



# STYCCOBOND F21

## Wood Block Flooring Adhesive

### PRODUCT DATA

#### INTRODUCTION

**STYCCOBOND F21** is a high temperature grade bitumen/rubber emulsion adhesive designed for application by dipping. It is non-flammable, protected against bio-degradation and is suitable for use over normal underfloor heating installations.

STYCCOBOND F21 can be used for securing individual wood blocks at least 12mm thick, made from a wide variety of woods.

STYCCOBOND F21 can be applied to STOPGAP levelling compounds, structurally sound, smooth, dry, absorbent subfloors of concrete and sand/cement screed and plywood (minimum 6mm flooring grade).

STOPGAP waterproof surface membranes, sound asphalt and other non-absorbent surfaces must be skimmed with a minimum of 3mm of the appropriate STOPGAP levelling compounds.



#### FEATURES

- Foot traffic in 1 hour
- Traditional dipping adhesive for wood blocks
- Solvent free
- Single component, ready-to-use

#### 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 the installation of flooring of wood and wood-based panels) and any supplementary specifications.

#### MATERIALS

15kg plastic bucket  
5kg plastic bucket

#### TECHNICAL INFORMATION

Colour	Black
Coverage Rates (approx.)	1m <sup>2</sup> per kg
Open Time	Up to 30 minutes depending on temperature, humidity and absorbency of the subfloor.

#### HOW MUCH MATERIAL?

PACK SIZE	COVERAGE PER UNIT
15kg	15m <sup>2</sup>
5kg	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 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.

## 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 an 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 prior to application of the appropriate levelling compound.

## 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 relevant Technical Data Sheet.

## PRIMING

On suitably prepared, absorbent surfaces use STYCCOBOND F2I diluted 1 part to 3 parts of water or use STOPGAP P13I diluted 4 parts of water and stir until thoroughly dispersed. This should be allowed to dry thoroughly before proceeding with the installation.

For dry (<65% RH) and suitably prepared anhydrite screeds use STOPGAP P12I.

## TOOLS

Shallow pan to act as a reservoir for the adhesive and into which the blocks are dipped.

Tools should be cleaned with water while the adhesive is still wet.

## ADHESIVE APPLICATION

Stir thoroughly and then pour into a shallow pan. Dip the bottom face of each block into the adhesive and place into position immediately. Setting begins at once and foot traffic can be allowed after one hour.

When setting a head row, STYCCO FLEX Rapid Curing Flexible Adhesive is recommended.

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

## PRECAUTIONS

Do not dip the blocks too deeply as this can cause staining at the joints.

Do not commence finishing operations until at least 24 hours after laying.

Be careful not to get adhesive on the surface of the blocks. Any contamination that does occur should be removed immediately with a wet cloth. If any adhesive should dry on the surface it can be removed by the careful use of white spirit.

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.

## STORAGE

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

## SHELF LIFE

12 months in unopened buckets and stored under good conditions.

## 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.co.uk](http://www.f-ball.co.uk) 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:



F. Ball and Co. Ltd.

Churnetside Business Park  
Station Road, Cheddleton, Leek  
Staffordshire ST13 7RS  
United Kingdom

Tel: +44 (0) 1538 361633

Fax: +44 (0) 1538 361622

Tech Service Fax: +44 (0) 1538 361567

Email: [mail@f-ball.co.uk](mailto:mail@f-ball.co.uk)

[www.f-ball.co.uk](http://www.f-ball.co.uk)

