



# TYTAN PROFESSIONAL EVOMER Bitumen-polymer fast drying primer

Polymer-bitumen primer dedicated for priming substrates before applying bitumen coats, bitumen felts and waterproofing of foundation.

## APPLICATIONS

Priming mineral substrates (concrete, cement, brick, plaster), wood and OSB, bitumen and metal substrates
Priming substrates for bitumen roof coverings (Self-adhesive bitumen felt and thermo-weldable roofing paper, bituminous mastics, roof coatings)
Priming thermo-weldable and selfadhesive foundation bitumen felts and hydroisolation mastics
Improving adhesion and load-bearing capacity of inconsistent substrates, e.g. repaired bitumen coverings

## BENEFITS

Quick drying, resistant to rain after 20 minutes
High performance
Compatible with bituminous and mineral substrates and styrofoam
Environmentally friendly, solvent free
Can be applied on humid substrates
Ready to use
Can be diluted

## APPLICATION CONDITIONS

Application temperature [°C ]	+5 - +35
Storage temperature [°C ]	+5 - +30

## DIRECTIONS FOR USE

Prior to application, read safety instruction presented in MSDS.

### 1. SURFACE PREPARATION

- Before application dust the substrate, remove loose materials, secure cracks and defects.
- Substrates should be free from grease, oil and rust.
- It is recommended to wash surfaces using water with detergent, solvent or wire brush the surface.
- The substrate cannot be frozen or frosted. Humid substrates are allowed yet standing water should be avoided.
- Remove any loose materials, sharp edges, substances hindering adhesion and dust. Remove rust from metal surfaces.

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- When priming roofing paper with mineral granules, all unbound minerals should be removed as well as moss and lichens and other coatings reducing adhesion.

## 2. PRODUCT PREPARATION

- The product is ready to use. When applied on absorbent substrates it can be diluted with water at a volume ratio of 1:1 and for highly absorbent substrates at 1:2 ratio.
- Before use stir lightly.

## 3. APPLICATION

- The product can be applied with brush, roller or by airless spraying (recommended parameters: 519 nozzle, capacity 2,3 l/min, 150bar pressure).

## 4. WORKS AFTER COMPLETION OF APPLICATION

- DO NOT WASH HANDS WITH ORGANIC SOLVENTS.
- Uncured product can be removed from hands, tools and other substrates using soapy water and/or paper cloth.
- Cured product remove from hands using agents based on limonene; remove from tools mechanically or with organic solvent.

## 5. REMARKS / RESTRICTIONS

- Primer cannot be used during rain or frost.
- Drying time depends on type of substrate, temperature and humidity.
- The product is not suitable for direct contact with food and medical uses. It was not duly tested and it is not suitable for medical and pharmaceutical applications.
- Product is not dedicated to use on sensitive surfaces e.g. copper and its alloys as it may cause discoloration.

## TECHNICAL DATA

Color	
Black-brown, after curing black	+

Uncured - tested at 23 °C and 50% relative humidity	Value
Consistency	fluid
Density [g/ml]	0,9 - 1,1
Drying time [min]	10 - 25*
Solid content [%]	48 - 52
Viscosity 200 RPM, 25°C, spindle nr 3 [mPas]	150 - 200

Cured - tested after 2 weeks, 50% relative humidity	Value
Temperature resistance [°C ]	-20 - +90

Suface	Adhesion
Bituminous shingless	+
Bituminous paper	+
Clinker tile	+
Brick	+
Concrete	+
Galvanized sheet	+
Stainless steel	+
Aluminium	+
Raw wood (pine)	+
Expanded polystyrene (EPS)	+
Extruded polystyrene (XPS)	+
OSB board	+

\*Drying time depends on temperature, humidity and absorbcency of substrate.

+ 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 12 months from the manufacturing date when stored in unopened, original package at temperature from +5 °C to +30 °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.