

Code	Description	Size	Colour
20311	Gorilla FixALL Turbo	290ml	White

1. Description

Gorilla Turbo is a high quality, neutral, elastic, one-component adhesive sealant based on MS-Polymer with very fast strength build-up.

2. Properties

- Quickly manipulable and very fast build-up of strength with thin adhesive layer and on porous substrates.
- Very high final strength
- Good extrudability
- Good adhesion to most common substrates, even on slightly wet substrates
- Permanent elastic after curing
- Can be painted with water based systems
- Good colour stability, weather and UV resistance

3. Technical Data

Base:	SMX Polymer
Consistency	Stable paste
Curing system	Moisture curing
Skin formation* (20°C / 65% R.H.)	Ca. 5 min
Hardness	Ca. 65 ± 5 Shore A
Density	1,52 g/ml
Maximum allowed distortion	± 20 %
Temperature resistance	-40 °C → 90 °C
Max. tension (DIN 53504)	3.80 N/mm ²
Elasticity modulus 100% (DIN 53504)	3.00 N/mm ²
Elongation at Break (DIN 53504)	200 %
Adjustable Until	Ca. 5 min
Application temperature	5 °C → 35 °C

*This varies according to ambient conditions such as temperature, humidity, substrate etc

4. Applications

- Bonding in building and metal industry.
- Elastic bonding of objects, panels, profiles and other pieces on the most common substrates.
- Sealing and bonding in the building and construction industry.
- Good adhesion on plastics: polystyrene, PVC, polyamide, fiberglass reinforced epoxy, polyester. Good resistance to water, aliphatic solvents, mineral oils, grease, diluted inorganic acids and alkalis.

5. Packaging

290ml cartridge

6. Shelf Life

12 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, plastics.
State: Clean, 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 Metal Surfaces 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.

Method: Apply the adhesive by means a caulking gun in uniform adhesive strips or dots (every 15 cm) on one of the substrates. Always apply an adhesive dot or strip on the corner and edges of panels. Bond the substrate and tamp with a rubber hammer. If necessary, support the bonded materials.

The adhesive is hand tight after 20 min and can be loaded after 3 hours.

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

Clean: Clean with white spirits or Gorilla Solvent Cleaner.

Repair: Gorilla Fix All Turbo.

Application Limitations

- Poor resistance to aromatic solvents, concentrated acids and chlorinated hydrocarbons.
- Gorilla Fix All TURBO 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.

Soudal recommends preliminary compatibility tests

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.**

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Supplier contact details:	Soudal Ltd	Freephone: 0800 70 10 80
	14 Avalon Drive	Phone: (07) 847 5540
	Nawton	
	Hamilton 3200	Email: sales@soudal.co.nz
	New Zealand	Website: www.soudal.co.nz