

Single Broadcast Flooring System for One Day Installation

DESCRIPTION:

The FAST-FLOOR EP is a single broadcast flooring system that combines fast set epoxy resins, standard solid colors and/or decorative broadcast elements and our high quality polyaspartic coatings to produce a durable and impact resistant floor finish that can be installed in one day. Not only can you reduce time spent on the jobsite, but you can do so with confidence knowing that our polyaspartic lineup is unmatched in gloss retention as well as abrasion and UV resistance!

RECOMMENDED USES:

The FAST-FLOOR EP System is specified for use as a high performance flooring system in areas that are subjected to light to medium duty traffic and require fast return to service. It is intended as a high wear system for use in commercial, institutional, industrial or residential spaces where a durable, seamless, impact resistant, low maintenance, decorative or solid color floor finish is desired. Typical applications include light industrial and manufacturing areas, retail stores, showrooms, schools, residential garages/basements/rec rooms, dining and bar areas of restaurants, etc.

SYSTEM FEATURES:

- Quick installation and *FAST* return to service
- Polyaspartic finish coats, decorative Granite-Rock and Rock-Tred Flake broadcast media are highly UV resistant allowing this system to be placed indoors or outdoors
- Low odor and VOC compliant
- Very good impact, chemical and abrasion resistance
- Easy to Clean and Maintain
- USDA / FDA accepted for use in food retail locations
- Uniform anti-slip texture is standard when using full quartz or Granite-Rock for the broadcast media
- 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 acceptable in some cases, but a CSP-3 is strongly recommended for most applications.
2. Perform any necessary substrate patching using approved ROCK-TRED materials.



3. Apply self-priming broadcast coat of CHEM-ROCK LT-45 pigmented in a solid color to compliment the decorative broadcast media, or to match the solid color finish coat. Coverage rate is dependent upon the substrate, but typically should be 135-150 sq. ft. per gallon. If this system is being applied outdoors substituting either CHEM-THANE P-50 or P-100 is recommended for the best UV resistance for the system. If applying the CHEM-THANE P-100 directly to prepared concrete following recommendations for proper reducing using P-100 Reducer.
4. Immediately after the initial coating has been placed broadcast the selected media to rejection and wait for cure. Broadcast media can be natural quartz such as PCA322 or PCA323 when installing this system in a solid color. When installing the decorative versions of the system PCA321 Granite-Rock, PCA370 Marble Blend Flake or PCA327 Rock-Tred Flake may be used. If using any variety of Rock-Tred Flake the Flake can be razor scraped after cure to reduce the high points. Remove all excess broadcast media by sweeping after cure.
5. After sweeping, apply a locking finish coat of CHEM-THANE P-50 or P-100. The P-50/P-100 coating should be pigmented for the solid color version of this system and left clear for the decorative versions. Coverage rate of the CHEM-THANE P-50/P-100 will be approximately 80 sq. ft. per gallon when applied over natural or colored quartz and approximately 90-100 sq. ft. per gallon when applied over scraped Rock-Tred Flakes.
6. If additional texture is required the finish coat of CHEM-THANE P-50/P-100 can be seeded with an appropriate size of aluminum oxide and then back rolled to finish.

FAST-FLOOR EP SYSTEM DATA SHEET

SYSTEM COMPONENT PRODUCTS:

- Primer/Broadcast Coat: CHEM-ROCK LT-45 pigmented in a solid color. Substitute CHEM-THANE P-50/P-100 in a solid color for better UV resistance in outdoor applications.
- Natural quartz such as PCA322 or PCA323 for solid color system. Decorative PCA321 Granite-Rock for colored quartz variant of the system. Decorative PCA370 or PCA327 Rock-Tred Flakes for decorative flake variant of the system.
 - ROCK-TRED quartz consumption – when estimating the amount of natural or colored quartz required for this system take the total square footage and divide by 2 to find the total number of pounds required. Round up to the nearest 50 pounds. Re-using reclaimed quartz is not recommended.
 - ROCK-TRED Flake consumption – when estimating flake consumption take the total square footage (including cove base) and multiply by .20 for Large and Small Flake or by .15 for Medium and Hybrid Flake to determine the number of pounds of flake needed per broadcast. ROCK-TRED Flakes are sold only in 50 pound boxes so round up to the nearest 50 pounds when ordering. Re-using reclaimed flake is not recommended.
- CHEM-THANE P-50 or P-100 for locking topcoat.
- ROCK-TRED Universal Colorant.

OPTIONAL SYSTEM COMPONENT PRODUCTS:

- If need is indicated through proper ASTM testing, or as a precaution, ICP's Arizona Polymer Flooring's VaporSolve System can be applied directly to the concrete prior to the primer coat to mitigate moisture vapor transmission.
- 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, control joints through the FAST-FLOOR EP System should be installed. After cutting, the joints can be filled with ROCK-TRED's ELASTI-POXI JOINT FILL permanently flexible sealed joints.

FOR BEST RESULTS:

- This system can be used indoor/outdoor with the CHEM-ROCK LT-45 basecoat, but it is best to substitute CHEM-THANE P-50/P-100 for the CHEM-ROCK LT-45 basecoat when applying any of the decorative variations outdoors.

- Components of this system are fast curing products. Familiarize yourself with the product Tech Data Sheets, any product specific Best Practice Bulletins and plan your workflow and staffing to account for the rapid cure times.
- DO NOT thin the polymer products except as indicated on the Tech Data Sheets.
- 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.
- Apply each coat within 24 hours of previous coat.
- DO NOT apply to structurally unsound surfaces.
- Remove all surface oil and/or grease
- Mix full kits of resin/hardener only unless otherwise indicated in the Tech Data Sheets. Kit components are pre-measured for optimal performance. Catalyzation errors due to mis-mixing in the field voids product warranty.

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.

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:

FAST-FLOOR EP 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 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.