



# TYTAN PROFESSIONAL Stop Mold Acrylic Silicone

## 280 ml white

10051330

Stop Mold is high quality sealant which contains fungicides that protect joint from fungi and mold growth up to 10 years. It is a flexible and durable acrylic silicone sealant with high resistance to detergents and common household-chemicals as well as UV, weather, moisture and temperature variations. It is chemically neutral, so it will not damage sensitive surfaces like natural stone or mirror. It has excellent adhesion to most building materials, both non-porous and porous: tiles, brick, stone, aluminium, glass and glazed surfaces and many plastics including rigid PVC. After curing, creates non-shrinking and elastic seal that does not turn yellow over time. Recommended as a sealant for bathrooms as well as kitchens.

### BENEFITS

- Resistant to cleaning agents and detergents
- odourless and chemically neutral
- paintable
- possibility of joint repair using the same material
- easily washable
- very good thermal resistance
- resistant to mechanical damage
- very good adhesion to ceramics
- increased water resistance
- for indirect food contact

### RECOMMENDED USES

- grouting all connections around showers, surfaces, sinks, bathtubs
- sealing of ceramic tiles
- filling of cracks, joints, scratches in ceramics
- sealing around mirrors
- sealing around doors and windows

1/4

## NORMS / ATESTS / CERTIFICATES

The product meets requirements of:

- EN 15651-1:2012 F-EXT-INT
- EN 15651-3:2012 S, S1
- French VOC Regulation A+
- EMICODE: EC1 PLUS
- ISEGA food contact

Additional information

- Fire reaction: E

## TECHNICAL DATA

Uncured - tested at 23°C and 50% relative humidity	Value
Density (ISO 2811-1) [g/ml]	1,15 - 1,19
Skin formation time [min]	5 - 7
Curing rate [mm/24h]	3 - 4
Flow from vertical surfaces [+50°C] (ISO 7390) [mm]	0 - 3
Cured - tested after 4 weeks at 23°C and 50% relative humidity	Value
Shore A hardness (ISO 868)	37 - 43
Temperature resistance [°C]	-20 - +80
Colour	Value
White	+
Conditions of application	Value
Surface temperature [°C]	+5 - +25
Container temperature [°C]	+5 - +25
Application temperature [°C]	+5 - +30

## METHOD OF USE

Prior to application, read safety instruction presented in MSDS.

### Surface preparation

- Bonding surfaces must be clean, dry (not frosted) free of dust, rust, old loose material, oil, grease, paint and other dirt which reduces the adhesion of the sealant.
- To avoid dirtiness around the gap and to maintain equal line use adhesive tapes which should be removed immediately after finishing sealing.
- Sealant does not require using primer on most surfaces but on some specific surfaces may have to use it to improve adhesion.
- Surfaces best degrease with acetone or ethanol (glass, glaze, metal) or detergent (synthetic materials).
- Joint width should be as to be able to carry movement in range calculated for sealant in question (movement accommodation).

### Product preparation

- Prior to application, the product should be conditioned at room temperature.

### Application

- Cut off the top of the threaded adapter. Screw the nozzle tip on and cut off at a 45° angle, with the diameter equal to the gap width.
- Treatment make at the time of workability given in the technical data table.
- Remove masking tape before skin will form.
- Joint should be allowed to fully cure.
- Squeeze out the sealant using mechanical squeezers
- Avoid contact of the joint with water for the first two days. The product reaches its final properties after 3-4 weeks.
- Smooth with a damp spatula while the product is fresh.
- The minimum recommended joint width is 5 mm and the maximum 15 mm. The joint should be designed so that the ratio of depth to width is 2:1 (e.g. 12 mm wide and 6 mm deep).

### Works after completion of application

- Wash uncured sealant from hands, tools and dirty surfaces with water.

### Remarks / restriction

- Sealant should not be used on bituminous surfaces, partially vulcanized rubber, chloroprene or other construction materials that bleed oils, plasticizers or solvents.
- The sealant is not intended for both direct food contact and medical applications. The product has not

3/4

been tested or submitted for approval for medical and pharmaceutical applications.

- Before painting it is recommended to conduct a trial test, especially in a case of solvent-based paints.
- The sealant is not recommended for joints subject to continuous exposure to water.
- The sealant has very good adhesion to raw wood, but it is recommended to check the adhesion each time, especially when the wood is impregnated, varnished or painted
- The sealant should not be used on sensitive metal surfaces including copper as it will discolour the substrate
- Due to the variety of building materials used, it is advisable to carry out a test trial each time before applying the product

## ADDITIONAL INFORMATION

All given parameters are based on laboratory tests compliant with internal manufacturer's standards and strongly depend on product hardening conditions (c.a., ambient, surface temperature, quality of used equipment and skills of person applying the product).

## TRANSPORT / STORAGE

Warranted shelf life is 18 months from the manufacturing date when stored in unopened, original package at temperature from +5 °C to +25 °C in a dry place.

Product can be transported at low temperatures up to 0 °C for up to 3 weeks, before using the product should be conditioned for 24 hours at +23 °C.

## SAFETY AND HEALTH PRECAUTIONS

For detailed information find Material Safety Data Sheet available at producer upon request.

All written or oral information, recommendations and instructions are given according to our best knowledge, tests and experience, in good faith and in compliance with manufacturer's principles. Each user of this material will make sure in every possible way, including verification of the final product in proper conditions, about suitability of the supplied materials for their intended purposes. The manufacturer is not liable for any losses incurred due to inaccurate or erroneous application of the manufacturer's materials.