



## Feviseal Multipurpose Siliconized Acrylic Sealant- Clear

### Product Description

Feviseal Multipurpose Clear sealant is a ready to use, siliconized, water base acrylic sealant which on full air drying gives good waterproof crack bridging and sealing for wide variety of surfaces in interior or exterior applications. It contains a silicone additive which provides flexibility, durability and improves substrate adhesion. It is compatible with most materials used in construction and It gives a clear finish on complete drying.

### Characteristics & Advantages

- Single component and siliconized
- Low VOC
- Excellent flexibility and adhesion
- Anti-sag
- Clear finish on complete drying
- Gap-filling – ideal for filling gaps and cracks
- Good adhesion to a variety of substrates
- Paintable

**Application Areas:** Can be used for most types of interior/exterior sealing applications such as between Glass partitions, moldings, baseboards, around AC ducts, vents, pipes & fittings, frames of exhaust fans etc. Adheres to - all types of wood, Al, glass, most metals, PVC, most plastics, glass, plaster, brick, stones and concrete.

### Technical Data (Typical values)

Description of Specification	Units	Value
Colour & appearance	--	White uniform paste on extrusion. Turns Clear after 7 days
Flow/Sag at ambient temperature	--	Nil
Specific gravity at 30 °C	g/cc	1.05
Skin formation time at 30 °C	Minutes	10 to 30
Curing speed @ 30 °C, 60% RH	--	2 mm per day

Hardness Shore A after 7 days cure @ 30 °C, 60%RH	Shore A	45
% Elongation at break after 7 days cure @ 30 °C, 60%RH	%	700 Minimum
Paintability	--	Paintable
Shrinkage	% v/v	Below 40

\*\*The above typical properties are average data and are not to be used as or to develop specifications.

**Surface Preparations:** The surface coming into direct contact with the Feviseal Multipurpose acrylic sealant must be clean, dry and free from all loose materials, dust, dirt, oil, rust and any other contaminants.

**Directions:** It is highly recommended to read and understand this technical data sheet completely before beginning any application and installation. Always do a test area to ensure product satisfaction and to become familiar with proper application techniques.

**Application Method:** Insert the cartridge in the manual or pneumatic cartridge dispensing gun and apply nozzle on top. Cut the cartridge nozzle with the help of a cutting knife at a 45-degree angle to get the desired bead size. Apply masking tapes on both sides of the joint before filling. Immediately fill the sealant with a continuous uniform pressure into the gap and then tool/smoothen the sealant using a pallet knife, metal plate or a dry finger to smoothen the sealant bead and remove any excess sealant. This tooling will ensure the bead achieves its structural durability post curing and aesthetic look. The tooling must be done before the top layer of sealant has cured/skin time has been achieved.

Wash the hand and tools with water. Depending on the application, do not expose to any kind of water for at least 24 hrs. Full drying will take 7 days. Drying time might increase if the humidity is greater than 80% and/or temperature is below 13 °C. Drying time also might increase if the gap width is greater than 8 mm. It's recommended that the sealant bead is exposed to maximum ventilation to aid in faster drying. Drying might be faster on porous substrates compared to non-porous substrates.

Please note that the sealant on extrusion is white in colour and ideally turns clear in 7 days (subject to environmental conditions and full adherence of instructions in the TDS).

**Paintability:** Minimum 24 hrs drying is required for water base and oil-based paint application.

**Not recommended for use:** Should not be used for bonding of any panels/sheets (ACP, Glass, Glass products, Plastics, Stones to any substrate since the sealant is made for gap filling only. Not recommended for use where abrasion or physical abuse can be expected or applied to substrates where environmental conditions are below 5°C and above 45°C. It is not suitable on powder coated surfaces, damp substrates, trafficable applications, and places where therefore would be continuous water immersion such as bathrooms, Aquariums and Swimming pools. Not to be used on PE, PP and Teflon. In exteriors it should not be used for construction joints, Structural Glazing or Weatherproofing applications. Not to be applied on wet surfaces or when rain is expected in the next 24 hours to avoid adhesion issues or disturbance to sealant bead.

**Packaging:** Available in 280ml cartridge

**Storage & shelf life:** Store in cool and dry place. The material has a shelf life of 2 year from date of manufacturing, if stored at 5 to 30 °C and 50% relative humidity.

**Precaution:** Please refer MSDS.

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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.

**Pidilite Industries Limited**

**CORPORATE OFFICE: Ramakrishna Mandir Road, Andheri (East), P.O. Box No. 17401, Mumbai 400 059**