



# EVO-STIK Silicone C Sealant

## HIGH PERFORMANCE NEUTRAL SILICONE

Date: 22 June 2016

Fact Sheet No.:

### YOUR SMART ADVANTAGES

- Versatile sealant, Sanitary formulation
- Neutral curing, almost odourless
- Excellent resistance to UV, water and weather

### USES

EVO-STIK SILICONE C SEALANT is a versatile sanitary formulated neutral silicone sealant, which cures under the influence of humidity to form a durable elastic rubber. For building and glazing joints. It has been especially developed for connection joints in concrete, brickwork, curtain wall constructions, glazing systems, kitchens, bathrooms, showers and industrial applications.

NOTE : Compatibility with edge seals of insulation glass cannot be guaranteed, as the compositions of sealant for the edges of insulation glass can be different or changed by the producer of insulation glass. Advices are based on experience and are therefore not guaranteed.

Not suitable for PE,PP,PC,PMMA,PTFE, neoprene and bituminous substrates.

### PRODUCT CHARACTERISTICS

Colour	White / Grey / Clear
Form	Neutral oxime silicone
Specific Gravity	
Composition	Neutral oxime
Product Code	30810673 Clear 310ml x 25 30810671 Grey 310ml x 25 30810672 White 310ml x 25
Storage/Shelf Life	In unopened original packaging between +5C and +25C, shelf life 12 months. Store in dry conditions.

### TYPICAL PERFORMANCE DATA (Approx.)

Application Temperature	+5°C to +40°C
Service Temperature	-40°C to +120°C
Coverage	Approx : 10 metres of 5mm diameter bead per C20 cartridge (depends on use)
Drying Times	Skin formation 5mins @ 23C/55%RH
Solvent for Cleaning Up	Uncured, remove with Evo Stik Silicone remover and tools. Cured, remove by mechanical and / or Evo Stik Silicone remover.

### DIRECTIONS FOR USE

IMPORTANT: Before using EVO-STIK SILICONE C SEALANT refer to the relevant Health & Safety Data Sheet, available [www.bostik.ie](http://www.bostik.ie).

### PREPARATION

1. Surfaces must be sound, clean and free from contaminants such as dust, oil, grease and any loose material.
2. Cut off the dome at the top of the cartridge taking care not to damage the thread. Cut the nozzle at a 45° angle to the required diameter and screw onto the cartridge.
3. Insert the cartridge into a cartridge gun and repeatedly squeeze the trigger until the adhesive appears.

### APPLICATION

4. The product adheres perfectly without the use of a primer to most non porous substrates. Strong porous surfaces to be pre treated with primer. Always test adhesion prior to application.



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5. The product is not paintable. It is recommended to cover the edges of the joint with masking tape in order to prevent the surfaces which remain to be painted are not contaminated with silicone.
6. Beads 5mm in diameter are generally sufficient.

#### CLEANING

7. Uncured product may be removed using Evo Stik Silicone remover. Cured, by mechanical and / or Evo stik Silicone remover.

#### PRECAUTIONS IN USE

For any application not covered please contact Technical Services on +353 1 8624998 or visit [www.bostik.ie](http://www.bostik.ie) 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 SILICONE C SEALANT, available at [www.bostik.ie](http://www.bostik.ie).



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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.

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Technical Data & COSHH (MSDS) Data Sheets	Tel: 01 8624900	Fax: 01 8402186	



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**DECLARATION OF PERFORMANCE**  
In accordance with Annex III of Regulation (EU) No 305/2011  
(Construction Product Regulation)

**DoP \_ [EN] \_ 001 \_ No S53001135**

1. Unique identification code of product-type:  
**Evostik Silicone C Sealant**
2. Type, batch or serial number or any other element allowing identification of the construction product as required to Article 11 (4):  
Batch number: See product packaging
3. Intended use or uses of construction product, in accordance with applicable harmonized technical specification, as foreseen by the manufacturer:  
EN 15651-1: F-EXT-INT-CC (CLASS 12,5E)  
EN 15651-2: G-CC  
EN 15651-3: S (CLASS S1)  
Sealants for façade elements  
Sealants for glazing  
Sealants for sanitary joints
4. Name, registered name or registered trade mark and contact address for the manufacture as required to Article 11 (5): Bostik Industries Ltd. Newtown, Swords, Co. Dublin
5. Name and contact address of the authorized representative whose mandate covers the task specified in Article 12 (2): not relevant
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
System 3  
System 3 for reaction to fire
7. In case of declaration of performance concerning a construction product covered by a harmonized standard:  
The notified body SKZ – TeConA GmbH (1213) performed the initial type testing according to EN 15651-1 / EN 15651-2 / EN 15651-3 and reaction to fire under system 3 and issued a test report.

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8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: not relevant
9. Declared performance  
Conditioning: Procedure A (according to ISO 8340)  
Substrate: Mortar M2 (without primer)  
Glass (without primer)

**Anodised aluminium (without primer)**

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	Class E	EN 15651-1:2012
Release of chemical dangerous to the environment and health	NPD (*)	
Water tightness and air tightness		
Resistance to flow	≤ 3 mm	
Loss of volume	≤ 25 %	
Tensile properties at maintained extension after water immersion	NF	
Tensile properties (secant modulus) for use in cold climate areas (-30°C)	NR	
Tensile properties at maintained extension for use in cold climate areas (-30°C)	NF	
Durability	Pass	

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Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	Class E	EN 15651-2:2012
Release of chemical dangerous to the environment and health	NPD (*)	
Water tightness and air tightness		
Loss of volume	≤ 40 %	
Vertical flow resistance	≤ 3 mm	
Adhesion / cohesion properties after exposure to heat, water and artificial light	NF	
Elastic recovery	≥ 60 %	
Tensile properties (secant modulus) for use in cold climate areas (-30°C)	≤ 0,9 MPa	
Tensile properties at maintained extension for use in cold climate areas (-30°C)	NF	
Durability	Pass	

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**Substrate:**                    **Glass (without primer)**  
    **Anodised aluminium (without primer)**

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	Class E	EN 15651-3:2012
Release of chemical dangerous to the environment and health	NPD (*)	
Water tightness and air tightness		
Resistance to flow	≤ 3 mm	
Loss of volume	≤ 30 %	
Tensile properties after immersion in Water (at 23°C)	≥ 25 %	
Microbiological growth	1	
Durability	Pass	

(\*) See material safety data sheet  
 NPD: No Performance Determined  
 NF: No Failure  
 NR: Not required

Where pursuant in Article 37 or 38 the Specific Technical Documentation has been used, the requirements with which the product complies: not relevant

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

**Name : Brian Monaghan**  
**Technical Manager**

Signature: 