



STIX A800 PREMIUM

ULTRA HIGH PERFORMANCE ADHESIVE FOR ALL TYPES OF SOFT FLOOR COVERINGS

TECHNICAL SHEET 15/08/2024

SMART ADVANTAGES

- Ideal for LVT, linoleum and rubber
- Short drying time
- High initial grab
- Solvent free formulation
- Non flammable
- No mixing. Ready to use

DESCRIPTION

STIX A800 PREMIUM is an acrylic adhesive with very low VOC emissions classified EC1 Plus, LEED, BREEAM, A+, FDES, EMICODE and IMO certified. Especially designed for LVT, linoleum and rubber. It has a high grab effect in a very short time and its mechanical features allow to balance all severe ambient conditions met on sites. It's a universal multi-use adhesive able to bond most soft floor covering met daily, as well at the more specialised or difficult coverings. It can also be used on sport facilities, shower PVC system, PVC onto compact existing PVC. For floor and wall applications.

USES

- For all types of resilient flooring in most applications. It's a universal multi-use adhesive able to install most of the soft flooring daily met as well as the very difficult ones.
- Associated floor coverings:
 - o LVT in strips and tiles
 - o Homogeneous PVC
 - o Heterogeneous compact PVC
 - o Heterogeneous acoustic PVC
 - o PVC on old compact PVC
 - o Rubber tiles and sheets up to 4 mm thick
 - o Linoleum tiles and sheets
 - o Carpets with all kind of backing
 - o Natural fibres on latex backing (coir, sisal, sea rush)
 - o Shower concepts PVC floor and wall
 - o Wall protection panels



PRODUCT CHARACTERISTICS

Colour	Ivory
Composition	Acrylic
Coverage	300 - 350 g/m ² (V1 notched) 400 - 450 g/m ² (V2 notched)
Application temperature	10 to 25°C

PRODUCT PERFORMANCE DATA

Waiting time*	PVC: 15-20min Rubber: 5min
Open time*	PVC: 45min Rubber: 30min
Walk on time*	12hrs
Curing time	24-48hrs
Frost sensitivity	Reversible up to 0°C

*times are determined at + 23° C and 50 % relative humidity on normally absorbent substrates

USING STIX A800 PREMIUM

Please read and understand the Safety Data Sheet before using this product. SDS can be acquired by visiting www.bostik.com.au or by scanning the QR code on relevant packaging.

SURFACE PREPARATION

- A reading of 85% RH or less confirms that the subfloor is satisfactorily dry. Where this has not been attained, it is necessary to apply a **Bostik Ultraseal Vapour Barrier** or **Bostik Moisture Seal** to suppress residual moisture. For further information, contact Technical Services.
- All surfaces must be clean, dry and free of voids, curing compounds, loose materials, oil, grease or similar that can affect adhesion.
- All surfaces must be structurally sound before application.
- The subfloor should be flat to 3mm over 3m. That is, no gap more than 3mm beneath the straight edge when placed on the slab. If exceeding this, prime the substrate with **Ultra Prime A510** and level the area with **Ultra Level C500** with (Refer to relevant product Technical Data Sheet for detailed application instructions).
- Where previous adhesives (PVA or bituminous adhesives) or contamination (waxes, coatings, etc.) is suspected or in evidence, thorough removal of all such contamination must be carried out. Concrete slabs should be built in accordance with Residential Footings and Slabs Code AS2870.

BOSTIK ULTRASEAL VAPOUR BARRIER

- Designed to prevent moisture migration through the slab to levels that will not cause swelling or cupping of the timber flooring.
- As a preventative measure, it is recommended that all ground floor slabs and all new green slabs (less than four months old) be coated with **Ultraseal Vapour Barrier** as moisture levels within the slab can vary over time (refer to current **Ultraseal Vapour Barrier** TDS for detailed application instructions.)
- Always carry out moisture tests to determine suitability.
- For ground floor slabs only one coat of **Ultraseal Vapour Barrier** is normally required. However, a second coat will be needed if the concrete is very porous, or the coating becomes patchy, uneven or contains pinholes.
- Ensure that a wet film thickness of > 300µm is achieved.
- **Ultraseal Vapour Barrier** can be applied to a new or green concrete when the moisture content of the slab is less than 5.5% CM (moisture meter) and the surface stable and dry to touch. The time to achieve that is normally at least 28 days.

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VIC 3041
P: 1800 267 845
www.bostik.com.au

Bostik Ultra Level C500/ Ultra PrimeGrip A520 Non-Porous
If the concrete subfloor is uneven and requires levelling prior to the application of timber flooring, Bostik recommends the use of **Ultra Level C500** with **Ultra PrimeGrip A520 Non-Porous** to be applied after **Ultraseal Vapour Barrier**. Refer to current TDS for detailed application instructions.

APPLICATION

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.

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.

DRYING TIME

The waiting time must be respected to minimize the risk of puddle formation (15-20min for PVC and 5-10min for rubber and linoleum).

Lay the floor covering while the adhesive remains tacky and receptive.

Bond the floor covering by applying a rubbing block and/or roller to expel trapped air and ensure good transfer of the adhesive. 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).

BOSTIK HOTLINE

1800 BOSTIK (267 845)



COVERAGE

FLOOR COVERING	TROWEL SIZE	CONSUMPTION
Most LVT and vinyl floor coverings (PVC, rubber, linoleum acoustic) and carpet with foam backing	1.6mm 'V1' Notched	300 - 350 g/m ²
Carpet with action backing, linoleum with jute backing and soft flooring with rough backing surface	2.4mm 'V2' Notched	400 - 450 g/m ²
Covering with a smooth backing	TKB A2 (EU std)	250 - 300 g/m ²

BOSTIK PRE-TESTED ADHESION TO SUBSTRATE (P.A.T.S.)

Bostik offer a service in which a program has been established to eliminate potential field problems by pretesting Bostik adhesives with samples of building materials to which the adhesive will be applied. This service is available on large projects where pre-application testing will aid in determining the proper surface preparation method to achieve optimum adhesion. Consult a Bostik representative for further information.

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.

IMPORTANT NOTES

- Do not apply **STIX A800 PREMIUM** on a dense furnished concrete surface without prior abrading or sanding back the surface to obtain mechanical key and levelled surface using smoothing compound. Refer to a Bostik Technical Representative.
- If **STIX A300 MULTI FLOOR** is used over plasterboard for wall application, our primer **Ultra PrimeGrip A520** will have to be apply prior to **STIX A300 MULTI FLOOR** application. Ensure **Ultra PrimeGrip A520** is perfectly dry before spread **STIX A300 MULTI FLOOR** over. A longer waiting time of the adhesive might need to be appropriated (20-30min) to ensure a good bonding of wall covering.
- Requires atmospheric moisture to cure properly. In low humidity conditions below 70% refer to a Bostik Technical Representative. It should not be used in totally confined or air free spaces.
- **STIX A800 PREMIUM** is not a waterproofing membrane and should not be used for waterproofing a subfloor.
- **STIX A800 PREMIUM** should not be installed on wet, contaminated or friable surfaces.

STORAGE & SHELF LIFE

Store in original sealed container, under cover and in dry conditions. **STIX A800 PREMIUM** has a shelf life of 15 months in the original unopened containers, if stored between 5°C and 25°C.

HEALTH & SAFETY

SEE THE SAFETY DATA SHEET FOR ADDITIONAL INFORMATION.

For emergency information contact the Poisons Information Centre, phone 131 126 or the Emergency Response Service, phone 1800 033 111.

PRODUCT CODES

18kg Pail	30615491
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