

Code	Description	Size	Colour
20321	Gorilla FixALL Flexi	125 ml	White
20322	Gorilla FixALL Flexi	290 ml	White
20323	Gorilla FixALL Flexi	290 ml	Grey

## 1. Description

Gorilla Fix All Flexi is a high quality, neutral, elastic, one-component adhesive sealant based on SMX Hybrid.

## 2. Properties

- Good extrudability
- Stays elastic after curing and very durable
- Excellent adhesion on nearly all surfaces, even if slightly moist.
- Can be painted with water-based systems
- No odour.
- Very low emission, EC1+ certified
- Impervious to mould, contains biocide with fungicidal action
- Does not contain solvents, isocyanates, acids, halogens and toxic components, completely neutral.
- Good weather and UV resistance

## 3. Technical Data

<b>Base:</b>	SMX Polymer
<b>Consistency</b>	Stable paste
<b>Curing system</b>	Moisture curing
<b>Skin formation* (23°C / 65% R.H.)</b>	Ca. 10 min
<b>Hardness</b>	Ca. 40 ± 5 Shore A
<b>Density</b>	1,67 g/ml
<b>Elastic Recovery (ISO 7389)**</b>	> 75%
<b>Maximum allowed distortion (ISO 11600)</b>	± 20 %
<b>Max. tension (ISO 37)**</b>	1.80 N/mm <sup>2</sup>
<b>Elasticity modulus 100% (ISO 37)**</b>	0.75 N/mm <sup>2</sup>
<b>Elongation at Break (ISO 37)**</b>	750 %
<b>Temperature resistance</b>	-40 °C → 90 °C
<b>Application temperature</b>	5 °C → 35 °C

\*This varies according to ambient conditions such as temperature, humidity, substrate etc. \*\* This information relates to fully cured product.

## 4. Applications

- Sealing and bonding in the building and construction industry.
- Strong elastic bonding in vibrating constructions.
- Sanitary applications.
- Sealing of floor joints.
- Sealing and bonding in the building and construction industry.

## 5. Packaging

125ml (net content) Tube

## 6. Shelf Life

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

## 7. Application Instructions

### Surfaces

Type: All usual building substrates, treated wood, aluminium, natural stone, PVC, plastics.  
State: Rigid, clean, dry or slightly moist, free of dust and grease. Porous surfaces in water loaded applications should be primed with Gorilla Primer 150. All smooth surfaces can be treated with Gorilla 696 Surface Activator.

Tested on Metals Steel, AlMgSi1, brass, electrolytic galvanised steel, AlCuMg1, flame galvanised steel, AlMg3 and steel ST1403.

Plastics Good adhesion on plastics: polystyrene, polycarbonate (Makrolon®), PVC, ABS, polyamide, PMMA, fiberglass reinforced epoxy, polyester. While producing plastics very often releasing agents, processing aids and other protective agents (like protection foil) are used. These should be removed prior to bonding. For optimum adhesion the use of Gorilla 696 Surface Activator is recommended.

### Joint dimensions

Min. width for bonding: 2 mm  
Min. width for joints: 5 mm  
Max. width for bonding: 10 mm  
Max. width for joints: 30 mm  
Min. depth for joints: 5 mm

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

**Application method** With manual - or pneumatic caulking gun.

**Application Temperature:** +5°C until +35°C.

**Cleaning:** With Gorilla Solvent Cleaner before curing, or mechanically after curing

**Finishing:** With a soapy solution before skinning

**Repair:** Gorilla Fix All Flexi.

### Application Limitations

- Good resistance to (salt)water, aliphatic solvents, hydrocarbons, ketones, esters, alcohols, diluted mineral acids and alkalis.
- Poor resistance to aromatic solvents, concentrated acids and chlorinated hydrocarbons.
- Gorilla Fix All Flexi is not suitable against the following materials; PE, PP, PTFE (Teflon), silicones, bituminous substrates, Copper or copper containing materials (Copper, Brass, Zinc-Bronze).
- Not recommended for bonding plastics like PMMA (e.g. Plexi® glass), polycarbonate (e.g. Makrolon® or Lexan®) as stress loaded applications can give rise to stress cracking and crazing in these substrates.
- Not suitable for a glazing sealant or use in aquariums.
- Gorilla Fix ALL Flexi can be used for bonding of and sealing on natural stone.
- The sanitary formula should not replace regular cleaning of the joint. Excessive contamination, deposits or soap remains will stimulate the development of fungi.
- Do not use in applications where continuous water immersion is possible.
- A total absence of UV can cause a color change to the sealant.
- When using different reactive joint sealants, the first joint sealant must be completely hardened before the next one is applied.
- Gorilla Fix ALL Flexi has a good UV resistance but can discolour under extreme conditions or after very long UV exposure.
- Discoloration due to chemicals, high temperatures, UV-radiation may occur. A change in colour does not affect the technical properties of the product.

## 8. Health and Safety Recommendation

- Apply the usual industrial hygiene
- Please refer to the MSDS for more detailed 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).**

**Last Updated:** 3 August 2023

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