



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 smoothing underlayments, structurally sound, smooth, dry, absorbent subfloors of concrete and sand/cement screed and plywood (minimum 6mm flooring grade WBP).

STOPGAP Waterproof Surface Membranes, sound asphalt and other non-absorbent surfaces must be skimmed with a minimum of 3mm of the appropriate STOPGAP smoothing underlayment.



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 flooring timber, timber products and wood based panel products) and any supplementary specifications.

MATERIALS

15kg plastic bucket
5kg plastic bucket

TECHNICAL INFORMATION

Colour	Black
Coverage Rates (approx.)	1m ² 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 ²
5kg	5m ²

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 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 STOPGAP Waterproof Surface Membranes prior to application of the appropriate smoothing underlayment. Use STOPGAP F76 HP or STOPGAP F76 One-Coat application system for RH values up to 92%. For RH values up to 98% use STOPGAP F75 Two-Coat application system.

Note: STOPGAP Waterproof Surface Membranes should not be used with underfloor heating systems.

SMOOTHING

To ensure a level surface on which to adhere to, uneven and irregular surfaces should be suitably prepared using STOPGAP smoothing underlayments. F. Ball recommends the use of STOPGAP 100 RAPID, STOPGAP 200 SMOOTH or STOPGAP 300 HD for this purpose due to their high performance characteristics. Application should be in accordance with instructions on the appropriate Technical Data Sheet.

PRIMING

On suitably prepared, absorbent surfaces use STYCCOBOND F2I diluted 1 part to 3 parts of water or use STOPGAP PI3I 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%) and suitably prepared anhydrite screeds use neat STOPGAP PI2I.

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, STYCCOBOND F33 Rapid Set Polyurethane 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 Services 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 under the Chemicals (Hazard Information and Packaging for Supply) Regulations. Obtain the relevant Material Safety Data Sheet and follow the advice given. These can be found at 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 Services Department.

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



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