tools should be cleaned with F. Ball STYCCOWIPES immediately after use.

## STORAGE

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

## SHELF LIFE

12 months in unopened buckets and stored under good conditions.

24 months in foil sausage.

## HEALTH AND SAFETY ADVICE

This product is not classified. Obtain the relevant Safety Data Sheet and follow the advice given. These can be found at [www.f-ball.com](http://www.f-ball.com) or alternatively 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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