

36% SOLIDS URETHANE-ACRYLIC SEALER

DESCRIPTION:

PERMERAL is a water clear, 36% solids, single-component, water-based urethane-acrylic sealer that adds an extra measure of abrasion resistance to polymer coated floor surfaces.

USES:

PERMERAL provides a high gloss additional finish coating to better resist surface scratching. **PERMERAL** is a low viscosity, easy to apply, low odor sealer that can be used to restore the shine to worn or dull epoxy floor coatings. It can also be used as a low cost dustproofing sealer over clean, prepared concrete.

TYPICAL COVERAGE:

PERMERAL is typically applied in two thin coats between 500-700 square feet per gallon per coat.

ADVANTAGES:

- Waterborne
- Fast drying time
- High coverage rate
- VOC compliant
- Dries to a gloss finish
- Odorless
- Non-yellowing
- Excellent abrasion resistance
- Easy to apply

TYPICAL PROPERTIES:

PHYSICAL PROPERTIES	
Volume mix ratio	Single Component
Viscosity (mixed)	10-20 CPS Typical
Solids Content (%)	36% (ASTM D-2697)
VOC	< 200 g/l (EPA method 24)
Hardness (ASTM D-2240)	n/a
Gel Time	20 minutes @ 75°F
Dry to Touch (recoat with compatible product)	8-10 hours @ 75°F
Through Cure	12-24 hours @ 75°F
Open to light traffic	24+ hours @ 75°F
Shelf Life	6 month in unopened units

PACKAGING:

- 1 Gallon Units
- 5 Gallon Units

PERMERAL

LIMITATIONS & FOR BEST RESULTS:

- Do not thin this product.
- Do not apply when Humidity exceeds 70% indoors.
- Do not allow to puddle during application.
- Allow each coat to dry to 'tack-free' or clear prior to re-coat.
- When re-coating, always apply the next coat within 24 hours of completing the previous coat.
- PERMERAL only has a shelf life of 6 months from manufacturing date.

PRODUCT APPLICATION:

Apply using brush, roller and squeegee or via Hudson sprayer followed by back rolling. ROCK-TRED product test data is based on environmental temperatures of 75°F. Viscosity and working time are always affected by temperatures above or below that mark. When applying product always consider the ambient, surface, and product temperature at the time and place of installation

COLOR AND TEXTURES:

Permeral is only available in Clear and is not suitable to be broadcast with aggregate for texture.

CHEMICAL RESISTANCE:

Always refer to ROCK-TRED's chemical resistant chart for specific information on each product / system or contact ROCK-TRED directly.

PRODUCT STORAGE:

DO NOT allow ROCK-TRED products to freeze. All ROCK-TRED products should be properly stored above the floor on pallets or shelves, and in an area that has a constant minimum temperature of 50°F.

SURFACE PREPARATION: Always apply ROCK-TRED products to a clean / sound substrate that is free of laitance, grease, oils, debris, and curing compounds. Concrete substrates should be cured for a minimum of 28 days prior to application of product [except as otherwise noted on the individual Product Data Sheet]. Whenever possible, remove existing coatings and/or flooring systems completely; if complete removal is not possible always perform tests to determine adhesion and compatibility to the existing substrate. When coating over well bonded epoxy substrates mechanical preparation by means of a rotary sander is the best and recommended preparation method for PERMERAL applications. When applying directly to concrete the substrate must be clean. For best penetration to bare concrete preparation to a CSP-1 profile is recommended. If the substrate is not properly prepared and the appropriate profile is not achieved, failure of the product to adhere to the substrate may occur.

CLEAN UP:

Application tools and equipment can be cleaned with soap and water immediately after use or with solvent once the product has begun to cure.

DISPOSAL:

Product containers will contain product residue and must be disposed of properly. Label warnings must be observed at all times. All containers must be disposed in accordance with federal, state, and local regulations.

IMPORTANT NOTICE:

Always read and acquaint yourself with ROCK-TRED's Product Data Sheet, SDS [safety data sheet], and product labels for each individual product prior to mixing and prior to use. For further assistance, product questions, additional information and/or unexpected or unusual installation conditions – contact your Area Sales Representative or ROCK-TRED directly for recommendations.

WARRANTY:

Information about ROCK-TRED products is given, to the best of our knowledge, based on tests and experience. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you make your own tests to determine suitability of the product for the particular purpose. As products are often applied or used under conditions beyond our control, ROCK-TRED cannot guarantee anything except the quality of its products. ROCK-TRED warrants that the products meet the specifications set forth by ROCK-TRED, but we reserve the right to change any given specification prior to notice. ROCK-TRED DISCLAIMS ALL WARRANTIES RELATING TO THE PRODUCTS AND THEIR APPLICATION, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Receipt of a ROCK-TRED product constitutes acceptance of the terms of this limited warranty and the terms and conditions set out in our invoice, contrary provisions of buyer's purchase documents notwithstanding. Upon receipt of the merchandise, purchaser has 30 days to notify ROCK-TRED, in writing, that materials are defective. In the event ROCK-TRED finds that the product delivered is off specification, ROCK-TRED will, at its sole discretion, either replace the product(s) or refund the purchase price thereof, and ROCK-TRED's choice of one of these remedies is the buyer's sole remedy. In no event shall the liability of ROCK-TRED exceed the purchase price of shipped merchandise. Claims must be in writing. Claims after 30 days are void. ROCK-TRED will, under no circumstances, be liable for special, incidental, or consequential damages. This warranty supersedes all other guaranties, whether oral or written, and whether expressed, implied, or statutory. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Certain products may contain chemicals that may cause serious physical injury. Before using, please read the Safety Data Sheet and follow all precautions to prevent bodily harm.