

MARITRANS® TILE-PRIMER

TECHNICAL DATA SHEET

Date: 01.06.2017 – Version 17

Adhesion promoter for glass and glazed surfaces

Product description

MARITRANS® TILE-PRIMER is a transparent, one-component adhesion promoter that chemically activates ceramic and glass surfaces providing excellent adhesion to the coating that follows. Solvent based.
Cures by reaction with ground and air moisture.

Advantages

- Simple application.
- Excellent anchoring to “difficult” glass and glazed surfaces.
- UV-stable.
- Quick drying.

Uses

The MARITRANS® TILE-PRIMER is mainly used as an adhesion promoter (primer) for MARITRANS transparent polyurethane coatings on non-absorbent glazed surfaces like:

- Glazed ceramic tiles
- Glass
- Glass bricks, etc.

The MARITRANS® TILE-PRIMER can also be used in combination with other MARIS POLYMERS polyurethane coatings to be applied on glass surfaces.

Consumption

50-80 gr/m² in one or two layers.

This coverage is based on application by roller onto a smooth surface in optimum conditions. Factors like surface porosity, temperature and application method can alter consumption.

Application

Surface Preparation

Careful surface preparation is essential for optimum finish and durability.

The surface needs to be clean and sound, free of any contamination, which may harmfully affect the adhesion. Old coatings, dirt, fats, oils, organic substances and dust need to be removed. Maximum moisture content should not exceed 5%. Any loose surface pieces and grinding dust need to be thoroughly removed. Do not wash surface with water!

Priming (Activation of surface)

For best results, the temperature during application should be between 5°C and 35°C, and relative humidity should be between 50% and 70%. Low temperatures and low humidity retard cure. High humidity may affect the final finish.

Apply the MARITRANS® TILE-PRIMER by soaking a clean and dry cloth, and wipe the entire surface off. Change cloths often. By this application procedure, you ensure that besides the chemical surface activation, the surface is getting also very effectively degreased. Make sure that enough quantity of MARITRANS® TILE-PRIMER is applied on the entire surface without leaving any untreated spots.

After approx. 1-2 hours, apply the MARITRANS® or other MARIS POLYMERS polyurethane coating.

Packaging

MARITRANS® TILE-PRIMER is supplied in 4kg and 1kg pails. Pails should be stored in dry and cool rooms for up to 9 months. Protect the material against moisture, frost and direct sunlight. Storage temperature: 5°-30°C. Products should remain in their original, unopened containers, bearing the manufacturers name, product designation, batch number and application precaution labels.

Safety measures

MARITRANS® FINISH contains Isopropanol. See information supplied by the manufacturer. Please study the Safety Data sheet. **PROFESSIONAL USE ONLY.**

Our technical advice for use, whether verbal, written or in tests, is given in good faith and reflect the current level of knowledge and experience with our products. When using our products, a detailed object-related and qualified inspection is required in each individual case in order to determine whether the product and /or application technology in question meets the specific requirements and purposes. We are liable only for our products being free from faults; correct application of our products therefore falls entirely within your scope of liability and responsibility. We will, of course, provide products of consistent quality within the scope of our General Conditions of Sale and Delivery. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. Values in this technical data sheet are given as examples and may not be regarded as specifications. For product specifications contact our R+D department. The new edition of the technical data sheet supersedes the previous technical information and renders it invalid. It is therefore necessary that you always have to hand the current code of practice.

* All values represent typical values and are not part of the product specification.