

# STYCCOBOND F40 HIGH-TACK ADHESIVE - DUAL BOND SYSTEM

CI/SfB 1976 reference by SfB Agency

(43) Yt3

**PRODUCT DATA SHEET**  
PUBLISHED OCTOBER 2004

**SITE CONDITIONS VARY, TO ENSURE THIS ADHESIVE IS SUITABLE AND CONFIRM THIS DATA SHEET IS CURRENT, PLEASE CALL OUR TECHNICAL SERVICES DEPARTMENT.**

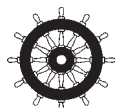
**DESCRIPTION** - A synthetic polymer emulsion adhesive, developed to provide a peelable bond for release underlays or permanent bond adhesive when fixing carpets. It is water based, contains no solvent and dries to form a transparent, permanently tack coating.

The type of bond achieved is dependent on when the floorcovering is laid into the adhesive. Laying the floorcovering into the adhesive once it has dried enables the underlay or carpet to be lifted when required, without significant damage to either floorcovering or subfloor. Laying the floorcovering into wet adhesive gives a permanent bond. Suitable for use over normal underfloor heating installations.

**FOR SECURING** - A wide range of carpets which include those with woven polypropylene, Actionbac, unitary and many other backings. Also suitable for fixing certain release underlays which have been specifically developed for release bonding. See the current **STYCCOBOND Recommended Adhesives Guide** for details of specific carpets and underlays.

**ONTO** - Sound, smooth, dry surfaces of concrete; granolithic; sand/cement screed, STOPGAP and other smoothing underlayments; flooring grade chipboard, plywood; hardboard; corrosion treated steel; thermoplastic floor tiles; quarry tiles; terrazzo, STOPGAP F75 and STOPGAP F76. Asphalt must be skimmed with a minimum of 3mm of the appropriate smoothing underlayment.

**STANDARDS** - All aspects of the installation of floorcoverings should be in accordance with the requirements of BS5325 (Installation of textile floorcoverings) and supplementary specifications.



Tested to the standards of the International Marine Organisation and approved for use in marine floor installations by Det Norske Veritas.

**PREPARATION** - Proper subfloor preparation is essential to the correct installation of any floorcovering. Surfaces must be sound, smooth, dry and free from any contaminants which will affect adhesion.

Existing smooth floorings must be firmly fixed with all traces of polish removed. For detailed information on subfloor preparation request our **Floor Preparation Guide** Booklet.

**DAMP BASES** - Treat with STOPGAP waterproof surface membranes.

**SMOOTHING** - Use STYCCOSCREED or STOPGAP smoothing underlayments.

**CLEANING** - Use STYCCOCLEAN C140 for removing grease, oil, polish, soap, etc.

**PRIMING** - Use STYCCOBOND F70, STOPGAP P131 or STOPGAP P121.

**TOOLS** - STYCCOBOND 1.5mm x 5mm 'V' notched trowel, or paint roller. Tools should be cleaned with water while the adhesive is still wet.

## TECHNICAL CHARACTERISTICS

<b>COLOUR</b>	- White.
<b>CONSISTENCY</b>	- Viscous Liquid.
<b>SPECIFIC GRAVITY</b>	- 1.01 Typical.
<b>COVERAGE</b>	- 4m <sup>2</sup> - 7m <sup>2</sup> per litre with 1.5mm x 5mm trowel. 7m <sup>2</sup> - 9m <sup>2</sup> with a roller.
<b>DRYING TIME</b>	- Approximately 40 minutes.
<b>STORAGE</b>	- Store between 5°C and 30°C. Protect from frost.
<b>SHELF LIFE</b>	- 12 months stored under good conditions.
<b>PACKAGES</b>	- 15 and 5 litres.

## **APPLICATION - DUAL BOND SYSTEM**

**Peelable bond - carpets** - Holding the notched trowel at an angle of 60°, apply the adhesive evenly to the subfloor. Allow the adhesive to dry completely to a clear tacky coating before laying the carpet. Following the carpet manufacturer's instructions, lay the floorcovering and press from the centre outwards to exclude air and then apply pressure by rolling with a 68 kg flooring roller, from end to end and side to side.

**Peelable bond - underlays** - Apply the adhesive to the subfloor using the notched trowel or paint roller as specified by the underlay manufacturer. Allow the adhesive to dry completely to a clear tacky coating before laying the underlay. Following the underlay manufacturer's instructions, lay the material and press from the centre outwards to exclude air and then apply pressure using the STYCCOBOND Glyda or soft bristle broom to ensure overall adhesion. The carpet can then be permanently bonded to the underlay immediately, with the recommended adhesive using normal installation techniques.

(continued overleaf)



### **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  
(For technical service enquiries only Fax: +44 (0) 1538 361567)  
E mail: mail@f-ball.co.uk Internet: www.f-ball.co.uk



#### **APPLICATION -**

**Permanent bond - carpets** - Holding the notched trowel at an angle of 60°, apply the adhesive evenly to the subfloor. Leave the adhesive open for 10-15 minutes before laying the carpet. Following the carpet manufacturer's instructions, lay the floorcovering and press from the centre outwards to exclude air and then apply pressure by rolling with a 68 kg flooring roller, from end to end and side to side.

It may be necessary to re-roll the carpet 30 minutes later, depending on conditions, to ensure overall adhesion is maintained.

**PRECAUTIONS** - If a peelable bond is specified **do not** lay the underlay or carpet before the adhesive has completely dried as this will impair its release and may result in a permanent bond being formed.

Not all carpets are suitable for use over release underlay systems, check with the carpet manufacturer before proceeding.

Do not apply the adhesive too thinly as this will reduce adhesion. We would suggest that carpets are best maintained using dry cleaning methods in preference to wet extraction, thus avoiding potential for damage to the adhesive bond caused by excessive use of cleaning fluids.

#### **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 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 overleaf.

