

Code	Description	Size	Clear
23200	Gorilla 980 Plumbers Silicone Sealant	300ml	Translucent

## 1. Description

Gorilla 980 Plumbers Silicone Sealant is a fast curing neutral cure, fully elastic one- component joint sealant based on silicones which meets ISO 11600 F+G 25LM.

## 2. Characteristics

- Very easy to apply
- UV resistant
- Stays permanently elastic after curing
- Very good adhesion to many materials
- Low modulus

## 3. Technical Data

<b>Base:</b>	Polysiloxane
<b>Consistency:</b>	Paste
<b>Curing System:</b>	Moisture Cure
<b>Skin formation* (20°C / 65% R.H.):</b>	Ca. 10 min
<b>Curing speed * (20°C / 65% R.H.):</b>	2 mm/24h
<b>Hardness:</b>	22 ± 5 Shore A
<b>Specific Gravity (DIN 53479):</b>	1,03 g/mL
<b>Temperature resistance:</b>	-60 °C → +180 °C
<b>Elastic recovery (ISO 7389):</b>	> 90 %
<b>Maximum allowed distortion:</b>	±25 %
<b>Elasticity modulus 100% (DIN 53504):</b>	0,33 N/mm <sup>2</sup>
<b>Max. tension (DIN 53504):</b>	1,10 N/mm <sup>2</sup>
<b>Elongation at break (DIN 53504):</b>	600 %
<b>VOC</b>	22g/l*

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

## 4. Applications

- Building and construction joints.
- Top sealing at glazing jobs.
- Sealing between treated wood and glass.
- Sealing between PVC and glass.
- Sealing sheet metal, aluminium roofing, flashing and guttering

## 5. Packaging

Cartridge 300mL

## 6. Shelf Life

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

## 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](http://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](http://soudal.co.nz) for further information if required.

## 8. Application Instructions

### Surfaces:

Type: All usual building surfaces. Not on PE, PP, PTFE and bituminous substrates. Not designed for copper & brass based metals

State of Surface: Ensure surface is 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 will improve the adhesion of Gorilla 980 Plumbers Silicone Sealant.

Activator should be used to enhance adhesion to non porous surfaces.

Soudal Ltd recommends preliminary compatibility tests.

### Joint Size:

Minimum Width:	5mm
Maximum Width:	30mm
Minimum Depth:	5mm
Recommendation:	2 x depth = width

### Application:

Method:	Caulking gun
Application temperature:	+5°C to +35°C
Clean:	Gorilla Solvent Cleaner.
Finish:	With soapy water before skinning
Repair:	Gorilla 980 Plumbers Silicone Sealant

**Remarks:**

Warning: This product should not be used to install double glazed windows and security glass.  
Do not use on natural stones.  
We also recommend a preliminary adhesion test on PVC.  
This product is not designed for direct use on copper and brass based metals

**9. Health and Safety Recommendation**

- Apply the usual industrial hygiene.
- Consult the 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](mailto:info@soudal.co.nz).***

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