



EVO-STIK Frame Silicone Sealant

NEUTRAL CURE SILICONE SEALANT

Date: 16 November 2015

Fact Sheet No.: TDS00022

YOUR SMART ADVANTAGES

- Specially formulated for excellent weatherproofing properties
- Accommodates high movement
- Long life for excellent exterior frame sealing performance

USES

EVO-STIK Trade Only Frame Silicone Sealant is for use in properly designed exterior high movement joints, especially around door and window frames. Suitable for all types of frames including aluminium, hardwood and uPVC. Suitable for high movement joints in building applications, e.g. between blockwork, brick, concrete and masonry.

PRODUCT CHARACTERISTICS

Colours	White, brown & clear		
Form	Soft gunnable paste		
Specific Gravity	1.01 approx.		
Composition	Neutral cure silicone		
Product Codes	30812738	White	C20 x 12
	30812737	Brown	C20 x 12
	30812747	Clear	C20 x 12
	30814533	White	C20 x 6
	30814534	Brown	C20 x 6
	30814535	Clear	C20 x 6

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 +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	-60°C to +180°C
Coverage	Approx. 10 linear metres of 6mm diameter bead per C20 cartridge.
Drying Times	Skin Formation: 10 to 20 minutes, dependent on bead width, temperature and humidity. Through Dry: Approx. 2 - 3mm per 24 hours dependent on bead width, temperature and humidity Always tool sealant within 10 minutes of application.
Shore (A) Hardness	18
Tensile Strength	0.5 MPa
Modulus at 100% Elongation	0.34 MPa
Elongation at Break	>250%
Slump Resistance	Excellent, suitable for joints up to 25mm wide
Minimum Joint Size	6mm x 6mm



FM 01696
BS EN ISO 9001:2008

Bostik Limited, Common Road, Stafford, ST16 3EH, UK. Tel: +44 (0) 1785 272625 www.bostik.co.uk

Bostik, Evo-Stik & Sealocrete are registered trademarks of Bostik Ltd.

DIRECTIONS FOR USE

IMPORTANT: Before using EVO-STIK Trade Only Frame 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.
3. Oil and grease should be removed from non-porous substrates using a suitable cleaner. In order to provide a firm base on which to extrude the sealant and also to ensure that suitable depth of sealant is maintained, moving joints should be backed with polyethylene foam backing strip.

APPLICATION

4. 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.
5. Cut off the tapered end of the nozzle at a 45° angle, to a width matching the gap to be sealed.
6. 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.
7. 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.
8. Sealant must be gunned firmly into the joints to ensure good adhesion to the joint surfaces.
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.
10. The sealant skins over rapidly (approx. 10 to 20 minutes) and is fully cured within 24 hours depending on bead width, temperature and humidity.

CLEANING

Uncured Sealant:

11. 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:

12. 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 Frame Silicone Sealant cannot be applied to surfaces which have frost or ice on them. Not suitable for use in movement joints in floors, due to abrasion by traffic. Do not use on or against bitumen. Not suitable for bedding double glazed/insulating glass units into frames. EVO-STIK Trade Only Frame Silicone Sealant cannot be overpainted.

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 Trade Only Frame Silicone Sealant, available at www.bostik.co.uk.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



FM 01696
BS EN ISO 9001:2008

Bostik Limited, Common Road, Stafford, ST16 3EH, UK. Tel: +44 (0) 1785 272625 www.bostik.co.uk

Bostik, Evo-Stik & Sealocrete are registered trademarks of Bostik Ltd.

**CONSTRUCTION PRODUCT REGULATION
DECLARATION OF PERFORMANCE**

Product Description: **EVO-STIK Trade Only Frame Silicone Sealant**
 Product Code: **5010591999923, 5000403101071, 5010591999916**
 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**

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	NPD	BS EN 15651-1:2012
Loss of Volume	NPD	
Tensile properties at maintained extension after immersion in water at 23°C*	NF	
Microbiological Growth	NPD	
Durability	NPD	

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

The performance of the EVO-STIK Trade Only Frame Silicone Sealant, 5010591999923, 5000403101071, 5010591999916 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



FM 01696
BS EN ISO 9001:2008

This disclaimer is issued by Bostik Limited ("the Company") and applies to the use of any products supplied by the Company ("the Products") displayed on this Technical Data Sheet ("TDS"). Please read this disclaimer carefully before using any of the Products. Using this TDS and/or the Product constitutes your acceptance of this disclaimer. Its contents shall prevail over any directions of use and any disclaimer and/or exclusion or limitation of liability of the Company which may appear on the packaging of the Products.

This disclaimer sets out the entire financial liability of the Company (including any liability for the acts or omissions of its employees, agents and sub-contractors) to any user of the Products ("Product User") in respect of any use made or resale by the Product User, of any of the Products in this TDS.

This disclaimer does not affect the Company's liability for death or personal injury arising from the Company's negligence in respect of the Products, nor its liability for fraud, or fraudulent misrepresentation, nor any other liability which cannot be excluded or limited under applicable law.

The Company's total liability however arising and whether caused by tort (including negligence and breach of statutory duty), breach of contract or otherwise, arising in connection with the use made or resale by the Product User of any of the Products in this TDS shall be limited to the price paid for the Product by the Product User.

The Company shall not be liable to the Product User for any pure economic loss, loss of profit, loss of business, depletion of goodwill or otherwise, in each case whether direct, indirect or consequential, or any claims (including in respect of personal injury insofar as not caused by the Company's negligence) for consequential compensation whatsoever (howsoever caused) which arise out of or in connection with the use made or resale by the Product User of any of the Products in this TDS.

The Company shall not be liable to the Product User in relation to any loss for any use which is inappropriate or use which is otherwise than in accordance with the relevant instructions for use of the Products in this TDS or on the Product. Product Users are advised to confirm the suitability of the Products by their own tests.

This TDS covers just one of a large range of products supplied by the Company.

Full information on these products and advice on application is freely available from our fully trained staff throughout the country. In addition, specialist technical advice is available from our Technical Services Department. This TDS supersedes all previous TDSs relating to the Products, and users of it must ensure that it is the current issue. Destroy all previous TDS, and if in any doubt, contact the Company, quoting the code number in the top right hand corner on the front of this document.

Sales	Tel: 0844 371 1192	Fax: 01785 241818	customer.service@bostik.com
Technical Advice	Tel: 0844 371 1197	Fax: 01785 272867	technical.service@bostik.com
Technical Data & COSHH (MSDS) Data Sheets	Tel: 01785 272625	Fax: 01785 212962	stafford.gatehouse@bostik.com



FM 01696
BS EN ISO 9001:2008

Bostik Limited, Common Road, Stafford, ST16 3EH, UK. Tel: +44 (0) 1785 272625 www.bostik.co.uk
Bostik, Evo-Stik & Sealocrete are registered trademarks of Bostik Ltd.