



# STYCCOBOND B96

## Flexible Wood Flooring Adhesive

### INTRODUCTION

STYCCOBOND B96 is a 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 suitable for use over normal underfloor heating.

STYCCOBOND B96 can be used for securing engineered boards (solid) and a wide range of parquet, plank and wood strip flooring.

STYCCOBOND B96 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.

Other non-absorbent surfaces must be skimmed with a minimum of 3mm of the appropriate STOPGAP smoothing compound.

STYCCOBOND B96 can also be applied directly to STOPGAP epoxy waterproof surface membranes within 24 hours of the membrane curing.

### TECHNICAL INFORMATION

Colour	Beige
Consistency	Paste
Installation Conditions	Ambient temperature must be above 15°C
Coverage rates (Approx.)	Up to 900g/m <sup>2</sup> with a B3 'V' notched trowel Up to 1150g/m <sup>2</sup> with a B11 'V' notched trowel
Open time	Up to 20 minutes depending on temperature, humidity and absorbency of the subfloor
Shore A Hardness	65
Shear Strength	≥ 1.0 N/mm <sup>2</sup>
Shear Elongation	≥ 1.0

### COVERAGE

PACK SIZE	TROWEL SIZE	COVERAGE PER UNIT
15kg	B3	16.75m <sup>2</sup>
15kg	B11	13m <sup>2</sup>

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

### FEATURES

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

### STANDARDS

All aspects of the installation of floorcoverings should be in accordance with the relevant Australian Standards.

Adhesive meets the requirements of EN ISO 17178 as an elastic adhesive.

## 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

Prior to the installation of a wood floorcovering the Relative Humidity of the subfloor must be tested for moisture content ensuring the reading is below 75% in accordance with ASTM F2170 insitu probe method.

Where the value is greater than 75% RH, the appropriate STOPGAP waterproof surface membrane should be applied.

## LEVELLING

To ensure a level surface on which to adhere to, uneven and irregular surfaces should be suitably prepared using STOPGAP smoothing compounds. F. Ball recommends the use of STOPGAP RED BAG or STOPGAP 1600 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.

STYCCOBOND B96 is moisture curing and cure time is dependent on the moisture contained within the base and timber. Generally finishing operations can be commenced after 24 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 24 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.

## TOOLS

- STYCCOBOND B3 or a B11 'V' notched trowel
- Tools should be cleaned with F. Ball STYCCO-WIPES immediately after use

## STORAGE

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

## PACK SIZE

15kg bucket containing 2 x 7.5kg foil pouches

## SHELF LIFE

18 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](http://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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