



Reno-tile

Technical Specifications
 Date of issue: 05/02/2025
 Version Number: 1st

High-Resistance Polyurethane-Acrylic Water-Borne Paint for Wall Tiles and non-porous glossy Surfaces



RENO-TILE is a high-quality, one-component polyurethane (PU) acrylic water-based paint of hybrid technology, specially designed for direct application without primer on wall tiles and other difficult, non-porous glossy surfaces. It combines 2 products in one-paint and primer all together, offering a flawless matte finish with excellent adhesion and high resistance to moisture, steam, water, temperature changes (hot-cold), mild household cleaners, impacts and scratches. Its advanced formula makes it ideal for application on challenging non-porous surfaces such as wall tiles and mosaics in bathrooms and kitchens, glass blocks, glass, melamine, laminate, PVC, aluminum, galvanized metal and stainless steel. It provides high coverage, anti-mold protection and ease of application by saving time and materials, while offering unlimited color options for decoration and renovation.

Fields of Application

RENO-TILE is applied on difficult surfaces, such as:

- Wall tiles, mosaics and ceramics
- Melamine, laminate and PVC
- Aluminum, galvanized metal and stainless steel
- Glass and other non-porous surfaces
- MDF, wood, metal (bare, varnished, or painted)
- Bathroom and kitchen furniture

Properties-Advantages

- **Resists Moisture and most Cleaning agents:** Resistant to water, steam and mild household cleaners commonly used in bathrooms and kitchens, without peeling or emulsifying
- **Strong Adhesion:** Applied directly on tiles and non-porous surfaces without primer
- **Flawless Levelling:** Ensures easy application without marks, delivering a perfect and smooth finish
- **Mechanical Durability:** Resistant to impacts, scratches and wear, making it ideal for high-traffic areas like bathrooms and kitchens
- **High Coverage:** Covers with a single coat, in most shades, saving time and materials
- **Vapor Permeability:** Allows surfaces to "breathe," contributing to their long-term durability
- **Hydrophobic & Washable:** Creates a hydrophobic surface resistant to daily water exposure and penetration and is highly durable against washing (Class 1).
- **Anti-Mold Protection:** Contains special fungicidal agents that prevent the growth of mold, fungi and bacteria on the film surface
- **Ease of Application:** Applies easily, providing a smooth, uniform matte finish with high aesthetic appeal
- **Thousands of Shades:** Tinted through VERNILAC's COLOR CREATIONS system, offering unlimited color choices.

Physical / Technical Characteristics

Product Type	Special high-durability water-borne paint based on polymer dispersions with selected pigments and additives
Viscosity	115±5 KU (ASTM D 562, 20°C)
Density	1.200 ± 0.02 Kg/L
Coverage	12-14 m ² /L per coat
Dilution	5-10% with clean water
Drying Times @25°C, 50% Relative Humidity	Touch dry in 30-60 minutes
Recoating Time	6 hours
Use of Painted Surfaces	4 days after application
Full Resistance	Complete mechanical properties achieved in 3-4 weeks





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Instructions for Use

a) Surface Preparation

Surfaces to be painted must be clean, dry and free from dust, oils, grease, loose materials, flaking paint, salts, rust and mold or moisture residues. Clean with an alkaline cleaner like green soap or soda and rinse thoroughly with plenty of water. Pay special attention to tile joints, using an appropriate sponge to remove detergent and mold residues. Surfaces with mold growth or black spots, must be neutralized by using VERNILAC's FUNGICIDE CLEANER and rinsed thoroughly. All surfaces must be completely dry before application. Ensure that glossy or non-porous surfaces are free from residues that may affect paint adhesion.

b) Application

Stir RENO-TILE well before use and during application. Apply two coats with brush, roller, spray or airless spray. Allow 6-8 hours between coatings. Painted surfaces can be used after 4 days. Final resistance properties and maximum adhesion are achieved 25-30 days after application, depending on the shade. For darker shades, allow 40 days. During this period, avoid intensive cleaning, scrubbing or impacts on painted surfaces.

Thinning

8-10% with clean water for brush or roller application and 15% for spray application.

Application Conditions

Apply at temperatures between +8°C and +35°C.

Drying-Recoating

Surface dries in 30-60 minutes. Recoat after 6 hours. In low temperatures or high humidity levels, drying times are extended.

Recommendations

- The surface is ready for use 4 days after painting completion
- Avoid surface stresses or intense cleaning during the first 25-30 days post-application, depending on the shade. For darker shades, allow 40 days to develop its final adhesion and durability properties
- Do not use steam cleaners on painted surfaces
- Do not apply on horizontal surfaces or areas with stagnant water

Coverage

12-14m²/L on properly prepared surfaces.

Color shades

Available in white matte and can be tinted in unlimited shades through VERNILAC's COLOR CREATIONS tinting system.

Storage

Factory-sealed packaging can be stored for 12 months in a cool, shaded environment at temperatures between 5°C and 40°C. After use, seal the container tightly and store under appropriate conditions.

Clean up

Clean painting tools immediately after use with water and, if necessary, with soap or detergent solution. Do not discharge wastewater into drains or watercourses.

Waste Management

Do not dispose leftover paint into household waste or sewage system. Empty packaging must be disposed of according to the country's applicable regulations. Consult local authorities for advice and instructions on disposal and waste management.

Volatile organic compounds (VOC)

The EU maximum VOC content limit (Directive 2004/42/EC) for this product [Category A/i "One-component special coatings", Type WB] is 140 g/L (2010). The ready-to-use product contains a maximum of 139 g/L.

Packaging

Matte White	750 ml.
Matte Base D	0,70 lt.
Matte Base TR	0,70 lt.

Safety information

The Material Safety Data Sheet (MSDS) must be read and understood before use. For detailed safety instructions and precautions, refer to the MSDS. The product does not require hazard labeling under current EU and national regulations. However, keeping it out of the reach of children is recommended. In case of ingestion, seek immediate medical advice, showing the container or label. Poison Control Center Tel.: +30 210 77 93 777.



All details, technical data, advice and information provided in this manual are based on laboratory measurements, numerous tests, extensive research, multiple technical applications and years of experience. These specifications should be considered as recommendations since deviations may occur. The company strives to ensure the accuracy of the information provided, but product specifications may change without prior notice and may differ from the presented data. Practical differences in materials, substrates and application conditions may affect the material's suitability for specific uses and conditions. The user is responsible for confirming the material's appropriateness for the desired use and is solely responsible for the results. The company is not liable for normal wear or damage caused by environmental or improper conditions. The disclaimers and limitations apply according to the applicable law. The Technical Support Department of the company is solely responsible for providing technical advice and solutions. Requests to the Technical Support Department must be submitted in writing. Visit our website www.vernilac.gr for the latest version of this Technical Data Sheet, which supersedes all previous versions.