

CHEM-ROCK SL System

System Thickness: 1/8"

A 100% Solids Epoxy Self Leveling Aggregate Filled Solid Color Flooring System

DESCRIPTION:

The CHEM-ROCK SL Self Leveling System (formerly named ROCK-TRED SL) is a 1/8" thick, 100% solids epoxy and suspended aggregate flooring system that can be installed in as few as one application step. The resulting solid color monolithic floor is extremely durable, impact resistant and has a very high compressive strength.

RECOMMENDED USES:

The CHEM-ROCK SL System is specified for use as a high performance self-leveling flooring system in areas that require a very even self-leveling finish and may be subjected to medium to heavy traffic, heavy point and rolling loads and exposure to moderate chemical spillage.

FEATURES:

- 100% solids
- Self-Priming (see below for details)
- VOC/HAPS compliant to all US Regulations
- Smooth, high gloss finish is standard
- High compressive strength
- Fast installation time and return to service
- Good chemical, UV and abrasion resistance
- Easy mixing ratios – sold in ready to use kits
- Wide variety of textures from smooth to anti-slip when optional finish coats are installed
- CHEM-ROCK SL Epoxy liquids are BagPak units shipped in a single 6 gallon pail. No measuring needed. Entire kit may be mixed in shipping container.
- 18 Standard Solid Colors

PACKAGING AND THEORETICAL COVERAGE:

CHEM-ROCK SL is sold in complete kit units. Each kit contains premeasured amounts of resin and hardener, ROCK-TRED Colorant and PCA 360 CHEM-ROCK SL flour. When applied at 1/8" over a uniformly profiled and even concrete substrate one kit of CHEM-ROCK SL will cover approximately 80 square feet. Substrate conditions will affect actual coverage rates.



BASIC SYSTEM INSTALLATION STEPS:

1. Prepare substrate according to ROCK-TRED's Surface Preparation Guide. A minimum surface profile of CSP-3 is recommended.
2. Perform any necessary substrate patching using approved ROCK-TRED materials.
3. Mix CHEM-ROCK SL Epoxy resin and colorant pack on low speed with a spiral mixing blade for 2 minutes. Add CHEM-ROCK SL Epoxy hardener and mix for an additional 2 minutes. Slowly add in CHEM-ROCK SL PCA360 aggregate and continue mixing until aggregate flour is fully blended with polymer. Use pre-portioned kits as manufactured by ROCK-TRED to ensure proper ratios of resin, hardener, colorant and aggregate.
4. Immediately pour CHEM-ROCK SL mixture onto substrate and install at proper thickness using a gauge rake set at 1/8".
5. Wait for approximately 5-10 minutes after CHEM-ROCK SL has self-leveled and gauge rake tool marks have disappeared. Then, back roll with a porcupine roller to release any trapped air bubbles.

CHEM-ROCK SL SYSTEM

OPTIONAL SYSTEM COMPONENT PRODUCTS:

- Additional finish coats can be installed to change the final appearance, functionality and texture of the system. Recommended optional topcoats include:
 - CHEM-ROCK LV-UV, HV, MV or LV for increased UV stability, or to hold broadcast aggregates to increase the system's coefficient of friction
 - CHEM-THANE Series for added UV and abrasion resistance or if a lower sheen finish is desired
 - NOVO-POXI if increased chemical or heat resistance is required
- 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, Rock-Mender 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, new control joints through the CHEM-ROCK SL 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.
- DO NOT thin the polymer products.
- DO NOT use when humidity exceeds 70% indoors. If necessary, use large fans to create air circulation.
- Apply when substrate and air temperatures are between 60°F – 85°F
- DO NOT allow material to puddle during application.
- Apply any optional finish coats within 24 hours of previous coat.
- Do not allow resinous materials to freeze.
- DO NOT apply to structurally unsound substrates.
- DO NOT mix partial kits.
- If slab porosity is suspected install a ROCK-TRED approved primer coat prior to installing the CHEM-ROCK SL system.

SURFACE PREPARATION:

The substrate must be clean, dry and sound. New concrete should be cured for at least 28 days @ 70°F and have an effective moisture vapor barrier in place. If the concrete is too new, and/or when moisture testing per ASTM F2170 shows results over 80% RH, the substrate should be treated with ICP's Arizona Polymer Flooring System's Vapor Solve System per specifications. Remove dust, laitance, grease, curing compounds, waxes, foreign particles, disintegrated or soft base materials and any previously applied potentially incompatible coatings. Create a surface profile on the substrate by either steel shot blasting or diamond grinding to a minimum CSP-2 profile. For additional floor preparation information refer to ROCK-TRED'S Surface Preparation Guide.

ADDITIONAL REFERENCE MATERIAL:

CHEM-ROCK SL System AIA Specification
Component 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 1-888-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 notwithstanding. 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 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 which may cause serious physical injury. Before using, please read the Material Safety Data Sheet and follow all precautions to prevent bodily harm.