

TECHNICAL DATA SHEET

STOPGAP GPN CLEAR

General Purpose Neutral Cure Sealant

PRODUCT DESCRIPTION:

STOPGAP GPN CLEAR is a one-part, neutral silicone sealant with outstanding adhesion to most building substrates, such as concrete, fibrous cement glass, uPVC, metals, wood, and plastic. It exhibits good weather resistance and workability for glazing. It cures at room temperature in the presence of atmospheric moisture to obtain permanently flexible silicone properties.

CUSTOMER BENEFITS:

- Non-sag
- Excellent adhesion
- Excellent durability
- Good tooling properties
- No odor
- UV Resistant
- Flexible
- Does not discolor
- Non-corrosive
- Readily gunnable both at low (+5°C) and high (+40° C) temperatures
- Suitable for most substrates such as concrete, mortar, fibrous cement glass, and uPVC.
- Even without primer, it exhibits excellent adhesion to most porous siliceous materials (e.g., glass, tiles, ceramics, enamel, glazed tiles); metals (aluminum, steel, zinc, or copper) impregnated, varnished, or painted wood.

AREAS OF APPLICATION:

- Suitable for fenestration and glazing applications
- Sealant for internal connection and expansion joints on walls

INSTRUCTION FOR USE

SURFACE PREPARATION

The surface should be clean and dry. Remove any oil, grease, and loose particles from the substrates. Grind all weak parts of the joint and blow them off with compressed air.

APPLICATION

For application from cartridges, cut the thread open first. Then, fix the nozzle on top and cut it to the required bead size. The sealant can be applied in beads or layers. It requires moisture to cure.

The curing time can take longer at low temperatures, humidity, or volume of air exchange.

Note: **STOPGAP GPN CLEAR** is not recommended for sealing aquariums or long-term underwater applications. In addition, it is not suitable for food-grade applications where the joints are likely to come in contact with food.

Using a barrel gun, apply **STOPGAP GPN CLEAR** into the prepared joint and tool immediately to achieve a leveled surface. **STOPGAP GPN CLEAR** primer is recommended to achieve optimum adhesion and reduce staining on a porous substrate. **STOPGAP GPN CLEAR** is not suitable for plastic substrates such as Polyethylene, Polypropylene, ABS, Acrylic, and Polycarbonate.

TECHNICAL DATA

Color	:	Clear
Cure type	:	Oxime
Density	:	1.37g/cm ³
Hardness Shore A	:	35
Temperature Resistance	:	-40°C to 90°C
Skin-forming time (23°C, 50% RH)	:	10-30 min.
Modulus@ 100%	:	0.6N/mm ²
Tensile Strength	:	0.4N/mm ²
Elongation at break	:	470%

ESTIMATING DATA

Recommend coverage:

2.7 linear meter at 10mm x 10mm bead size

Note: The coverage rates provided above are for guidance purposes only. Actual usage may vary depending on the specific substrate conditions and application methods.

PACKAGING

STOPGAP GPN CLEAR is available in 270 mL cartridges that fit all standard caulking guns.

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STORAGE AND HANDLING

STOPGAP GPN CLEAR has 12 months of shelf life if kept in unopened and undamaged packaging. The product must be kept unopened and stored under cool conditions to prevent surface evaporation. It should be protected against direct sunlight.

PRECAUTIONS

HEALTH AND SAFETY

Cured silicone rubber, can be handled without any risk to health. However, during vulcanization, methyl ethyl ketoxime is released. These vapors should not be inhaled for long periods or in high concentrations. Good ventilation in the workplace is necessary. Should uncured silicone rubber come in contact with eyes or mucous membranes, the affected area must be rinsed thoroughly with water to prevent irritation.

Refer to the latest Safety Data Sheet (SDS) for comprehensive safety information on the proper handling of this product.

KEEP OUT OF REACH OF CHILDREN

WARRANTY AND DISCLAIMERS

The information provided in this technical data sheet is based on our best knowledge and testing methods. Any product use outside of specifications or improper storage or installation voids any warranty. Users are encouraged to conduct their own testing to assess product suitability. Always consult the product's safety data sheet (SDS) for safety guidelines and follow recommended precautions. We reserve the right to update this data sheet without notice, and users should