SANITARY SILICONE

1 – DESCRIPTION

SANITARY SILICONE is a specially formulated for use in production and installation of shower cabins which has no solvent and shows excellent mold resistant properties. It's a superior sealant for sealing and glazing applications featuring excellent adhesion and durability.

2 – PROPERTIES

- Conforms to ISO EN 11600-F-20LM.
- %100 silicone, does not contain any solvent.
- Cures very fast.
- Mold-Proof.
- No shrinkage
- Stays bright and clean.
- Outstanding resistance to mildew and fungus.
- Resistant to temperature extremes and aging.
- Does not crack or discolor.
- Withstands detergents, cleaning agents and chemicals.
- Acetoxy curing system.
- **Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168.**

3 –APPLICATION AREAS

- Glazing and bonding in shower cabinets during production.
- Filling joints between tiles, tub and shower cabin during installation.
- Filling joints between bath tubs and tiles after production.
- Waterproofing sinks.

4 - INSTRUCTIONS

- Ensure that surfaces to be sealed are clean, dry and grease free.
- The application temperature must be between +5 °C and +40 °C.
- After the application, the sealant must be tooled with light pressure within 5 minutes to spread the material against the joint surfaces and to obtain a professional finish.
- Excess uncured sealant may be cleaned with solvent. Cured sealant can be removed barely mechanically.

- 6 mm. joint depths is recommended for joint widths between 6 mm to 12 mm.

Consumption (approx.)

Joint Width	6mm	9mm	12 mm
Joint Depth	6mm	6mm	6 mm
Efficiency /310 ml	8 meters	6 meters	4 meters

5- PACKAGING

Product	Volume	Package
Transparent	310ml	24
White	310ml	24

6- STORAGE AND SHELF LIFE

- The shelf life is 18 months if stored in unopened-original package at room temperature.

7- RESTRICTIONS

- SHOWER CABINE SILICONE SEALANT releases acetic acid during curing. Therefore, it must not be used on mirrors and sensitive metals such as copper, brass and lead.
- It's not paintable.
- It should not be used for aquariums.
- Prolonged exposure to direct sunlight must be avoided because of discoloring.
- It should not be used on porous surfaces such as stone, concrete, marble or granite.

8- SAFETY

If inhaled for a long time in large volumes, vaporizing acetic acid may cause irritation of the respiratory system. Therefore, the application must take place in a well-ventilated room. Prolonged contact with uncured sealant must be avoided.

9- TECHNICAL PROPERTIES

Basis	: Silicone Polymer	
Curing System	: Acetoxy	
Density	: 1.02 ± 0.03 g/ml	(ASTM D 792)
Hardness Shore A	: 24-30 (after 28 days)	
Tensile Strength	: ≤ 0,4 N/mm²	(ISO 8339)
Skin formation	: 7-13 min. (23°C and 50% R.H)	
Curing Rate	: Min. 3 mm/day (23°C and 50% R.H)	
Elongation At Break	: ≥ 250%	(ASTM D 412)
Elastic Recovery	: Approx.100%	(ISO 7389)
Sagging	: 0 mm	(ISO 7390)
Change in volume	: < 5%	(ISO 10563)
Temperature Resistance	: -50°C to +200°C	
Application Temperature	: +5°C to +40°C	