

SHOWER CABINE KITCHEN&BATHROOM SILICONE SEALANT

1 – DESCRIPTION

Shower Cabine Kitchen & Bathroom Silicone Sealant is a specially formulated acetoxy based sanitary silicone sealant for use in production and installation of shower cabins. It's a superior sealant featuring excellent adhesion and durability.

2 – PROPERTIES

- %100 silicone, does not contain any solvent.
- Cures very fast.
- Antibacterial.
- Almost no shrinkage.
- Stays bright and clean.
- Outstanding resistance to mildew and fungus.
- Resistant to temperature extremes and aging.
- Does not crack or discolour.
- Withstands detergents, cleaning agents and chemicals.
- Acetoxy curing system.

3 - APPLICATIONS

- 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.
- Waterproofing sinks.
- Sealing around bathroom fixtures

4 - INSTRUCTIONS

- It is recommended to make the application between +5 °C and +40 °C. Surfaces must be clean and dry. In order to reduce the deformations of the joints, their depth must be much less than their width, minimum dimensions are 5x5 mm, for wider joints the depth should be preferably half of the width and it is adjusted by the use of a back up material.
- To ensure straight sealant edges, the areas adjacent to joints must be masked with a masking tape. 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.

5- PACKAGING

Product	Volume	Package
Transparent	310ml	30
White	310ml	30

6- STORAGE AND SHELF LIFE

18 months if stored at room temperature.

7- RESTRICTIONS

- Shower Cabine Kitchen & Bathroom Silicone Sealant releases acetic acid during curing. Therefore, it must not be used on mirrors and sensitive metals such as copper, brass, lead and some types of aluminum.
- It's not over paintable.
- It should not be used for aquariums.
- Prolonged exposure to direct sunlight must be avoided.
- It should not be used on porous surfaces such as stone, concrete, marble or granite.

8- SAFETY

If inhaled in over a prolonged period or in large volumes, the acetic acid vapours released during curing 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 ± 0.02 g/ml	(ISO 1183)
Hardness Shore A	: 20-30 (after 28 days)	(ASTM C661)
Max. Tensile Strength	: 3N/mm ²	(ASTM D412)
Skin formation	: 5-15 min. (23°C and 50% R.H)	(ASTM C679)
Curing Rate	: Min. 2,5 mm/day	(23°C and 50% R.H)
Tensile Strength	: 0,3N/mm ² (23°C and 50% R.H)	(ISO 8339)
Elongation At Break	: > 350%	(ISO 8339)
Elastic Recovery	: ≥ 70%	(ISO 7389)
Sagging	: 0 mm	(ISO 7390)
Temperature Resistance	: -50°C to +200°C	
Application Temperature	: +5°C to +40°C	