

**WATERBORNE ALIPHATIC POLYASPARTIC POLYURETHANE HIGH PERFORMANCE FINISH COAT**

**DESCRIPTION:**

**CHEM-THANE WBP GLOSS** is a zero VOC, water clear, two-component, waterborne aliphatic polyaspartic polyurethane. This unique non-yellowing coating produces an exceptionally hard finish with high level abrasion and very good stain resistance. **CHEM-THANE WBP GLOSS** remains non-chalking, has superior UV resistance, provides excellent long-lasting protection from many chemicals and offers superior wear through durability while producing no strong odors during application or curing.

**USES:**

**CHEM-THANE WBP GLOSS** is an ideal protective finish coat for ROCK-TRED's standard and decorative floor and wall systems. Its excellent durability and abrasion resistance makes **CHEM-THANE WBP GLOSS** a perfect finish coat across industries such as pharmaceutical, healthcare, warehousing and manufacturing. This waterborne product is easy to apply, environmentally safe and meets all USDA/FDA guidelines for installation in federally inspected facilities.

**TYPICAL COVERAGE:**

**CHEM-THANE WBP GLOSS** is typically applied between 5-6 mils WFT unreduced or at approximately 4 mils WFT when fully reduced with 15% potable water.

**ADVANTAGES:**

- Superior UV resistance
- High coverage rate
- Excellent scratch / abrasion resistance
- Easy application as floor or wall coating
- Exceptional adhesion
- High light reflectivity
- VOC compliant with virtually no odor
- May be thinned up to 15% with potable water

**TYPICAL PROPERTIES:**

PHYSICAL PROPERTIES – GLOSS, CLEAR	
Volume mix ratio	Mix entire batches and do not split kits
Viscosity (mixed)	800 - 850 CPS Typical
Solids Content (%)	61% (ASTM D-2697)
Pencil Hardness	2H
VOC	Compliant with all US Regulations
Application Temps.	60° – 85° F
Gel time	35 minutes @ 75° F
Dry to Touch (recoat with compatible products)	1-3 hours (min.) @ 75° F
Through Cure	3-6 hours @ 75° F
Open for light traffic/use	24 hours (min.) @ 75° F
Shelf Life	6 months in unopened containers

**PACKAGING:**

- 1 Gallon Units
- 4 Gallon Units as Special Order Only

# RT SERIES 511 CHEM-THANE WBP GLOSS

## LIMITATIONS & FOR BEST RESULTS:

- Do not apply when Humidity exceeds 70% or when the substrate temperature is 5°F above dew point and falling.
- Allow each coat to dry to completely prior to re-coat.
- If applying a 2nd coat, the first coat of **CHEM-THANE WBP GLOSS** should be lightly sanded to promote inter-coat adhesion and the 2nd coat must be applied within 24 hours of completing the previous coat.
- May be applied directly to dry, prepared concrete, but an appropriate ROCK-TRED primer or base system is recommended.
- Do not apply this product heavier / thicker than the recommended spread rate / mil thickness or foaming or discoloration may occur.
- Do not split kits - full unit mixing is very critical to product performance.
- Do not entrain air when mixing or applying.
- Thinning with 10 - 15% potable water is recommended when applying horizontally.

## PRODUCT APPLICATION:

Apply via dip and roll using a 1/4" - 5/16" nap microfiber roller. Vertical applications may be made via airless sprayer and back rolling (contact ROCK-TRED for more information on spray applications). ROCK-TRED product test data is based on temperatures of 75°F. Viscosity and working time are affected by temperatures – always consider the ambient, surface, and product temperature at the time and place of installation.

## COLOR AND TEXTURES:

**CHEM-THANE WBP GLOSS** is manufactured and stocked in clear. Field tinting with ROCK-TRED Universal Colorants is not recommended, but factory tinting in limited light colors is possible. RT Colors C03, C13 and C18 require 24 hours lead time, but no minimum order. RT Colors C06, C14, C15 and C16 require a 30 gallon minimum order quantity and up to 1 week lead time required. Most ROCK-TRED products are available in a wide range of textures using an appropriate broadcast aggregate, but aggregate larger than 240 mesh may not remain in **CHEM-THANE WBP GLOSS** under use. For best results apply texture to coats beneath the final coat of **CHEM-THANE WBP GLOSS**.

## 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. Make certain that concrete is properly dried and prepared before applying ROCK-TRED materials. Concrete substrates should be treated with ICP's Arizona Polymer Flooring System's Vapor Solve System when moisture testing per ASTM F2170 shows results over 80% RH. Whenever possible, remove existing coatings and/or flooring systems completely; if complete removal is not possible test to determine adhesion to the existing material. Mechanical preparation by means of shot-blasting or diamond grinding to ICRI CSP 2/3/5 is the recommended preparation method (see ICRI Guideline No. 03732 for more information). 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.

## CHEMICAL RESISTANCE:

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

## 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 Technical 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 local representative or ROCK-TRED directly for recommendations. Kit components are pre-measured for optimal performance. Catalyzation errors due to incorrect mixing in the field voids product warranty.

## 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 circumstance, be liable for special, incidental, or consequential damages. This warranty supersedes all other guarantees, 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.