



# STIX A520 TEX POWER

## CARPET ADHESIVE WITH EXCEPTIONAL GRAB

TECHNICAL SHEET NO: TDS0160 22/03/24

### SMART ADVANTAGES

- Exceptional grab
- Early bond strength build up
- Solvent-free

### DESCRIPTION

Bostik STIX A520 TEX POWER is a water-based SBR adhesive designed for installing a wide range of carpets, including those with foam backing, non-woven felt & actionbac, needlepunch/fibrebonded, with or without backing and coco-sisal & sea rush coir with latex backing.

It can be applied to smoothing compounds, concrete, sand/cement screeds, flooring grade plywood, chipboard and hardboard. It is not suitable for use with highly plasticised PVC.

It is suitable for use with warm water and electrical radiant underfloor heating systems, provided a surface temperature of +27°C is not exceeded.



### TECHNICAL CHARACTERISTICS

<b>Colour</b>	Off white
<b>Form</b>	Medium viscosity paste
<b>Specific gravity</b>	1.32 approx.
<b>Composition</b>	Water-based blend of polymers and resins
<b>Application temperature</b>	+10°C to +30°C
<b>Service temperature</b>	Up to +30°C
<b>Waiting times</b>	0 to 10 minutes (depending on ambient temperature and humidity)
<b>Open times</b>	Up to 30 minutes (depending on ambient temperature and humidity)
<b>Drying times</b>	Light foot traffic approx. 12 hours Full cure approx. 24 hours (depending on ambient temperature and humidity)

### COVERAGE

- Up to 50m<sup>2</sup> per 15kg bucket (depending on the trowel used and smoothness of the floor surface)

## APPLICATION

**IMPORTANT:** Before using Bostik STIX A520 TEX POWER, refer to the relevant Health & Safety Data Sheet, available at [www.bostik.com/uk](http://www.bostik.com/uk).

All phases of the application should comply with the current editions of:

- BS 8102 Code of practice for protection of below ground structures against water ingress.
- 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 installation of flooring of wood and wood-based panels.

Ensure the correct PPE is worn during use.

## PREPARATION

- Ensure the subfloor is clean, sound and dry (<75%RH), of adequate tensile & compressive strength, free from laitance, cracks, structural defects and contaminants that may prevent adhesion (e.g., dust, oil, grease, paint, plaster, polish, some curing compounds, surface hardeners, additives and adhesive residues must be completely removed), and conforms to BS 8204 code of practice.
- 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 contact Technical Services for advice on specific products and subfloors.
- The temperature of the floor and application environment must be stable and maintained between +5°C and +25°C throughout the application and drying of the adhesive. Room conditions must be maintained for 24 hours while the adhesive fully cures.

## UNDERFLOOR HEATING

- Bostik STIX A520 TEX POWER can be used on substrates containing warm water and electrical radiant underfloor heating systems. The system must be switched off 48 hours prior to, during and for 48 hours post application. To prevent rapid dehydration, wait 48 hours after installation before gradually turning up underfloor heating.

## PRIMING

- In certain cases, on very absorbent open textured screeds, it may be beneficial to prime the surface using Bostik GRIP A526 UNIVERSAL. Dilute 1 part Bostik GRIP A526 UNIVERSAL to 4 parts clean, cold water. Apply and allow the primer to fully dry (see separate technical data sheet).
- Priming reduces over-absorption of the adhesive and improves workability, coverage and bond strength.

## APPLICATION

- Select a suitable triangular-notched trowel depending on carpet type, or as recommended by the floor covering manufacturer (see guidance below).

TROWEL SIZE	COVERAGE RATE
A2 For lightweight materials and very smooth backed floorings	0.3kg per m <sup>2</sup> (50m <sup>2</sup> per 15kg)
B1 Usual recommended notch	0.35 to 0.4kg per m <sup>2</sup> (42 to 37m <sup>2</sup> per 15kg)
B2 Heavily textured backings	0.4 to 0.45kg per m <sup>2</sup> (42 to 33m <sup>2</sup> per 15kg)

- Apply the adhesive to the substrate using the appropriate trowel size. Hold the trowel at 60 degrees ensure complete area application is achieved. Do not apply more adhesive than can be carpeted within the open time of the adhesive.
- The floor covering should be laid into the wet adhesive. To ensure good contact with the carpet, use a roller or other method recommended by the covering manufacturer.
- For carpets with high inherent tension, it is recommended they are re-rolled after a further 15 minutes to take down any remaining carpet curl.

## 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.

## STORAGE

- 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 +25°C and out of direct sunlight. Protect from frost.

## 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 A520 TEX POWER, available at [www.bostik.com/uk](http://www.bostik.com/uk).

## PACKAGING

Product codes	30617215	15kg bucket
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Sales	Tel: 0844 371 1192	<a href="mailto:customer.service@bostik.com">customer.service@bostik.com</a>
Technical Advice	Tel: 0844 371 1197	<a href="mailto:technical.service@bostik.com">technical.service@bostik.com</a>
Safety Data Sheets	Tel: 01785 272625	<a href="mailto:sds.box-eu@bostik.com">sds.box-eu@bostik.com</a>

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**Bostik Ltd**  
Common Road,  
Stafford, ST16 3EH, UK  
Phone: +44 (0)1785 272625  
[www.bostik.com/uk](http://www.bostik.com/uk)

**BOSTIK HOTLINE**

Smart help +44 (0)1785 272625



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