



POLYURETHANES

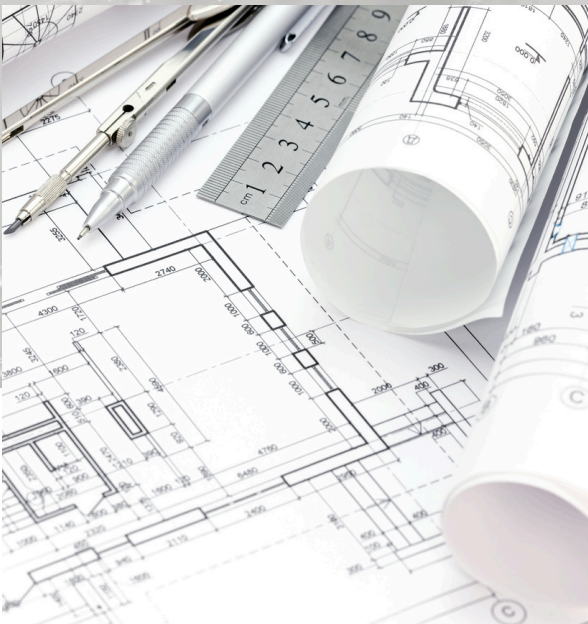
TRANS P

Primer

2024

**The Best
Product**

Single Component
High Performance
Keep Your Buildings Dry



Product Description

Safeguard PU Trans P, is a single component, low viscosity, high mechanical and chemical resistance, which can be penetrated into the depths of the surface, and a surface impregnation and primer material which fills the gaps and the pin holes of the surface to be applied.

Area of Application

- Natural Stones
- Ceramic surfaces
- Metal surfaces,
- Plastered surfaces
- Wood surfaces,
- PVC based surfaces
- Bitumen based surfaces,

Properties

- Suitable for cold application and can be easily applied with a roller, trowel, brush or airless spray gun.
- It has excellent adhesion and can be applied to any surface easily.
- Single component,
- Low viscosity,
- Strongly adheres to glassy and non-porous substrates,
- Non-staining,
- Perfectly absorbs and impregnates the surface as a whole / uninterrupted and homogeneous surface.
- Does not contain toxic substances after curing.

Consumption

50 - 80g/m² in 1 coat (2 coats if required)

- Consumption may vary according to surface roughness, ambient and surface temperature and application method. Factors like surface porosity, temperature and application method can alter consumption.

Surface Preparation

Application surfaces must be dry and clean. Concrete and plaster residues should be mechanically removed. Oil, grease, fuel and paraffin wastes should be cleaned using suitable chemical solvents.

Damaged and unstable surfaces and cracks should be repaired. The surface must have a compressive strength of at least 25 N/mm² and a pull-off test result of at least 1.5 N/mm². New concrete must be at least 28 days old, concrete surfaces must have a maximum moisture content of 5%. Cement residues and bright cement grout on the concrete surface should be cleaned with tools such as sandblasting, milling, wiping machine, driven grinding and the surface should be roughened. The entire surface should be cleaned of dust with an industrial vacuum cleaner. Concrete surfaces in contact with the soil to be coated must be insulated with water and water vapor barrier materials beforehand.

The relative humidity of the air should be 50-70%. Low temperature/humidity and high temperature/humidity may effect the final finish. Application temperature (environment and surface) should be between 5°C and 35°C.

Substrate should not be exposed to rain, humidity and water 24 hours before the application, during the application and until 24 hours after the application. The applied material should be protected against external factors and mechanical stresses until it is fully cured.

Application

Safeguard PU Trans P is easily applied with a clean cloth.

The product, which is made ready for application, is applied in such a way that the surface is saturated and the pores are closed. Allow a minimum of 30 minutes and maximum 1 hour before application of Trans 10. It should be taken into account that the waiting time may be shortened in hot weather and extended in cold weather.

Mixing must be done by choosing a low-speed mixer and a suitable tip.

It is very important that the 1st coat of Trans 10 is applied within the above-mentioned new coat application time. It reaches full mechanical and chemical resistance (at 23 °C, 55% RH) in 7 days.

Limitations

In closed areas due to long-term solvent odor the environment should be well ventilated.

Apply minimal amount of product as stated in consumption section,

The surface temperature should be >5°C. The mixing of the material should be made with a special mixing device and tip which does not exceed 300- 400 RPM and it should not be mixed with high speed drill.

Shelf Life

• 12 months from production date. If the specified storage conditions are followed in its original unopened packaging.

Packaging

• 2.5kg pail

Colour

• Transparent

Storage Conditions

- It should be protected from water, frost and adverse weather conditions
- Store in a dry and cool environment (between +15°C/ + 25°C)
- Even if opened pails are tightly closed, curing of the product will occur. Products should, therefore, be used as soon as possible after opening.

Safety

- Users should refer to the latest Material Safety Data Sheets, including physical, ecological, toxicological, and other safety-related data for information or advice on the safe transport, storage, disposal of chemical products.

Trans P Primer

PROPERTY	RESULTS	TEST METHOD
Density (Specific weight) gr/cm ³	1,00 ± 0.05	ASTM D 2196 - 86
Application Temperature	5°C to 35°C	Inhouse Lab
Flash Point	>25	ASTM D 93
Viscosity	100 ± 25	EN 1542

Declaration

The information contained herein and in particular the application and end-use recommendations are provided in good faith, based on our current knowledge and experience when properly stored, prepared and applied. The documents does not cover all possible scenarios or imply product suitability for every case of application. Products, application surfaces and application areas are quite diverse in practice. Therefore, when using our products be sure to apply the right product in the right conditions and in the right place and strictly follow the information and instructions given by our company regarding commercial convenience and/or suitability for a particular purpose. Otherwise, Safeguard is not responsible for damages that may occur.

The user of the product (user) must test the suitability of the product for the application and purpose for which it intends to use the product. We reserve the right to change the specifications of our products. Property rights of third parties should be observed. Upon acceptance of all orders our current terms of sale and shipping shall prevail.

Users should always consider the latest edition of the Product Data Sheet (TDS), which can be obtained from our company.



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