



Feviseal Acetoxy sealant

Product Description -

Feviseal acetoxy sealant is an acetoxy cure, high modulus and single component silicone sealant. When properly cured, it becomes a permanently elastic compound. It has excellent adhesion to glass, ceramics and sanitary ware etc.

Characteristics & Advantages -

Ready to use - No mixing is required, directly applicable through cartridge.

Solvents free – No solvent hence eco-friendly.

Sagging – It is completely non-sagging in nature.

Flexibility – Tough & flexible after curing so performs well during expansion & contraction.

Curing – Cures by moisture absorption from air at ambient temperature & relative humidity.

Service temperature – From – 60 to +180oC.

Plastic deformation – Up to 95% recovery after plastic deformation.

UV resistant - Good UV resistance & insulation properties.

Self priming - No primer is required when sealing joints in glass, ceramics and vitreous surfaces

Areas of Application –

*Ideal for sealing glass and aluminium & non-oily wood.

*Sealing of aluminium/glass window frame joints, fixing glass into aluminium frames in lieu of rubber beading.

Technical Data

Description of Specification	Units	Value
Appearance	--	Thick uniform thixotropic paste free from bubbles
Density	g/cc	0.94 - 1.00
Skinning time	minutes	5.0 - 25
Tack Free time	minutes	Maximum 40
Hardness	Shore A	15 - 25
Extrusion Rate,	g/sec.	Minimum 2.0
Slump – Vertical – Horizontal	mm	Max.2



Curing time		Approximately 24 hrs for 1-1.5 mm at 25oC
Tensile Strength at break(ASTM D 412)	N/sq.mm	Min 0.5 N/sq.mm
Elongation at break (ASTM D 412)	%	Min.375

Method of Application –

1 **SURFACE PREPARATION** -The surface should be made clean, dry and degreased before applying Feviseal Acetoxy sealant.

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

3 **APPLICATION** -It is supplied in ready to use plastic cartridges. Cut nozzle at an 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 acetoxy 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 surface. Remove masking tape once the sealant is in touch dry condition

5 **CLEANING**- After sealing the joint the tools and equipment should be cleaned immediately with kerosene or any other cleaning solvents

6 **CURING**- Allow sealant to cure for 7 days minimum at above 50% RH.

Not recommended for use-

1. Do not use in fish tanks and food industries.
2. Do not use for structural glazing application
3. Not to be used where over coating of painting to be done.
4. Do not use for filling gaps on masonry & cementitious surfaces.
5. Not for application requiring architectural sealant.

Packing –

280 ml & 240 ml plastic cartridge with separate nozzle.

Coverage- One 240 ml; cartridges Will cover 5 mm width x 5 mm depth joint = 9.6 linear metre 10 mm width x 10 mm depth joint = 2.4 linear metre

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

Health & Safety Precautions - Some people are sensitive to solvents, resins and hardeners so it is advisable to use hand gloves and goggles. Avoid application on damp and moist substrates and at temperature below 5°C.



Disclaimer: The directives contained in this documentation are as a result of our experiments and our experience and have been submitted in good faith. Because of the diversity of the material and substrates and the great number of possible application, which are out of our control, we cannot accept any responsibility for result obtained. In every case it is recommended to carry out preliminary experiments before actual use

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