



EVO-STIK Silicone GX Sealant

HIGH PERFORMANCE SILICONE FOR GLAZING APPLICATIONS

Date: 22 June 2016

Fact Sheet No.:

YOUR SMART ADVANTAGES

- Versatile, Rapid Curing sealant
- High elasticity
- Excellent resistance to UV, water and weather

USES

EVO-STIK SILICONE GX SEALANT is a versatile acetoxy silicone sealant, which cures under the influence of humidity to form a durable elastic rubber. The product is UV and weather resistant. It has been specially developed for top sealing in glazing systems, perimeter joints around window and door frames and joints in kitchens and bathrooms. It offers a permanently water tight, flexible seal, with excellent adhesive properties.

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.

PRODUCT CHARACTERISTICS

Colour	Ivory / Grey
Form	Acetoxy
Specific Gravity	
Composition	Acetoxy Silicone Sealant
Product Code	30810669 Ivory 300ml x 25 30810668 Grey 300ml x 25
Storage/Shelf Life	In unopened original packaging between +5oC and +25oC, shelflife 18 months. Store in dry conditions.

TYPICAL PERFORMANCE DATA (Approx.)

Application	+5°C to +40°C
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Temperature	
Service Temperature	-40°C to +120°C
Coverage	Approx : 12 metres of 5mm diameter bead per C20 cartridge (depends on use)
Drying Times	Skin formation 13mins @ 230C/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 GX SEALANT refer to the relevant Health & Safety Data Sheet, available at 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 porous substrates. Strong porous surfaces can be pre treated with a primer. Always test adhesion prior to application. The product is not paintable. Not suitable for applications on concrete, marble, lead, copper and galvanized steel. Not suitable for PE,PP,PC,PMMA,PTFE, neoprene and bituminous



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substrates. Not suitable for use with aquaria or cooling devices. Not recommended for direct contact with the perimeter of insulation glass, the edges of laminated safety glass or the bedding in of double glazed units. Not paintable. It is the user's responsibility to determine suitability.

- 5. Beads 5mm in diameter are generally sufficient.

CLEANING

- 6. 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 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 GX SEALANT, available at www.bostik.ie.

BOSTIK HOTLINE

Smart help +353 1 8624998



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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 _ Nr. S52001075

1. Unique identification code of product-type:
EVOSTIK SILICONE GX
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
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

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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.

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 B (according to ISO 8340)
 Substrate: 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	≤ 45 %	
Tensile properties at maintained extension after water immersion	NF	
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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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	

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	≤ 40 %	
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

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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: 