

# TYTAN PROFESSIONAL Bitumen Roof Sealant (Sheet Metal)

Flashing sealant is designed for repair works on roofing, in particular for sealing, protecting and connecting metal sheets and metal elements. Due to the addition of aluminium it is highly resistant to ageing caused by solar radiation. After hardening it forms a smooth, silvery coating.

## BENEFITS

- compatible with bituminous surfaces
- excellent adhesion to wide range of construction substrates
- good adhesion to humid surfaces
- high resistance to UV radiation
- high temperature resistance

## APPLICATION

- sealing and bonding joints between roof materials such as roofing paper, tile, metal plate.
- plating roof treatment
- bonding and sealing metal plates (among others pipes, gutters, hoods, chimneys, upstands)
- sealing metal roofing tiles, joints of metal sheets, chimneys etc.
- sealing corrugated and trapezoidal metal sheets joints

## NORMS / ATESTS / CERTIFICATES

The product meets requirements of:

- PN-B-24620:1998

Product has a Hygienic Certificate issued by the National Institute of Hygiene. Number of certificate:

- HK/B/1306/10/2011

## TECHNICAL DATA

Uncured - tested at 23°C and 50% relative humidity	Value
Density (ISO 2811-1) [g/ml]	1,1 - 1,2
Skin formation time [min]	15 - 30
Tack Free [min]	15 - 30
Flow from vertical surfaces [+50°C] (ISO 7390) [mm]	<2
Flow from vertical surfaces [+70°C] (ISO 7390) [mm]	<4
Cured - tested after 4 weeks at 23°C and 50% relative humidity	Value
Temperature resistance [°C]	-50 - +90
Adhesion to surface	Value
Aluminium	+
Concrete	+
Stainless steel	+
Galvanized sheet	+
Brick	+
Clinker tile	+
Bituminous shingless	+
Bituminous paper	+
Raw wood (pine)	+
Conditions of application	Value
Surface temperature [°C]	+10 - +35
Container temperature [°C]	+5 - +25
Application temperature [°C]	+10 - +35
Colour	Value
Silver	+

## METHOD OF USE

Prior to application, read safety instruction presented in MSDS.

## Surface preparation

- Bonding surfaces must be clean (not frosted) free of dust, rust, old loose old material oil, grease, paint and other dirt which reduces the adhesion of the sealant.

## Product preparation

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

## Application

- Apply in gloves.
- 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.
- Squeeze sealant by mechanical or pneumatic gun.
- Treatment make at the time of workability given in the technical data table.
- Joints should be smoothed by clean, smooth spatula.
- Joint should be allowed to fully cure.

## Works after completion of application

- Uncured product should be removed from hands, tools and dirty surfaces with paper towel.
- After curing, remove from hands with water and soap; from tools remove mechanically or with organic solvents.
- DO NOT WASH HANDS WITH SOLVENTS.

## Remarks / restriction

- Sealant is not intended for sealing joints of natural stone, such as granite, sandstone, marble, etc.
- Not suitable for bonding aquariums and terrariums.
- Sealant is not intended for applications involving structural glazing.
- It is not suitable for direct contact with food and medical uses. Sealant was not duly tested and it is not suitable for medical and pharmaceutical applications.
- Do not apply on PE, PP - no adhesion.
- Should not be used to polystyrene including foamed polystyrene - can damage the surface.
- If the surface is sensitive to solvents it is recommended to conduct tests in an inconspicuous

area.

- Do not apply on sensitive metal surfaces for example copper and its alloys and silver steel of mirrors.

## REMARKS / RESTRICTION

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.

## CATALOGUE DATA

Nominal capacity	Colour	Number of pieces per collective package	Catalogue Number	Index	EAN Code
310 ml	silver	12	SEA-SEAMERO2-TP-35-ml-310-153	10045238	5907516991370
310 ml	silver	12	SEA-SEAMERO2-TP-35-ml-310-153	10029661	5903518007330

## 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.