



# STIX A740 MULTI BEST

## PREMIUM SOLVENT-FREE ACRYLIC ADHESIVE FOR RESILIENT FLOOR COVERINGS

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Fact Sheet No.: TDS02153

### YOUR SMART ADVANTAGES

- Multi-functional adhesive
- Wide open time range
- Suitable for most resilient flooring applications

### USES

Bostik STIX A740 MULTI BEST is a resin modified solvent-free acrylic adhesive that offers a long open time. Bostik STIX A740 MULTI BEST is recommended for use with both homogenous and heterogeneous PVC sheet and tile floor coverings, LVT (design flooring), linoleum, rubber flooring (max 4mm)\*, thermal acoustic underlays and most textile floorcoverings.

Bostik STIX A740 MULTI BEST's unique formulation offers extremely strong wet bonding whilst also giving a long open time, offering pressure sensitive characteristics. Double drop and contact bonding applications can be carried out for application onto dense surfaces or for coving requirements.

Note: for PVC backed carpets use Bostik STIX A550 POWER ELASTIC adhesive and for fibre bonded carpets use Bostik STIX A520 TEX POWER or Bostik STIX A530 CARPET.

\*Always check with rubber flooring manufactures to ensure acrylic type adhesives are recommended with their specific product.

### PRODUCT CHARACTERISTICS

Colour	Off white
Form	Medium viscosity paste
Specific Gravity	1.15 approx.
Composition	Acrylic polymer and resins
Product Codes	30615765 13kg

### Storage/Shelf Life

Store and transport securely in an upright position. Ensure the lid is secure. Store for up to 24 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

+18°C to +23°C  
(always follow the floor covering manufacturer's advice)

#### Coverage

0.28kg - 0.3kg/m<sup>2</sup>  
(depending on the trowel used, smoothness of the floor surface & application technique)

#### Waiting Times

Wet adhesion approx. 10 - 15 minutes  
Adhesion approx. 45 - 60 minutes  
(depending on ambient conditions)

#### Open Times

Approx. 60 minutes  
(depending on ambient conditions)

#### Drying Times

Foot traffic approx. 24 hours  
(depending on ambient conditions)

#### VOC emissions

Very low emissions EC1

#### Cleaning

Clean tools and equipment with warm water immediately after use

### DIRECTIONS FOR USE

**IMPORTANT:** Before using Bostik STIX A740 MULTI BEST, 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	STICKING METHOD
Homogenous PVC sheet & tile	A2 or 1.5 x 5mm	Wet
Heterogeneous PVC Sheet & tile	A2 or 1.5 x 5mm	Wet or semi
LVT^	A2 or 1.5 x 5mm	Wet
Vertical & coving	A2 or 1.5 x 5mm	Contact
Vinyl onto vinyl or onto acoustic flooring	A2 or 1.5 x 5mm	Double drop

Linoleum (max. 3.5mm thick)	B1 or 2 x 6mm	Wet
Rubber** (max 4mm thick)	Subject to backing	Wet
Foam & gel backed carpets	A2 or 1.5 x 5mm	Wet or semi
Fibre bonded carpets***	B1 or 2 x 6mm	Wet
Woven carpets	B1 or 2 x 6mm	Wet or Semi
Acoustic flooring	A2 or 1.5 x 5mm	Wet or semi
LVT & vinyl tiles onto acoustic underlay^	A2 or 1.5 x 5mm	Semi

\*\* Important that site conditions at minimum +18°C

\*\*\* Re-rolling after nominally 30 minutes will be required with particularly "boardy" fibre bonded carpets

^ Check with floor covering manufacturer

Due to its unique multi-functionality the application method to achieve best performance will depend on the floor covering being installed and bond strength required. All timings are approximate and are based on good ambient conditions required by the codes of practice BS8203 and 5325 for the installation of the floor coverings.

See 'Application Recommendations' table for information on floor covering type, trowel size and sticking method.

**Wet stick:** Allow a minimum 10 minute open time. Ensure the adhesive is still offering wet transfer (use the finger test) before laying flooring. A longer open time may be preferred for tile applications to minimise slippage.

**Semi wet stick:** Allow adhesive a nominal 45 minute open time until the adhesive attains a tacky surface but still has slight transfer. For some thin vinyl sheet and translucent vinyl, it is advisable to roll out and flatten the notches using a lambswool roller pre-wetted with adhesive. This can help to minimise potential trowel line shadow through the vinyl.

**Double drop:** For use on non-absorbent surfaces. To accelerate drying and bond formation, the floor covering should be rolled into adhesive as per wet stick. Peel floor covering back ensuring wet transfer to both surfaces has taken place. Leave to "air" until the adhesive on both the substrate and floor covering has lost their wet transfer (typically 20 to 60 minutes) and then carefully roll floor covering back in place ensuring no air entrapment occurs.

**Contact adhesive:** Apply adhesive to both substrate and floor covering using a fine notched trowel or roller. Allow to fully dry (60 to 120 minutes). Using a warm air gun, warm the adhesive and floor covering, carefully apply pressure, install the floorcovering.

### 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°.

Leave the adhesive for the appropriate open time.

10. Bond the floor covering by applying pressure with a clean roller. For resilient sheet flooring this will normally a 68kg steel roller and for textile floor coverings a glyda should be used. For floor coverings with excessive memory and/or curl, it may be necessary to re-roll after approximately 60 minutes.
11. Foot traffic can be allowed as soon as the adhesive has dried sufficiently. This is typically 24 hours for wet stick methods and 6 hours for other methods.
12. For welding of vinyl flooring, we advise a minimum waiting time of 24 hours after application to ensure a strong bond is attained. Allow bond strength to further develop before applying any heavy point loads, such as laboratory equipment, furniture, hospital beds etc.

#### CLEANING

13. 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 A740 MULTI BEST, available at [www.bostik.com/uk](http://www.bostik.com/uk).

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



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