

## AQUARIUM SILICONE SEALANT

### 01 DESCRIPTION

AQUARIUM SILICONE SEALANT is a non-toxic, solvent-free silicone sealant for use in aquarium construction and glazing applications. It's a high-quality acetic curing system based silicone sealant featuring excellent adhesion to glass and many other non-porous surfaces.

### 02 PROPERTIES

- %100 silicone
- Very good bond and physical strength
- Rapid curing
- Non-toxic to fish
- One component, cures with atmospheric moisture
- Keep its elasticity at low and high temperatures
- Does not crack, discolour or shrink
- Resistant to many chemicals
- Resistant to UV radiation

### 03 APPLICATIONS

- Bonding, sealing and repairing of aquariums
- Construction of glass structures, silos and containers
- General glazing and glass works
- Glazing on aluminum frames and shop displays
- Sealing of windows
- Universal building and construction joints
- Sealing of ventilation, heating and air-conditioning systems

### 04 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.

### 05 PACKAGING

Product	Volume	Package
100AQ	310ml	30



## 06 STORAGE AND SHELF LIFE

18 months if stored at room temperature.

## 07 RESTRICTIONS

- It is not suitable for applications in direct contact with marble, granite or other natural Stones.
- It is not recommended for direct contact with mirror and metals such as lead, copper, zinc or brass as it may cause corrosion.
- It is not over paintable.

## 08 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.

## 09 TECHNICAL PROPERTIES

Specific gravity	:1,01 - 1,03
Tack-Free time	:15-20 min (at 23 °C and 50% R.H.)
Curing rate	:Min. 3mm/day (at 23 °C and 50% R.H.)
Application temperature	:+5 °C to +40 °C
Temperature resistance	:-50 °C to +200 °C