

EVO-STIK Glazing Silicone Sealant

ACETOXY MOISTURE CURING SILICONE SEALANT

Date: 20 July 2018

Fact Sheet No.: TDS00035

YOUR SMART ADVANTAGES

- Easy to apply
- Superior adhesion to non-porous substrates
- Gives a permanently elastic weather-proof seal

USES

EVO-STIK Trade Only Glazing Silicone Sealant is ideal for all types of glazing work, such as cap beading, butt glazing, shop fronts and curtain wall glazing.

EVO-STIK Trade Only Glazing Silicone Sealant is also suitable for many general industrial uses, forming in situ gaskets and draught proofing.

PRODUCT CHARACTERISTICS

Colours	White and clear
Form	Thixotropic paste
Specific Gravity	0.93 approx.
Composition	Moisture curing, acetoxy silicone
Product Codes	30812749 White C20 x 12 30812748 Clear 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 +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	10 linear metres of 6mm diameter bead per C20 cartridge
Drying Times	Skin Formation: 30 to 40 minutes dependent on bead width, temperature and humidity. Through Dry: 24 hours approx. dependent on bead width, temperature and humidity. Always tool sealant within 20 minutes of application.

DIRECTIONS FOR USE

IMPORTANT: Before using EVO-STIK Trade Only Glazing Silicone 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.

APPLICATION

3. 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.
4. Cut off the tapered end of the nozzle at a 45° angle, to a width matching the gap to be sealed.

5. 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.
6. 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.
7. Smooth the sealant with a wet, rounded tool within 20 minutes (do not use a wetted finger), remove any excess with a cloth moistened with white spirit.
8. The sealant skins over rapidly (approx. 30 minutes) and is fully cured in approximately 24 hours depending on bead width, temperature and humidity.

CLEANING

Uncured Sealant:

9. The 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:

10. 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 Trade Only Glazing 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. Do not use for submerged joints in porous substrates that may permit water to reach the bond interface. 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 for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health & safety instruction, first aid measures and spillage and disposal instructions, see separate Health & Safety data sheet for EVO-STIK Trade Only Glazing Silicone Sealant, available at www.bostik.co.uk.



**CONSTRUCTION PRODUCT REGULATION
DECLARATION OF PERFORMANCE**

No: TDS00035

Product Description: **EVO-STIK Trade Only Glazing Silicone Sealant**

Product Code: **5000403111698, 5000403111681**

Intended Use: **Glazing Applications**

Manufacturer: **Bostik Ltd**
Contact Address: **Common Road
Stafford
ST16 3EH**

System of Assessment: **System 3**

Harmonised Standard: **BS EN 15651-2:2012**

Notified Body: **0074**

Declared Performance:

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

Water Tightness & Air Tightness as determined by:

Resistance to Flow	≤3mm	BS EN 15651-2:2012
Loss of Volume	NPD	
Tensile properties after exposure to heat water and artificial light	NPD	
Elastic Recovery	NPD	
Microbiological Growth	NPD	
Durability	NPD	

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

The performance of the product EVO-STIK Trade Only Glazing Silicone Sealant 5000403111698, 5000403111681 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: May 2014

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