



## Fawori Acrylic Mastic 500 gr

HIGHLY FLEXIBLE ACRYLIC SEALANT – Very elastic selant with a creamy consistency based on acrylic polymers in an aqueous emulsion that form a flexible and durable film. Easily applied in the cold following traditional application methods

### APPLICATIONS

seal joints with moderate movement between the aluminum and the wall.
connections between wooden door frames and wall
connections between prefabricated concrete elements and plaster
filling cracks not larger than 6 mm in concrete, block, partition wall, wood, plasterboard and extruded fiber cement

### BENEFITS

very strong and flexible
odourless and chemically neutral
possibility of painting after curing
possibility of applying multiple layers after curing
no unpleasant smells and no solvents
resistance to weather conditions and aging
easy application and cleaning of used tools
not sticky after curing

### APPLICATION CONDITIONS

Packaging temperature [°C ]	+5 - +25
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### DIRECTIONS FOR USE

Prior to application, read safety instruction presented in MSDS.

#### 1. 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.
- To increase the adhesion to absorptive substrates, using primer (solution of acrylic in water with ratio 1:2) is recommended.

#### 2. PRODUCT PREPARATION

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

#### 3. 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.
- Cut off the top of the foil. Screw the nozzle tip on and cut off at a 45° angle, with the diameter equal to the gap width.

Printed: 2020.05.18

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- Squeeze sealant by mechanical or pneumatic gun.
- Overdried porous surfaces (plaster, concrete) can be slightly moistened with water to improve the adhesion of the sealant.
- Treatment make at the time of workability given in the technical data table.
- Applied sealant should be smoothed immediately with a spatula soaked in water for best result.
- Remove masking tape before skin will form.
- Joint should be allowed to fully cure.

#### 4. WORKS AFTER COMPLETION OF APPLICATION

- Clean while uncured with water or water and soap.
- After curing, remove from hands with water and soap; from tools remove mechanically.
- Freshly applied sealant should be protected from rain and direct action of water for minimum 6 hours.
- DO NOT WASH HANDS WITH SOLVENTS.

#### 5. REMARKS / RESTRICTIONS

- Sealant should not be used on bituminous surfaces, partially vulcanized rubber, chloroprene or other construction materials that bleed oils, plasticizers or solvents.
- Do not apply sealant on sensitive metal surfaces, such as Copper and its alloys, because it will discolor the surface
- Do not apply PFA 181 if the temperature below +10°C during the day or when temperatures are expected to drop below +5°C within 24 hours after application and temperatures are higher than +40°C
- Surface and ambient temperature must be at least 3 °C higher than dew point
- Do not apply if rain is expected within the first 24 hours
- Do not apply sealant on weak or dusty substrates
- Do not apply the sealant on frozen or frosted surfaces

## TECHNICAL DATA

Color	
White	+

Uncured - tested at 23 °C and 50% relative humidity	Value
Density (ISO 2811-1) [g/ml]	1,44-1,48
Curing rate [mm/24h]	* 1,0-1,5
Flow from vertical surfaces [+50°C] (ISO 7390) [mm]	0 - 3

Cured - tested after 4 weeks at 23 °C and 50% relative humidity	Value
Module at 100% elongation (ISO 37) [MPa]	0,12 - 0,20
Elongation at break (ISO 8339) [%]	800
Shore A hardness (ISO 868)	20 - 30



Suface	Adhesion
Aluminium	+
Galvanized sheet	+
Coated sheet	+
Ceramic tile	+
Hard PVC (polyvinyl chloride)	+
Brick	+
Concrete	+

+ Good adhesion

± Partially adhesive detachment

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 24 months from the manufacturing date when stored in unopened, original package at temperature from +5 °C to +25 °C in a dry place protected from freezing.

## **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.