



EVO-STIK Flexible Frame Sealant

FILLED ACRYLIC EMULSION PASTE

Date: 20 November 2015

Fact Sheet No.: TDS01756

YOUR SMART ADVANTAGES

- Overpaintable when dry
- Contains a fungicide to discourage mould growth
- Offers excellent adhesion to non-porous surfaces such as plastic and plastic sanitary ware.

USES

EVO-STIK Flexible Frame Sealant is ideal for sealing around window and door frames with excellent adhesion to most materials including wood, uPVC and metal. Prevents damage caused by penetration of water. Suitable for interior and exterior use and can be overpainted.

PRODUCT CHARACTERISTICS

Colours	White and Mahogany
Form	Soft gunnable paste
Specific Gravity	1.47 approx.
Composition	Blend of acrylic polymers and selected fillers
Product Codes	30811729 White C20 x 12 30811720 Mahogany C20 x 12
Storage/Shelf Life	Store for up to 24 months from the date of manufacture when stored in original, unopened packaging under cool, dry conditions within the temperature range of +5°C to +25°C and out of direct sunlight. Protect from frost.

TYPICAL PERFORMANCE DATA (Approx.)

Application Temperature	+5°C to +40°C
Service Temperature	-20°C to +70°C
Coverage	Approx. 10 linear metres of 6mm diameter bead per C20 cartridge
Drying Times	Skin Formation: 15 to 60 minutes, dependent on ambient conditions. Through Dry: Approx. 2 - 3mm per 24 hours at 23°C and 50% relative humidity. Optimum performance is achieved within 1 week dependent on joint dimensions and ambient conditions. Always tool sealant within 10 minutes of application.

DIRECTIONS FOR USE

IMPORTANT: Before using EVO-STIK Flexible Frame Sealant refer to the relevant Health & Safety Data Sheet, available at www.bostik.co.uk.

PREPARATION

1. Work in warm but well ventilated conditions.
2. Joint surfaces must be clean, dry, sound and free from dust and other contaminants that may impair adhesion.
3. If desired place masking tape along the joint edges before application. This can make it easier to make a neat, tooled finish. Use a spatula with a round end to tool the sealant and check that this tool just fits into the gap between the masking tape so that it catches the excess sealant.
4. Do a test run without applying any sealant to 'get a feel' for the difficult areas to seal in corners, behind taps and raised joints.



FM 01696
BS EN ISO 9001:2008

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APPLICATION

5. Unscrew the nozzle, and using a sharp knife, carefully cut off the dome of the cartridge, taking care not to damage the thread. Screw the nozzle onto the cartridge.
6. Cut off the tapered end of the nozzle at a 45° angle, to a width matching the gap to be sealed.
7. Fit the cartridge into the cartridge gun by pressing the release plate and pulling out the plunger. Insert cartridge and repeatedly squeeze the trigger until the sealant appears.
8. Place the nozzle at the start of the gap, and gently squeeze the trigger. Push forward slowly, ensuring that contact is made by the sealant with both sides of the gap. At the end of the run, release the trigger and press the plunger release plate of the gun.
9. Smooth the sealant with a wet, round ended tool within 10 minutes (do not use a wetted finger), remove any excess with a cloth moistened with white spirit and then remove the masking tape from either side of the bead.
10. After use, ensure the cap is replaced to prevent nozzle from clogging.
11. The sealant skins over rapidly (approx. 15 to 60 minutes) and is fully cured in 1 to 7 days depending on bead width, temperature and humidity.

CLEANING

Uncured Sealant:

12. The excess uncured sealant should be removed carefully using a soft scraper. The remainder can be removed using a cloth just moistened with water. Repeat using another clean cloth moistened with water.

Cured Sealant:

13. There is no adequate solvent; carefully cut away excess with a very sharp knife. Do not use solvent to remove product from skin – use soap and water.

PRECAUTIONS IN USE

EVO-STIK Flexible Frame Sealant cannot be applied to surfaces which have frost or ice on them. Do not use in areas of constant water immersion. For best results allow the product to set in warm, dry conditions with plenty of ventilation. Cold, humidity and poor ventilation will greatly increase drying time. Will not resist abrasion in floor joints. Do not use in swimming pools. Do not use for aquarium applications. Prevent entry of uncured sealant into drains or watercourses. Do not use on or against bitumen.

For any application not covered please contact Technical Services on +44 (0)1785 272625 or visit www.bostik.co.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 EVO-STIK Flexible Frame Sealant, available at www.bostik.co.uk.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



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**CONSTRUCTION PRODUCT REGULATION
DECLARATION OF PERFORMANCE**

No: TDS01756

Product Description: **EVO-STIK Flexible Frame Sealant**
 Product Code: **5000403104287, 5000403104034**
 Intended Use: **Facade Sealant**
 Manufacturer: **Bostik Ltd**
 Contact Address: **Common Road
Stafford
ST16 3EH**
 System of Assessment: **System 3**
 Harmonised Standard: **BS EN 15651-1: 2012**
 Notified Body: **0074**

Version 1

Declared Performance:

Essential Characteristics	Performance	Harmonised technical specification
Reaction to Fire	F	BS EN 15651-1: 2012
Release of Chemicals	None	See Safety Data Sheet

Water Tightness & Air Tightness as determined by:

Resistance to Flow	NPD	BS EN 15651-1: 2012
Loss of Volume	NPD	
Tensile properties after immersion in water at 23°C*	≥25%	
Microbiological Growth	NPD	
Durability	NPD	

***Conditioning method A, tested on Aluminium Substrate, no primer**

The performance of the EVO-STIK Flexible Frame Sealant, 5000403104287, 5000403104034 is in conformity with the declared performance shown in the table above.

This declaration of performance is issued under the sole responsibility of Bostik Ltd.

Signed for and on behalf of Bostik Ltd by:

Name: Alison Jamieson

Function: S.H.E.Q. Manager

Signature:



Date: June 2014



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