

PRODUCT DATA SHEET

Edition 12.2017 (05.2013)
CSC Master Format™ 08 85 00
GLAZING ACCESSORIES

SikaGlaze® GG-735

SELF-LEVELLING, TWO-PART PU GROUT FOR EMBEDDING GLASS PANELS

Technical Data		Component A	Component B
Properties		Polyols, filled	Isocyanate derivatives
Chemical Base			
Colour (CQP ¹ 001-1)		Beige	Brown
	Mixed	Beige	
Cure Mechanism		Poly addition	
Density (CQP 006-5)		1.6 g/cm ³ approx	1.2 g/cm ³ approx
	Mixed (calculated)	1.5 g/cm ³ approx	
Solids Content		100%	100%
Mixing Ratio	A:B by volume A:B by weight	100:25 100:19	
Viscosity ² (CQP 538-2)	Brookfield - RVT 6/20 Brookfield - RVT 2/50	30,000 mPa.s approx	250 mPa.s approx
Viscosity (mixed)	Brookfield - RVT 6/20	10,000 mPa.s approx	
Application Temperature		15 °C to 30 °C (60-85 °F)	
Pot Life ² (CQP 536-3)		35 min approx	
Shore D Hardness ² (CQP 537-2)		80 D approx	
Tensile Strength (CQP 545-2/ISO 527)		11 N/mm ² approx	
Elongation at Break (CQP 545-2/ISO 527)		9% approx	
Tensile Lap-Shear Strength (CQP 546-2/ISO 4587)		9 N/mm ² approx	
Shelf Life (Storage between 10 °C and 30 °C)		12 months	9 months
¹ CQP = Corporate Quality Procedure ² 23 °C and 50% Relative Humidity			

Description SikaGlaze® GG-735 is a pourable, self-levelling, two-component polymer grout based on polyurethane resin. SikaGlaze® GG-735 is manufactured in accordance with the ISO 9001/14001 Quality Assurance System.

- Product Benefits**
- Room temperature curing;
 - Solvent-free;
 - Long Pot Life; easy to use;
 - Stress-free glass embedding.

Areas of Application SikaGlaze® GG-735 is designed for embedding of monolithic or laminated glass panes in U-profiles or concrete joints. It is suitable for indoor and outdoor applications and often used for glass balustrades and total-vision glass walls. This product is suitable for experienced professionals only. Tests with actual substrates and conditions must be performed to ensure adhesion and material compatibility.

Cure Mechanism SikaGlaze® GG-735 cures through chemical reaction between Component A and Component B. Higher temperatures accelerate the curing, while lower temperatures prolong it.

Chemical Resistance Project-related testing is recommended where chemical or thermal exposure is a factor. Please consult the Technical Services Department of Sika Canada for advice.

Application Limits The compatibility of setting blocks, backer rods, and other accessory materials with SikaGlaze® GG-735 must be tested in advance. Setting blocks composed of SikaGlaze® GG-735 are recommended to ensure compatibility.

Method of Application	Prior to applying the product, consult the "General Guidelines: Glass Embedding with Self-Levelling Polyurethane" for construction details and dimensions, or contact the Technical Department of Sika Industry.
Surface Preparation	It is possible to treat the glass with a release agent prior to installation in order to prevent the grout from adhering to its surface. In this way, the glass is held in place exclusively by the profile, and can be removed at a later date (with the help of a crane).
Mixing and Application	Stir the base part (Component A) thoroughly; add the hardener (Component B) in the correct ratio to the base part, and stir constantly until a homogeneous mixture is obtained. Apply the mixture before it reaches half of its Pot Life. Further details can be obtained from Sika Industry's Technical Services Department. For automated applications, contact the System Engineering Department of Sika Industry.
Outdoor Application	Outdoor applications are handled in the same way as indoor applications, with the exception that a bead of Sikasil® WS sealant is applied over the cured PU grout to protect the grout from UV rays. The PU grout must first be allowed to cure a minimum of 24 hours.
Removal	Uncured SikaGlaze® GG-735 can be removed from tools and equipment with Sika® Remover-208. Once cured, the material can only be removed by mechanical means. Hands and exposed skin should be washed immediately using Sika® Handclean Towels or a suitable industrial hand cleaner and water. Do not use solvents!
Storage Conditions	SikaGlaze® GG-735 has to be kept in a dry place at a temperature between 10 °C and 30 °C. Do not expose it to direct sunlight or frost. After opening the packaging, the content has to be protected from humidity. Minimum temperature during transport is -20 °C, and this, for a maximum of 7 days.
Further Information	Copies of the following publications are available upon request: <ul style="list-style-type: none"> ▪ <i>Safety Data Sheets</i> ▪ <i>General Guidelines: Glass Embedding with self-levelling Polyurethanes</i>
Packaging	Component A: 5 kg Can and 25 kg Pail; Component B: 1 kg Can, 5 kg Can and 20 kg Pail.
Value Bases	All technical data stated in this Product Data Sheet are laboratory test-based. Current measured values may vary due to factors beyond our influence.
Health and Safety Information	For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent SAFETY DATA SHEET containing physical, ecological, toxicological and other safety-related data.

KEEP OUT OF REACH OF CHILDREN
FOR INDUSTRIAL USE ONLY

The Information, and in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions, within their shelflife. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request or may be downloaded from our website at: www.sika.ca

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