



# STIX A800 PREMIUM

## ULTRA HIGH PERFORMANCE ADHESIVE FOR ALL TYPES OF SOFT FLOOR COVERINGS

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Fact Sheet No.: TDS02133

### YOUR SMART ADVANTAGES

- Ideal for LVT and rubber
- High initial grab
- Long working time

### USES

Bostik STIX A800 PREMIUM is a solvent-free acrylic adhesive with very low VOC emissions (EC1 Plus), and a very powerful immediate grab.

The early bond strength build up coupled with high final bond strength make it ideal for LVT planks and tiles as well as rubber flooring. It may also be used with most resilient flooring including PVC sheet and tile flooring (both heterogeneous and homogenous), cushioned vinyl, non PVC based (e.g. polyolefin) sheet flooring, linoleum sheet and tile and thermal acoustic underlays.

It is ideal for sports facilities, PVC wet rooms, commercial areas, hospitals, schools, and residential and domestic uses.

### PRODUCT CHARACTERISTICS

Colour	Ivory
Form	Medium viscosity paste
Specific Gravity	1.24 to 1.34 approx.
Composition	Water-based acrylic
Product Codes	30616798 12kg bucket 30615491 18kg bucket
Storage/Shelf Life	Store and transport securely in an upright position. Ensure the lid is secure. Store for up to 12 months from date of manufacture in original, unopened packaging in cool, dry

conditions within the temperature range +10°C to +30°C and out of direct sunlight. Protect from frost.

### TYPICAL PERFORMANCE DATA (approx.)

Application Temperature	+10°C to +25°C
Coverage	Up to 48m <sup>2</sup> per 12kg (depending on the trowel used, smoothness of the floor surface & application technique)
Waiting Time	Rubber: approx. 5 minutes PVC: approx. 10 to 15 minutes (depending on ambient conditions)
Open Time	Rubber: approx. 30 minutes PVC: approx. 60 minutes (depending on ambient conditions)
Drying Time	Foot traffic approx. 12 hours Full cure approx. 24 to 48 hours (depending on ambient conditions)
VOC emissions	Very low emissions EC1 Plus
Cleaning	Clean tools and equipment with warm water immediately after use

### DIRECTIONS FOR USE

IMPORTANT: Before using Bostik STIX A800 PREMIUM, refer to the relevant Health and Safety Data Sheet, available at [www.bostik.com/uk](http://www.bostik.com/uk).

All phases of installation should comply with the latest editions of:

- BS 8102 Code of Practice for protection of building

against water from the ground.

- BS 5325 Code of Practice for the installation of textile floor coverings.
- BS 8203 Code of Practice for the installation of resilient floor coverings.

### PREPARATION

#### Subfloor:

1. Ensure the subfloor is clean, sound, dry and free from contaminants that may hinder adhesion.
2. The subfloor should be tested in accordance with British Standards using a properly calibrated and insulated hygrometer.
3. A reading of 75% RH or less confirms that the subfloor is satisfactorily dry. Where this has not been attained, it is necessary to apply a Bostik Screedmaster surface membrane to suppress residual moisture. For further information, contact Technical Services.
4. If any areas of the subfloor are in need of localised repairs, use Bostik Screedmaster Rapid Repair Mortar.
5. For subfloors that are not sufficiently smooth or require height build up to receive the particular floor covering being bonded, an application of a suitable Bostik Screedmaster smoothing compound and primer system is recommended. Please consult Technical Services for advice on specific products and subfloors.
6. Very absorbent subfloors such as open textured screeds and plywood should be primed prior to applying adhesive, with a suitable Bostik primer. Allow the primer to fully dry.
7. Priming reduces over-absorption of the adhesive into the substrate, giving a good working time and strong adhesive bond.
8. Before applying any adhesive, ensure the substrate is dry and dust free.

### APPLICATION

FLOOR COVERING	TROWEL SIZE	COVERAGE RATE
Coverings with a smooth backing	A2	0.2kg to 0.25kg/m <sup>2</sup>
Coverings with a textured backing	B1	0.3kg to 0.35kg/m <sup>2</sup>
Coverings with a profiled backing	B2	0.4kg/m <sup>2</sup> to 0.45kg/m <sup>2</sup>

### APPLICATION PROCESS

9. Select appropriate trowel size and application method for the floor covering and apply the adhesive evenly onto the subfloor, holding the trowel at an angle of 60°.
10. To minimise the effect of adhesive serrations showing through thin floor coverings, pre-wet a roller with

adhesive and flatten what has been applied to the subfloor.

11. Avoid puddle formation and allow an appropriate open time before laying the floor covering.
12. Lay floor covering while adhesive is tacky and receptive.
13. Bond the floor covering by applying pressure with a clean roller. Repeat after 30 minutes to expel trapped air and ensure good contact.
14. Do not weld the joints before the adhesive has had sufficient time to develop a good bond (approx. 24 hours after installation).
15. Room conditions must be maintained for 24 hours while the adhesive fully cures.

### CLEANING

16. Clean tools and equipment with warm water immediately after use. Remove any adhesive from the surface of the floor covering with a damp cloth.

### PRECAUTIONS IN USE

For any application not covered, please contact Technical Services on +44 (0) 1785 272625 or visit [www.bostik.com/uk](http://www.bostik.com/uk) for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for Bostik STIX A800 PREMIUM, available at [www.bostik.com/uk](http://www.bostik.com/uk).



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