

Code	Description	Size	Colour
20310	Gorilla FixALL X-Treme Power	290ml	White

1. Description

Gorilla FixALL X-Treme Power is a high quality, neutral, elastic, one-component adhesive sealant based on MS-Polymer with an extremely high initial tack of min. 400 kg/m².

2. Characteristics

- Extreme high initial tack of min. 400 kg/m².
- Fast curing.
- Good workability with included triangular shaped nozzle.
- High shear strength after full cure (no primer).
- Stays elastic after curing and very sustainable.
- No odour.
- Free of isocyanate's, solvents, halogens and acids.
- Good colour stability.
- Weather and UV resistance.
- Excellent adhesion on nearly all surfaces, even if slightly moist.

3. Technical Data

Base:	SMX Polymer
Consistency	Stable paste
Curing system	Moisture curing
Skin formation* (20°C / 65% R.H.)	Ca. 4 min
Curing speed * (20°C / 65% R.H.)	Ca. 2mm / 24h
Hardness	Ca. 55 ± 5 Shore A
Density	1,46 g/ml
Maximum allowed distortion	± 20 %
Temperature resistance	-40 °C → 90 °C
Max. tension (DIN 53504)	2,10 N/mm ²
Elasticity modulus 100% (DIN 53504)	1,80 N/mm ²
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, elastic structural bonding in automotive applications: buses, trains, trucks, caravans and ship-building.
- 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.
State: Porous surfaces in water loaded applications should be primed with Primer 150. All smooth surfaces can be treated with Gorilla 696 Surface Activator.

Joint Size

The optimal bond thickness for this product is at least 2 mm for the elastic properties to come to full justice.

Method: Apply the adhesive with a caulking gun onto one surface in beads or dabs (every 15 cm). Always apply adhesive to the edges and corners of panels. Press the surfaces together and batten down with a rubber hammer. Support of the bonded materials may be required. The bond can be fully loaded after 24-48 hours.
Application Temperature: +5°C until +35°C.
Clean: Clean with white spirits or Gorilla Solvent Cleaner.
Repair: FixAll X-Treme Power.

Application Limitations

- Poor resistance to aromatic solvents, concentrated acids and chlorinated hydrocarbons.
- Gorilla Fix All X-Treme 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 contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.

If any clarification is required, please contact Soudal Technical Services or email sales@soudal.co.nz.

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Last Updated: 17 March 2020