



# STIX A640 PRESSURE SENSITIVE

## ACRYLIC ADHESIVE FOR PVC SHEET & TILE FLOORCOVERINGS

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Fact Sheet No.: TDS02178

### YOUR SMART ADVANTAGES

- Ideal for design floor coverings
- Excellent bond strength
- Highly tacky

### USES

Bostik STIX A640 PRESSURE SENSITIVE is a high performance, solvent-free, pressure sensitive acrylic adhesive, which is ideal for bonding PVC sheet and tile coverings.

Bostik STIX A640 PRESSURE SENSITIVE adhesive has been specially formulated to give a high initial tack and excellent bond strength, and dries to form a permanently tacky film. It offers high performance as either a wet or dry stick adhesive.

Bostik A640 PRESSURE SENSITIVE provides a smooth, easy application with excellent workability, which makes it ideal for use with all types of PVC floorcoverings. It can be applied to smoothing compounds, concrete, sand/cement screeds, flooring grade plywood, chipboard, hardboard and screed boards.

### PRODUCT CHARACTERISTICS

Colour	White (dries clear)
Form	Viscous liquid
Specific Gravity	1.02 approx.
Composition	Water-based acrylic
Product Codes	30620335 15kg 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.

### PERFORMANCE DATA

Application Temperature	+10°C to +25°C
Coverage	0.25kg to 0.40kg/m <sup>2</sup> (depending on the trowel used, smoothness of the floor surface)
Waiting Time	10 to 15 minutes (depending on ambient conditions)
Open Time	60 minutes (depending on ambient conditions)
Drying Time	Foot traffic approx. 12 hours Full cure approx. 24 to 48 hours (depending on ambient conditions)
Cleaning	Clean tools and equipment with warm water immediately after use
Walk-on Time	Wet stick – after 12 hours Dry stick – immediately after installation of flooring

### DIRECTIONS FOR USE

**IMPORTANT:** Before using Bostik STIX A640 PRESSURE SENSITIVE, 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 be undertaken in accordance with the latest editions of:

- BS 8102 Code of Practice for protection of structures against water from the ground.
- BS 5325 Code of Practice for installation of textile floor coverings.
- BS 8203 Code of Practice for installation of resilient floor coverings.
- BS 8201 Code of Practice for installations of flooring of timber, timber products and wood based panel products.

## PREPARATION

### Subfloor:

- Ensure the subfloor is clean, sound, dry and free from contaminants that may hinder adhesion.
- The subfloor must be tested for moisture in accordance with BS 8203:2017 Annex B. A reading of 75%RH or less confirms that the subfloor is satisfactorily dry. For readings above 75%RH a suitable Bostik surface applied damp proof membrane must be used.
- Any contaminants that may hinder adhesion such as grease, oil, dirt, dust, polish, or surface treatments must be completely removed.
- For subfloors that are not sufficiently smooth or require height build-up to receive the particular floor covering, an application of a suitable Bostik smoothing compound and primer system is recommended. Please consult Technical Services for advice on specific products and subfloors.
- Before applying any adhesive, ensure the substrate is dry and dust free.
- The temperature of the subfloor must be at least +15°C throughout the application and drying of the smoothing adhesive. Ensure that a maximum room temperature of +25°C is not exceeded during application. Room conditions must be maintained for 24 hours while the adhesive fully cures.

### Underfloor heating systems:

- Warm water underfloor heating systems must be switched off for 48 hours prior to, during and for a minimum of 48 hours after application. After this time, gradually turn up the underfloor heating until operational temperature is achieved.

## PRIMING

- In certain cases on very absorbent open textured screeds, it may be beneficial to prime the surface using Bostik GRIP A526 Universal. Diluted 1 part

Bostik GRIP A526 UNIVERSAL to 4 parts cold, clean water. Allow the primer to fully dry.

- Priming reduces over-absorption of the adhesive and improves workability, coverage and bond strength.

## APPLICATION

TROWEL SIZE	COVERAGE RATE
A1	0.2kg to 0.25kg/m <sup>2</sup>
A2	0.3kg to 0.35kg/m <sup>2</sup>
1.5mm x 5mm	0.4kg to 0.45kg/m <sup>2</sup>

## APPLICATION PROCESS

- 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°.

### Wet stick Applications:

- Apply the adhesive to the substrate using the appropriate trowel size. Allow the adhesive to air for 10-15 minutes. Once the adhesive has sufficiently aired to form a tacky film over the adhesive ridges, place the flooring into the adhesive bed.
- Immediately roll the flooring using a 68kg heavy roller to dispel any trapped air and ensure there is a transfer of adhesive onto the backing of the floor covering. After 30 minutes, roll again.

### Dry stick Applications:

- Apply the adhesive to the substrate using the appropriate trowel size. Allow the adhesive to air until it becomes fully clear 30-60 minutes. Once the adhesive has sufficiently aired to form a clear and permanently tacky film, place the flooring into the adhesive bed.
- Immediately roll the flooring using a 68kg roller to dispel any trapped air. After 30 minutes, roll again.

### Roller Application:

- To minimise the effect of adhesive serrations showing through thin floor coverings, a roller pre-wetted with adhesive can be used to flatten what has been applied to the subfloor, ensuring that none of the adhesive applied is removed. This creates a uniform appearance and maximises surface contact with the floor covering. Place the floor covering immediately after application of the adhesive.

### Non-absorbent surfaces:

- Apply adhesive as above, but allow to air until the desired level of airing has been achieved (10-15 minutes for wet stick applications and 30-60

minutes for dry stick applications). Place the flooring into the adhesive bed and immediately roll using a 68kg flooring roller. After 30 minutes, roll again.

**Advisory:**

- Always follow the floor covering manufacturers' installation guidance.
- Do not weld the joints before the adhesive has had sufficient time to develop a good bond (approx. 24 hours after installation).

**CLEANING**

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 A640 PRESSURE SENSITIVE, available at [www.bostik.com/uk](http://www.bostik.com/uk).

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