



# EVO-STIK All Purpose Flexible Silicone Sealant

## ACETOXY SILICONE SEALANT

Date: 12 January 2016

Fact Sheet No.: TDS00202

### YOUR SMART ADVANTAGES

- Excellent weather and sunlight resistance
- Ideal for sealing around sanitary fittings
- Contains a fungicide to combat the growth of unsightly mould

### USES

EVO-STIK All Purpose Flexible Silicone Sealant is a single part moisture curing sealant that cures to form a tough resilient long lasting seal. It contains a fungicide and is ideal for sealing around sanitary fittings in kitchens and bathrooms. It can also be used externally and has excellent weather and sunlight resistance. EVO-STIK All Purpose Flexible Silicone Sealant is ideal for sealing around tiles and baths, shower trays, basins, kitchen worktops and stainless steel sink-tops. It provides excellent adhesion to non-porous surfaces such as glass, stainless steel, ceramics and plastic baths and fittings.

### PRODUCT CHARACTERISTICS

Colours	Black, Brown, White & Clear		
Form	Thixotropic paste		
Specific Gravity	0.93 approx.		
Composition	Moisture curing acetoxy silicone		
Product Codes	30811722	Black	C20 x 12
	30811723	Brown	C20 x 12
	30811724	Clear	C20 x 12
	30811725	White	C20 x 12

### Storage/Shelf Life

Store for up to 24 months from 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	-30°C to +80°C
Coverage	Approx. 10 linear metres of 6mm diameter bead per C20 cartridge.
Drying Times	Skin Formation: 30 to 40 minutes, depending on bead width, temperature and humidity.  Through Dry: Approx. 2 - 3mm per 24 hours at 23°C and 50% relative humidity. Fully dry in approx. 1 to 2 days depending on bead width, temperature and humidity.  Always tool sealant within 20 minutes of application.

### DIRECTIONS FOR USE

**IMPORTANT:** Before using EVO-STIK All Purpose Flexible Silicone Sealant refer to the relevant Health & Safety Data Sheet, available at [www.bostik.co.uk](http://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, loose material and other contaminants that may impair adhesion.



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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.

#### 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 on to 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 (do not use a wetted finger), remove any excess with a cloth moistened with white spirit and then remove the masking tape (if used) from either side of the bead.
10. After use, ensure to wipe away any excess adhesive from the nozzle. Replace the cap.
11. The sealant skins over rapidly (approx. 30 to 40 minutes) and is fully cured in 24 hours depending on bead width, temperature and humidity.

#### CLEANING

##### Uncured Sealant:

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

##### 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.
14. For the sealant to continue to work effectively, ensure that it is cleaned regularly and not submersed under water.
15. In bathrooms and kitchens, occasionally wipe the sealant with diluted bleach (5 parts water : 1 part bleach) to aid resistance to mould.

#### PRECAUTIONS IN USE

EVO-STIK All Purpose Flexible Silicone Sealant cannot be applied to surfaces which have frost or ice on them. Do not use on zinc, lead or cement based surfaces. 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. Not suitable for bedding double glazed/insulating glass units into frames. Will not accept paint.

For any application not covered please contact Technical Services on +44 (0)1785 272625 or visit [www.bostik.co.uk](http://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 instructions, first aid measures and spillage and disposal instructions, see separate Health and Safety Data Sheet for EVO-STIK All Purpose Flexible Silicone Sealant, available at [www.bostik.co.uk](http://www.bostik.co.uk).

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



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**CONSTRUCTION PRODUCT REGULATION  
DECLARATION OF PERFORMANCE**

No.:TDS00202

Product Description: **EVO-STIK All Purpose Flexible Silicone Sealant**  
 Product Code: **5000403104515, 5000403104508, 5000403104478, 5000403104492**  
 Intended Use: **All-Purpose Sealant**  
 Manufacturer: **Bostik Ltd**  
 Contact Address: **Common Road  
Stafford  
ST16 3EH**  
 System of Assessment: **System 3**  
 Harmonised Standard: **BS EN 15651-1,2,3:2012**  
 Notified Body: **0074**  
 Declared Performance:

Essential Characteristics	Performance	Harmonised technical specification
Reaction to Fire	<b>F</b>	
Release of Chemicals	<b>None</b>	<b>See Safety Data Sheet</b>

Water Tightness & Air Tightness as determined by:

Resistance to Flow	<b>≤3mm</b>	<b>BS EN 15651-1,2,3:2012</b>
Loss of Volume	<b>NPD</b>	<b>BS EN 15651-1,2,3:2012</b>
Elastic Recovery	<b>NPD</b>	<b>BS EN 15651-1,2:2012</b>
Tensile properties after immersion in water at 23°C*	<b>≥25%</b>	<b>BS EN 15651-1,3:2012</b>
Tensile properties at maintained extension after immersion in water at 23°C*	<b>NF</b>	<b>BS EN 15651-1,2,3:2012</b>
Microbiological Growth	<b>NPD</b>	<b>BS EN 15651-3:2012</b>
Durability	<b>NPD</b>	<b>BS EN 15651-1,2,3:2012</b>

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

The performance of the EVO-STIK All Purpose Flexible Silicone Sealant, 5000403104515, 5000403104508, 5000403104478, 5000403104492 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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