



GP (GENERAL PURPOSE)

ACETOXY SILICONE SEALANT

FEVISEAL GP is a one-part acetic cure, moisture-curing, silicone sealant that cures to form a tough, rubber providing long-term flexibility and durability when used in gap filling. It has excellent adhesion to glass, wood, ceramics, and most metals making it suitable for multiple gap filling applications.

Typical Applications

- Compatible with applications involving glass, aluminum, non-oily wood, concrete, u-PVC, steel, ceramics, etc.
- Interior sealing of window/door frames, glass partitions, ducting, and sanitary sealing.

Features

- One-component ready to use
- Acetic Cure
- Fast skinning and curing
- Clear variant has very good clarity making it ideal for interior gap filling with glass-based substrates.
- Cured sealant remains stable and flexible from -10°C to +80°C
- Primerless adhesion to glass, aluminium, wood and most building substrates.

Packaging

- 280 ml plastic cartridge with separate nozzle. Available in clear color.

Method of Application

1. SURFACE PREPARATION

- The surface should be made clean, dry and degreased before applying FEVISEAL GP sealant

2. MASKING TAPE

- Fix a masking tape on both sides of joint leaving exact gap for filling. This will make the joint look good and uniform.

3. APPLICATION

- It is supplied in ready to use plastic cartridges. Cut nozzle at a 45° angle to desired bead size. Cut the tip of cartridge and fix the nozzle. Load the cartridge into the sealant gun.

4. FINISHING

- Fill the joint with FEVISEAL GP sealant
- Immediately after filling the joint, the sealant should be tooled either with pallet knife or similar tool of required size.
- Tooling is essential to remove air bubbles if any and to fill up all voids by the compacting action.
- This results in proper adhesion to the sides of the joint. It also gives better aesthetic look.
- Remove the masking tape immediately after application of the sealant.

5. CURING

Allow sealant to cure for a minimum of 3 days to get the best expected performance. Full curing times may vary in the case of extreme conditions of humidity (<40%) and temperature (>40 °C)



Precautions and Limitations

- Should not be used with PP,PE,PTFE,Zinc,Brass,painted surfaces, and white stones.
- Do not inhale the vapors of the sealant released directly during curing.
- Do not use for structural glazing, or for weatherproofing applications
- Should not be used for bonding applications such as Mirror fixing or painted Glass bonding.
- Not recommended for continuous water immersion applications.
- Not recommended for use in below-ground joints or trafficable joints where abrasion and physical abuse are encountered.
- Cannot be painted as paint has no adhesion to sealant.
- Should not be applied to surfaces in direct contact with food or drinking water.
- Do not apply at temperatures below 4°C or when surface temperature exceeds 50 °C

Technical Information-Typical Values

Physical Property	Test Standard	Clear
Physical appearance	Visual	Thixotropic paste
Density (g/ cm ³) uncured paste		0.93-1.00
Skin formation time (min)@ 25 ± 1 ⁰ C, 50+/- 5% RH	Internal	5 - 20
Tack free time (min) @ 25 ± 1 ⁰ C, 50+/- 5% RH	ASTM C 679	<40
Sag/Slump (Vertical), mm	ASTM D 2202	< 2 mm
Extrusion rate, gram/sec	ASTM C 1183 (Procedure B)	2
Cure rate mm/24 hr @ 25 ± 1 ⁰ C, 50+/- 5% RH	Internal	2 mm
Durometer Hardness Shore A	ASTM C 661	15-18
Tensile Strength (N/mm ²)	ASTM D 412	≥0.5
Elongation @ break %	ASTM D 412	>400
Tear Strength N/mm (Die C)	ASTM D 624	4

Typical values are average data and are not to be used as or to develop specifications

Shelf-Life

Shelf life is 12 months from the date of manufacturing. The material should be stored in cool and dry place.

Health and Safety

Refer product label and Material Safety Data Sheet (MSDS) for safety information.



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