



STIX P956 2K

TWO-PART POLYURETHANE ADHESIVE FOR BONDING FLEXIBLE AND RIGID FLOOR COVERINGS

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Fact Sheet No.: TDS02129

YOUR SMART ADVANTAGES

- Very high bonding performance
- Moisture and heat resistant
- Internal and external use

Bostik STIX P956 2K is a two-part polyurethane adhesive for laying floor coverings subjected to heavy use or high mechanical, or thermal stress. It is suitable for bonding PVC, rubber, linoleum, carpets, synthetic grass and sports flooring.

The solvent-free formulation is easy to apply and has very low emissions (EC1 Plus).

The adhesive can be used in conservatories, wet rooms, and with most underfloor heating systems.

It is suitable for use on concrete, sand/cement screeds, anhydrite screeds, smoothing compounds, existing floor tiles (ceramics, porcelain and stone), flooring grade plywood, timber and metal (including aluminium). It can be applied internally or externally.

PRODUCT CHARACTERISTICS

Colour	Yellow/light brown
Form	Medium viscosity paste
Specific Gravity	1.27 to 1.37 approx.
Composition	Two-part polyurethane
Product Codes	30615713 6kg
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	+10°C to +25°C
Coverage	0.3kg to 0.9kg/m ² (depending on the trowel used, smoothness of the floor surface & application technique)
Waiting Times	None
Open Times	Approx. 1 hour (depending on ambient temperatures)
Curing Times*	Foot traffic approx. 24 hours Full traffic approx. 48 hours (depending on ambient temperatures)
VOC emissions	Very low emissions EC1 Plus
Cleaning	Clean tools and equipment with a solvent (such as MEK-Methyl Ethyl Ketone) immediately after use

* At low temperatures the adhesive thickens and the reaction & curing rate is extended

DIRECTIONS FOR USE

IMPORTANT: Before using Bostik STIX P956 2K, 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 structures 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. Where relevant, 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 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 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 smoothing compound and primer system is recommended. Please consult Technical Services for advice on specific products and subfloors.
6. Before applying any adhesive, ensure the substrate is dry and dust free.
7. It is suitable for use over existing sound, non-absorbent substrates such as ceramic and stone tiles, provided they are firmly bonded and clean.

Underfloor heating systems:

8. Underfloor heating systems must be switched off for 48 hours before installation. Wait 48 hours after installation before gradually turning up underfloor heating.

MIXING

9. Thoroughly mix the two components together using an electric drill and mixing paddle until a uniform non-marbled yellow/light brown color is achieved.
10. The mixer speed should not exceed 200-300 rpm.
11. Because of exothermic mixing reaction, the pot life is approx. 45 minutes at +20°C. It is reduced at higher temperatures.

APPLICATION PROCESS

12. Select appropriate trowel size for the floor covering and apply the adhesive evenly onto the subfloor, holding the trowel at an angle of 60°.
13. No waiting time is required. Install the floor covering, ensuring full adhesive transfer.
14. Bond the floor covering by applying pressure with a clean, weighted roller, expelling trapped air and to ensure good contact. Repeat after 30 minutes.

15. Rigid and distorted floor coverings must be rolled and weighted until the adhesive has fully cured.

16. Room conditions must be maintained for 24 hours while the adhesive fully cures.*

CLEANING

17. Clean tools and equipment with a solvent (such as MEK-Methyl Ethyl Ketone) immediately after use.

PRECAUTIONS IN USE

Wet conditions during the installation may lead to foam formation on the surface of the adhesive film.

The adhesive thickens at low temperatures, and the bonding reaction slows down or may stop.

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 P956 2K, available at www.bostik.com/uk.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



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