

GENERAL PURPOSE GP PLUS

Revision: 1/04/2024

Page 1 of 2

Technical Data

Basis	Polysiloxane
Consistency	Paste
Curing System	Moisture Cure
Specific Gravity	Ca. 1.00
Skin formation time (23°C/50% R.H) (min)*	Ca. 7
Tack Free Time (23°C/50% R.H) (min)*	20
Curing Rate (mm/24h)*	Ca. 3
Slump (mm)	Nil
Hardness Shore A, Points (ISO 868)**	18 ± 5
Tensile Strength (N/mm ²) (ISO 37)**	1.7
Elongation at Break (%) (ISO 37)	>400
Elasticity Modulus 100% (N/mm ²) (ISO 37)**	0.30
Maximum allowed Distortion (%)	25
Elastical Recovery (%)	> 90 %
Temperature Resistance (°C)	-60 to +150
Application Temperature (°C)	+5 to +40

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

**This information relates to fully cured products.

Description:

General Purpose - GP PLUS is a high-quality, elastical one-component joint sealant based on silicones.

Properties:

- Ready to use, highly elastic
- Excellent UV resistance
- Excellent sealing and bonding properties
- Suitable for both interior and exterior applications
- Low shrinkage

Packaging:

Colour: Clear, White, Black

Packaging: Cartridge 280ml, Sausage 560ml

Applications:

GP PLUS is most suitable for automotive applications, glass, aluminium, glass window frame joints, ceramics, vitreous surfaces many plastics, paints, rubber, tiles, sanitary wires, fiber glass and most non-porous substrates.

Shelf Life and Storage:

12 months from date of manufacturing in unopened packaging stored in a cool and dry place at recommended temperatures between +5°C and +25°C.

Health and Safety Recommendations:

Apply the usual industrial hygiene.
Consult the label for more information.

Substrates:

Type: all usual surfaces, except PVC, PE, PP, PTFE and bituminous surfaces.

State of Surface: clean, dry, free of dust and grease

Preparation: apply Primer 150 for applications on porous surfaces no primer required for non-porous surfaces.

We recommend a preliminary compatibility test.

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.

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Page 2 of 2

Joint Size:

Minimum Width: 5mm

Maximum Width: 30mm

Minimum Depth: 5mm

Recommendation: 2 x depth = width

Application Method:

Method: Caulking gun or Pneumatic gun

Application temperature: +5°C to +35°C

Clean: with white spirit immediately after use

Finish: with soapy water before skinning

Repair: with GP PLUS

Remarks:

- Due to the acetic character some metals (copper, lead) can be attacked.
- Do not use this sealant on natural stones like marble, etc. For this application we recommend Silirub MA or Soudaseal 212 CS.
- Contact between this sealant and the primary sealants of double glazed insulation windows or the PVB film of security glass should be avoided.

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