

Code	Description	Size	Colour
19299	Gorilla Glass & Ceramic	300ml	White
19304	Gorilla Glass & Ceramic	300ml	Clear

1. Description

Gorilla Glass & Ceramic Silicone Sealant is a high-quality, elastic, one-component acetic cure joint sealant based on silicones.

2. Characteristics

- Very easy application
- UV-resistant
- Stays elastic after curing
- Very good adhesion on many materials
- Fast skinning
- Interior and exterior

3. Technical Data

Base:	Polysiloxane
Consistency:	Stable Paste
Curing System:	Moisture Cure
Skin formation* (20°C / 65% R.H.):	Ca. 7 min
Curing speed * (20°C / 65% R.H.):	Ca. 2 mm/24h
Hardness (SIN 53505):	25 ± 5 Shore A
Specific Gravity (DIN 53479):	Ca. 1,03 g/mL (clear) Ca. 1,25 g/mL (colours)
Elastic Recovery (ISO 7389):	> 90%
Maximum Deformation:	25%
Temperature Resistance:	-60°C to +120°C
Maximum Tension (DIN 53504):	1,50 N/mm ²
Elasticity Modulus 100% (DIN 53504):	0,40 N/mm ²
Elongation at break (DIN 53504):	800%
Application Temperature:	5°C to +35°C

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

4. Applications

- Building and construction joints
- Glazing and connection joints
- Elastic joints in coldstore and container applications
- Sealing in air condition systems

5. Packaging

300 ml cartridge (net content)

6. Shelf Life

15 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

7. Building Product Information

Manufactured By Soudal NV
Distributed By Soudal Ltd

Relevant Building Code Clauses

- Clause B2 DURABILITY: Performance B2.3.1 (b) 15 years and B2.3.1 (c) 5 years
- Clause E2 EXTERNAL MOISTURE: Performance E2.3.2.
- Clause E3 INTERNAL MOISTURE: Performance E3.3.3, E3.3.4, E3.3.5 and E3.3.6.
- Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1.

Contribution to compliance With NZBC

Performance B2.3.1 (b) 15 years and (c) 5 years: This product achieves these durability requirements and will remain serviceable for 15 years, or more, when installed and maintained in accordance with the relevant Soudal product technical documents. Soudal maintains production & management systems in accordance within its ISO9001:2015 Quality Management System.

Performance E2.3.2: In accordance with E2/AS1. This product has been tested and is compliant with the ISO11600:2002 Type F, Class 25LM classification. soudal.co.nz. When used to seal flexible joints, as part of a roofing or wall cladding system, or around external openings, such as windows and doors, the product contributes to meeting the E2.3.2 weather-tightness requirements.

Performance E3: The product can be used to form impervious joints between sheet lining materials and also a joint between fixtures and lining materials in accordance with NZBC Acceptable Solution E3/AS1.

Performance F2.3.1: This product meets this requirement when used and applied in accordance with Soudal's installation instructions and does not present a health hazard to people occupying or using the building. Refer to the Soudal Product Technical Data Sheet and product Safety Data Sheet soudal.co.nz for further information if required.

8. Application Instructions

Application method: With manual- or pneumatic caulking gun.

Finishing: With a soapy solution before skinning.

Repair: Gorilla Glass & Ceramic Silicone

Substrates

Substrates: All usual building substrates, ceramic tiles, enamel, stainless steel, acrylic baths, glass

State of Surface: Clean, dry, free of dust and grease.

Preparation: The use of Gorilla Primer 150 on porous surfaces and Gorilla 696 Surface Activator on non-porous surfaces is recommended to improve the adhesion of Gorilla Glass & Ceramic Silicone. When glazing clean frame and glass surfaces that come into contact with the silicone sealant.

Soudal Ltd recommends a preliminary compatibility test to ensure that the user is satisfied with the result given.

Joint dimensions

Min. width for joints: 5 mm

Max. width for joints: 30 mm

Min. depth for joints: 5 mm

Recommendation sealing jobs: joint width = 2x joint depth.

Limitations:

- Do not use on double glazing, coated glass products.
- There is no adhesion to PE, PP, PTFE (Teflon®) and bituminous substrates
- Because of the acid nature, certain metals (eg copper, lead) can be affected.
- Do not use on natural stones like marble, granite,...(staining). U
- A total absence of UV can cause a colour change of the sealant. In an acid environment or in a dark room, white silicone can slightly turn yellow. Under the influence of sunlight it will turn back to its initial colour.
- Do not use on polycarbonate.
- Do not use in applications where continuous water immersion is possible

9. Health and Safety Recommendation

Take the usual labour hygiene into account. Consult the packaging label for more information.

Remark

*The directives and data contained in this documentation is provided in good faith and accurately reflect Soudal's knowledge when its products are properly stored, handled and applied under normal conditions in accordance with Soudal's recommendations. In practice, the diversity of the materials, substrates, environments, site conditions, product storage, handling and application are such that no warranty can be given in respect to the merchantability or fit for purpose, of any product. All users must determine the product suitability for their purposes through testing. This technical data sheet and product properties may change without notice so users, suppliers and retailers of Soudal products should always check that the data sheets they have are the latest. To the maximum extent permitted by law, Soudal disclaims all warranties in relation to either the manufacture, storage and end use of the product. All orders are accepted subject to our current terms of trade. **If any clarification is required, please contact Soudal Technical Services or email info@soudal.co.nz.***

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