

Hi-Tek Polymers 302T-Poxy Green Moisture Vapor Barrier Primer

PRODUCT DATA

Hi-Tek Polymers 302T-Poxy Green Moisture Vapor Barrier Primer for Damp, green and light weight concrete. It is a two component water base epoxy system.

DESCRIPTION

302T-Poxy Green Moisture Vapor Barrier Primer is a system formulated to seal concrete surfaces thereby eliminating moisture problems due to moisture vapor transmission in the concrete.

BENEFITS

<ul style="list-style-type: none">• Excellent penetration of concrete substrate
<ul style="list-style-type: none">• Excellent adhesion to concrete
<ul style="list-style-type: none">• Low Odor, Low VOC , Water Base, Mixing Ratio of 2 Part of A to 1 part of B
<ul style="list-style-type: none">• Easy to apply- rolled or notched squeegee
<ul style="list-style-type: none">• Sustains high alkalinity to pH of 14 and resists high moisture levels (85% RH).
<ul style="list-style-type: none">• Good for moisture vapor transmission rates up to 10 pounds per 1000 sq. ft. per 24 hours as measured by ASTM F 1869 or up to 85% as measured by ASTM F 2170.

SURFACE PREPARATION

<ul style="list-style-type: none">• The surface shall be prepared mechanically for the Terrazzo installation by shot blasting. Surface should achieve a CSP3-CSP4
<ul style="list-style-type: none">• Concrete slab shall have a 15 mil moisture/vapor barrier, consistent with flexible, preformed sheet membrane materials as found in ASTM E1745. These sheet goods will be placed directly under the concrete slab, on grade.
<ul style="list-style-type: none">• For recently poured concrete: you may apply 302T-Poxy Green Moisture Vapor Barrier Primer as soon as the bleed water evaporates from surface of slab.
<ul style="list-style-type: none">• Do not use or allow curing agents to be used on slab surface.

INSTALLATION INSTRUCTIONS

Hi-Tek Polymers 302T-Poxy Green Moisture Vapor Barrier Primer is a two-component product. Read instructions carefully before beginning in order to properly mix and apply.

The slab that is to be treated, and all of the materials that are used will need to be maintained at temperatures no less than 60°F and no greater than 90°F for 24 hours before, during and after installation. Thoroughly mix Part A to Part B at a 2:1 part ratio with a slow speed mixer for a minimum of 2 to 3 minutes.

Apply 302T-Poxy Green Moisture Vapor Barrier Primer at a rate of a total of 425 sq. ft. per complete unit at 10mls.

Avoid leaving any puddle of 302T-Poxy Green Moisture Vapor Barrier Primer. It is recommended that the material be applied to a damp but not wet concrete substrate.

Do not coat over standing water on the concrete substrate. Allow product to cure overnight.

DO NOT OVER MIX. Apply by roller, or notched squeegee at a rate of 425 sq. ft. per total unit, depending on substrate porosity. Proceed with normal sequence of terrazzo installation after 302T-Poxy Green Moisture Vapor Barrier Primer has been applied.

Coverage will vary depending on the porosity of the concrete and the profile of the surface being coated.

ADDITIONAL CONSIDERATIONS

Do not use in temperatures below 60°F and no greater than 90°F. Do not use where known hydrostatic pressure exist. Where relative humidity exceeds 95% and/or moisture vapor transmission rates exceed 20 lbs. per 1,000 sq. ft. per 24 hours, contact Hi-Tek Polymers, Inc.

SAFETY

Hi-Tek Polymers 302T-Poxy Green Moisture Vapor Barrier Primer System should be installed by approved applicators only. The usual safety precautions when handling chemicals must be observed. Federal, State, and Local health and safety regulations, thorough ventilation of the workplace, good skin care, and wearing protective goggles.

Detailed safety guidelines are found in the Material Safety Data Sheet (MSDS) for Hi-Tek Polymers, Inc.302T-Poxy Green Moisture Vapor Barrier Primer.

WARRANTY INFORMATION

Values stated herein are typical values based on periodic testing and product experience. Hi-Tek Polymers, Inc. DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Hi-Tek Polymers, Inc., warrants for a period of one (1) year that **302T-Poxy Green Moisture Vapor Barrier Primer** will be free of manufacturing defects and will conform to published specification when handled, stored, mixed and applied in accordance with Hi-Tek Polymers, Inc., recommendations. Where customer demonstrates non-conformance of product to typical values stated herein, Hi-Tek Polymers will supply replacement product or, at its option, credit Customer's account for the purchase price of nonconforming product. The liability of Hi-Tek Polymers, Inc. will be limited to replacement or credit of non-conforming **302T-Poxy Green Moisture Vapor Barrier Primer** if such notice of non-conformity is given to Hi-Tek Polymers, Inc. within one (1) year of delivery of materials. Recommendations herein as to the surface preparation, application, maintenance, and other matters involved in storage, handling, or use of product are based on best information reasonably available to Hi-Tek Polymers, Inc.. Because Hi-Tek Polymers, Inc., has no control over such matters, or over substrate or other conditions that may affect ultimate performance, Customer has the obligation to determine suitability of product for the intended purpose, and Hi-Tek Polymers, Inc., SHALL HAVE NO RESPONSIBILITY FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, EXEMPLARY OR PUNITIVE DAMAGES BUT ONLY FOR THE REPLACEMENT OR CREDITING REMEDY ABOVE. Be it known that no one is authorized to make oral warranties on behalf of Hi-Tek Polymers, Inc. In order to obtain replacement or refund, the customer must provide written notice containing full details of the non-conformity. The sale and purchase of product from Hi-Tek Polymers, Inc. are subject in each case to Hi-Tek Polymers, Inc.'s Terms and Conditions of Purchase.