

A 100% Solids Epoxy Floor Coating System

DESCRIPTION:

The CHEM-ROCK Seal/Coat Flooring System is a high build, standard duty floor coating system that features one or more clear or pigmented 100% solids epoxy topcoat(s) installed over an epoxy primer. The system's thickness and durability can be increased by adding subsequent topcoats of CHEM-ROCK over the initial top coat. The finished system will provide a USDA/FDA accepted, fully sealed, high gloss, easy to clean floor surface with moderate chemical, UV and abrasion resistance.

RECOMMENDED USES:

The CHEM-ROCK Seal/Coat System is specified for use as a high performance flooring system in areas subjected to foot and fork truck traffic and light duty manufacturing environments where a sealed surface is required, but heavy impact and extreme top down wear is not expected.

SYSTEM FEATURES:

- 100% solids and VOC Compliant
- Range of Texture Options – from smooth finishes to extremely aggressive finishes
- USDA / FDA Accepted
- Good Chemical Resistance
- Good Abrasion Resistance
- Excellent Inter-coat Cohesion
- 18 Solid Colors plus "Clear"
- Easy to Clean and Maintain
- Gloss Finish is Standard
- Easy Mixing Ratios and Application Steps

BASIC SYSTEM INSTALLATION STEPS:

1. Prepare substrate according to ROCK-TRED's Surface Preparation Guide. A minimum surface profile of CSP-2 is recommended.
2. Perform any necessary substrate patching using approved ROCK-TRED material such as ROCK-MENDER, CRACK N PATCH, POXI-ROCK FLOORING MORTAR or RQP.



3. Apply appropriate primer for job site conditions. Recommended ROCK-TRED primers for this system include CHEM-ROCK WB, ROCK-PRIME DP, POXI-ROCK Primer, ROCK-BLOCK Moisture Vapor Barrier or CHEM-ROCK Primer. Install at manufacturer's recommended coverage rates.
4. After primer is sufficiently cured, apply top coat from the CHEM-ROCK line (LV, MV or HV) at a coverage rate typically between 100-150 square feet per gallon. Coverage will vary depending upon substrate conditions and which CHEM-ROCK product is specified for use. Multiple topcoats of any CHEM-ROCK product can be used to build system thickness and durability.
5. If a texture is desired other than smooth immediately broadcast and back-roll any ROCK-TRED approved media into the wet CHEM-ROCK using the correct size media to produce the appropriate texture.
6. *OPTIONAL:* If a higher level of abrasion resistance is required we recommend applying a sealer from our CHEM-THANE line. Applying a urethane or polyaspartic finish coat will increase the CHEM-ROCK SEAL/COAT System's ability to resist scratching and other top-down types of wear OR if a Satin/Matte finish is desired.

CHEM-ROCK SEAL COAT SYSTEM DATA SHEET

SYSTEM COMPONENT PRODUCTS:

- Primer: ROCK-PRIME DP, CHEM-ROCK WB, CHEM-ROCK PRIMER, ROCK-BLOCK or POXI-ROCK PRIMER
- CHEM-ROCK LV, MV or HV for top coats.
- ROCK-TRED aggregate or broadcast media in correct mesh size to produce desired finish texture.
- ROCK-TRED Universal Colorant.

OPTIONAL SYSTEM COMPONENT PRODUCTS:

- Apply additional finish coat from the CHEM-THANE Series for added abrasion or chemical resistance, or if a Satin or Matte finish is desired
- Pre-patching to non-moving joints, cracks, spalls or eroded areas of concrete can be completed using ROCK-TRED's Poxi-Rock Flooring Mortar, Crack N Patch Kits or RQP rapid set patching compound.
- If the concrete substrate is less than 5 years old, or there is evidence of minor movement along the control joints, control joints through the CHEM-ROCK SEAL/COAT System should be installed. After cutting, the joints can be filled with ROCK-TRED's ELASTI-POXI JOINT FILL for color matched permanently flexible sealed joints.

FOR BEST RESULTS:

- Recommended for Interior Use Only.
- New Concrete must cure for at least 28 days @ 70°F and have an effective moisture vapor barrier in place.
- DO NOT thin the polymer products.
- DO NOT apply when humidity exceeds 70% indoors.
- DO NOT allow material to puddle during application.
- Allow each coat to dry tack-free or clear before recoating. Remove all surface oil and/or grease
- When applying this system in light solid colors both the primer and the finish coat should be pigmented to achieve

optimum hide. Select a primer that can be pigmented from ROCK-TRED's line.

- Mix full kits of resin/hardener only. Kit components are pre-measured for optimal performance. Catalyzation errors due to mis-mixing in the field voids product warranty.
- Apply each coat within 24 hours of previous coat.
- DO NOT apply to structurally unsound surfaces.

SURFACE PREPARATION:

The substrate must be clean, dry and sound with new concrete cured for at least 28 days at 70°F (21°C). Remove dust, laitance, grease, curing compounds, waxes, foreign particles, disintegrated or soft base materials, and any previously applied potentially incompatible coatings. Create a minimum CSP-2 surface profile on the substrate by either steel shot blasting or diamond grinding. For additional floor preparation information refer to ROCK-TRED'S Surface Preparation Guide.

Review ROCK-TRED'S Safety Data Sheets (SDS), labels and individual technical data sheets for the component products prior to mixing and applying.

ADDITIONAL REFERENCE MATERIAL:

CHEM-ROCK Seal/Coat System AIA Specification
Component Tech Data Sheets
Component Material Safety Data Sheets
ROCK-TRED's Surface Preparation Guide
ROCK-TRED's Floor Maintenance Instructions

MAINTENANCE:

For optimal floor appearance and performance following installation, refer to ROCK-TRED's Floor Maintenance Instructions.

CUSTOMER NOTE:

For information on application situations not covered above, contact your local ROCK-TRED representative or the corporate office at 888-ROCK-TRED.

WARRANTY STATEMENT:

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 will make your own tests to determine the suitability of the product for your particular purpose. As products are often applied or used under conditions beyond our control, ROCK-TRED cannot guarantee anything but the quality of its products. ROCK-TRED warrants that its products meet the specifications set forth by ROCK-TRED, but we reserve the right to change any given specification without prior 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 ROCK-TRED products constitutes acceptance of the terms of this limited warranty and the terms and the conditions set out in our invoice, contrary provisions of buyer's purchase documents not withstanding. Upon receipt of 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 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 supercedes 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 which may cause serious physical injury. Before using, please read the Material Safety Data Sheet and follow all precautions to prevent bodily harm.
