



GULF 1200 Silicone

(Anti-fungus & Anti Bacterial Silicone Sealant)

DESCRIPTION

Gulf 1200 Silicone is an anti-fungal fast curing one part silicone sealant which cures with atmospheric moisture to form a high strength rubber seal with excellent adhesion to glass, glazed surfaces, metals, most plastics, tiles, wood, concrete and other building materials. **Gulf 1200 Silicone** has excellent physical properties which are designed to give outstanding durability and performance.

PHYSICAL & CHEMICAL RESISTANCE

Highly resistant to mold, mildew, water, extreme temperature changes and aging. Resistant to oil, grease and mildly resistant to diluted alkalis and acids.

CAUTION

Crystalline silica, Eye contact may cause irritation. Prolonged skin contact may cause irritation. No expected harmful effects from inhalation of vapors.

Warning the product contain Crystalline Silica. Long-term inhalation may cause lung effect.

Typical Uses

- Glazing Applications
- Weather Sealing of Sheet Cladding and Curtain Walling.
- General Sealing and Assembling
- Automobile and Wind Shield Glass Fixing
- Sealing Air-Conditioning Systems
- Draught Proofing
- Sealing Doors, Window Frames, Skylights, Port Lights, Back Lights etc.

APPLICATION

Gulf 1200 Silicone applies to clean, dry, oil-free and sound surface, by power extrusion or trowel uniformly a 2" wide coat over the joint @ 2 to 2.2 gallon/100 ft². Total coverage 40-55 ft²/gal. Allow the completed joint to dry at least 24 hours above 25⁰C before pressure testing. High humidity (over 70%) and or cooler temp. may retard drying. Total WFT to be 30-35 mils

CLEANING

Clean with warm water and soap when wet.

Mineral spirits, when dry.



PROPERTIES

Sl.No	Properties	Unit	Specification
1	Color	-	Clear/white/Black (colors as per bulk orders)
2	Cure Systems	-	Acetoxxy
3	Specific gravity	-	0.9 ± 0.10
4	Skin forming time	Minutes	9
5	Hardening speed, in 24 hours	Mm	>2
6	Tensile strength	Kg/cm2	5-8
7	Elongation	%	> 500
8	Hardness	Shore A	11
9	Service Temperature	°C	-50 to 150
10	Tack free time	Minutes	30
11	Viscosity flow	-	Non sag paste
12	Full Cure	-	1-5 days Depending on bead thickness, Humidity and temperature
13	Adhesion on Aluminium Glass Ceramic Mild Steel	-	Excellent Excellent Excellent Excellent

STORAGE & SHELF LIFE

SHELF LIFE: Eight months from the month of manufacture, if stored below 25°C

Store under cover, protect from direct sunlight and high temperature (>30°C). Shelf life is up to 12 months in unopened container when stored as directed.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

PACKING: 250 gm, 270 ml Plastic cartridge.



HEALTH & SAFETY

As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn.

INHALATION: Inhalation of vapor or mist should be avoided. If inhaled symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency medical help.

EYE CONTACT: Flush eyes with water for 15 minutes and call for medical help.

INGESTION: causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not induce vomiting rather call for medical help immediately.

SKIN CONTACT: Flush with water or soap and water until all traces have been removed. Seek medical attention if required.

WARRANTY

The information given is based on our knowledge and performance of the material. Every precaution is taken in the manufacture of the product and responsibility is limited to the quality of supplies with no guarantee of results in the field, as manufacturer has no control over site conditions or execution of work.