

PI.037 - QUICK NOTES: Using CHEM-STONE™ Reactive Stain

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The following guide is designed to assist the experienced installer with the application of CHEM-STONE™ Reactive Stain.

Before the application of CHEM-STONE™ Reactive Stain, please read and understand the Product Information Sheets, Technical Data Sheets and Material Safety Data Sheets pertaining to all of the products to be used. Improper preparation, application or understanding of other important variables may result in job failure and/or personal injury.

Description	A permanent reactive stain for coloring polymer modified concrete overlays and conventional concrete surfaces.
Designed for	<ul style="list-style-type: none"> • Antiquing and coloring concrete overlays and conventional concrete surfaces. • Interior or exterior use. • For use over colored and/or white overlays and conventional concrete.
Preparation	<ol style="list-style-type: none"> 1. Ensure the polymer concrete overlay or conventional concrete is thoroughly dry. 2. Ensure CLEAN-PRINT™ Liquid Release Agent (if used) is thoroughly dry and evaporated. 3. Ensure any previous sealers, paints, coatings, etc. are removed from conventional concrete.
Application	<ul style="list-style-type: none"> • Apply using a brush, roller or sprayer. • Apply full strength on conventional concrete. • Apply full strength or dilute 1:1 on polymer concrete overlay. • Once the CHEM-STONE™ Reactive Stain has dried apply sealer. See TD.414 for sealer options. • When applying two component (non breathable) coatings such as E100-PT Series epoxies, wait 12 to 24 hours depending on substrate moisture content before sealing. Test for moisture first. • Note: A quick and easy test for determining whether the surface is dry enough to accept single component sealer is to apply blue masking tape to suspect and various areas on the surface. If the blue masking tape properly adheres, the surface is ready to seal with single component sealer. • Produce a test sample before use on actual installations.
Advantages	<ul style="list-style-type: none"> • Available in 8 unique base colors. • Ideal for obtaining definitive translucent not achievable by other color methods or staining products.
Disadvantages	<ul style="list-style-type: none"> • Corrosive. Be careful when using. • Reduction may cause inconsistency in finished color results, color removal and failure. • Produce test sample first.
Packaging	CHEM-STONE™ Reactive Stain: <ul style="list-style-type: none"> • 1 gallon bottles or 5 gallon pails.
Cost	<ul style="list-style-type: none"> • \$0.12 to \$0.17 per sq. ft.
Additional Documents	<ul style="list-style-type: none"> • PI.145 - Product Information – CHEM-STONE™ Reactive Stain • MSDS.450 to 457 – CHEM-STONE™ Reactive Stain • TD.417 Technical Data – Stain & Coloring Options