



# STIX A600 EVOLUTION

**HIGH PERFORMANCE, MULTI-PURPOSE ADHESIVE  
FOR ALL PVC, CARPETS AND ACOUSTIC BACKING COVERINGS**

Date: 25 August 2022

Fact Sheet No.: TDS02202

## YOUR SMART ADVANTAGES

- Easy to use, high initial grab
- Patented Glass Sphere Technology
- Up to 30% extra coverage
- Bio based formulation

## USES

BOSTIK STIX A600 EVOLUTION is a break-through technology, multi-purpose acrylic adhesive with lightweight properties due to the use of patented GLASS BALL technology.

The technology is based on micro glass spheres in combination with specific dispersions and raw materials, making it possible to significantly reduce the density of the product whilst maintaining high performance. This allows for up to 30% extra surface area to be covered for the same quantity in weight of a standard soft floor adhesive.

The lightweight consistency provides a smooth, easy application with excellent workability, which makes it ideal for use with all types of textile floorcoverings. It may also be used with most resilient floor coverings including PVC sheet and tile formats of flooring (both heterogeneous and homogeneous), acoustic backed coverings, linoleum, rubber and acoustic comfort underlays.

This product has an environmental product declaration (EPD). Ideal for commercial, healthcare, educational and residential areas.

## PRODUCT CHARACTERISTICS

Colour	Off white
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Form	Medium viscosity paste
Composition	Water-based acrylic
Product Codes	15kg 30616636 (PCR packaging)
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	75m <sup>2</sup> per 15kg (depending on the trowel used. Smoothness of the floor & application technique)
Waiting Time	10-15 minutes (depending on ambient conditions)
Open Time	50-60 minutes (depending on ambient conditions)
Drying Time	Foot traffic approx. 12 hours Fully dried 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
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### DIRECTIONS FOR USE

IMPORTANT: Before using Bostik STIX A600 EVOLUTION, 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:

- Ensure the subfloor is clean, sound, dry and free from contaminants that may hinder adhesion.
- The subfloor should be tested for moisture in accordance with the testing methods as detailed in BS 8203:2017 Annex B.
- A reading of 75% RH or below confirms that the subfloor is satisfactorily dry to commence installation. Readings above 75% RH will require an application of a moisture control system from the Bostik HYTEC range to suppress residual or constructional moisture. For further information, contact Technical Services.
- If areas of the subfloor are in need of localised repairs, use Bostik Screedmaster Rapid Repair Mortar.
- 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.
- 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.
- Priming reduces over-absorption of the adhesive into the substrate, giving a good working time and strong adhesive bond.
- 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/m <sup>2</sup> to 0.25kg/m <sup>2</sup>
Coverings with a textured backing	B1	0.25kg/m <sup>2</sup> to 0.26kg/m <sup>2</sup>
Coverings with a profiled backing	B2	0.26kg/m <sup>2</sup> to 0.3kg/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°.
- 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.
- Avoid puddle formation and allow an appropriate open time before laying the floor covering.
- Lay floor covering while adhesive is tacky and receptive.
- Bond the floor covering by applying pressure with a roller. Repeat after 30 minutes to expel trapped air and ensure good contact.
- Do not weld the joints before the adhesive has had sufficient time to develop a good bond (approx. 24 hours after installation). Restrict heavy traffic, rolling loads, or furniture placement for 72 hours after installation.
- Stable room conditions must be maintained prior, during and for 24 hours while the adhesive fully cures.

### 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.

### SUSTAINABILITY

#### Indoor air quality:

BOSTIK STIX A600 EVOLUTION is a very low VOC emission product. It contributes to preserve the indoor air quality of the buildings. It is certified EC1 Plus according to the EMICODE protocol, also achieving M1 and A+ certifications. It is compliant with the requirement of green building rating systems such as LEED and BREEAM.

#### Clean & safe:

Solvent-free, phthalate free and isocyanate free formulation.  
Non-hazardous, non-flammable.

**Bio-based raw material:**

BOSTIK STIX A600 EVOLUTION is made of 35% organic renewable raw materials. It reduces the use of oil made raw materials and thus reduces the CO<sup>2</sup> footprint over the life cycle.

**Recycled packaging:**

BOSTIK STIX A600 EVOLUTION is packaged in a recycled bucket made of 30% post-consumer recycled plastic (PCR). The use of recycled material in packaging also contributes to reduce the carbon impact of the product over its life cycle.

**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 are for guidance only, all installations should be carried out in accordance with the appropriate floorcovering standard listed above.

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).

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



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