



STIX A550 POWER ELASTIC

HIGH PERFORMANCE ACRYLIC ADHESIVE FOR SOFT FLOOR COVERINGS

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Fact Sheet No.: TDS02132

YOUR SMART ADVANTAGES

- Exceptional shear strength
- Suitable for use in a wide temperature range
- Ideal for LVT installations

USES

Bostik STIX A550 POWER ELASTIC is a versatile, premium acrylic adhesive suitable for a wide variety of floor coverings. The solvent-free formulation has a low odour and very low VOC emissions (EC1 Plus), and is ideal for many uses including conservatories and atriums. It has been specially formulated to give high performance over a large temperature range and offers exceptional plasticiser migration resistance.

It is suitable for interior use with a wide range of soft floor coverings, including LVT in planks or tiles, rubber flooring (max 4mm)*, linoleums, all PVC sheet and tile products, expanded and blown vinyl, all types of carpet, natural fibres (coco, sisal & sea grass), semi-rigid PVC tiles, and floor coverings with dimensional variation and shape.

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

PRODUCT CHARACTERISTICS

Colour	Ivory
Form	Medium viscosity paste
Specific Gravity	1.3 approx.
Composition	Water-based acrylic
Product Codes	30615762 13kg 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	+18°C to +23°C (always follow the floor covering manufacturer's advice)
Coverage	Up to 40m ² per 13kg (depending on the trowel used, smoothness of the floor surface & application technique)
Waiting Times	Approx. 5 - 10 minutes (depending on ambient conditions)
Open Times	Approx. 25 - 30 minutes (depending on ambient conditions)
Drying Times	Foot traffic approx. 24 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 A550 POWER ELASTIC, refer to the relevant Health and Safety Data Sheet, available at 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 absorbent, 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
Floor coverings with a smooth backing	A2	0.32kg/m ²
Coverings with a textured backing	B1	0.36kg/m ²
Coverings with a profiled backing (e.g. coco, sisal)	B2	0.4kg/m ²

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. Avoid pooling of the adhesive during application.

11. Lay floor covering while the adhesive is wet/semi wet to ensure transfer and enable adhesive ribs to be compressed.
12. Bond the floor covering by applying pressure with a clean roller, ensuring air is not entrained or trapped under the flooring. Repeat after 30 to 45 minutes to consolidate the bond.
13. Do not weld the joints before the adhesive has had sufficient time to develop a good bond (approx. 24 hours after installation).
14. Room conditions must be maintained for 24 hours while the adhesive fully cures.

CLEANING

15. 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 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 A550 POWER ELASTIC, available at www.bostik.com/uk.



BOSTIK HOTLINE

Smart help +44 (0) 1785 272625

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