

PI.048 - QUICK NOTES: Using HYDRA-STONE™ Dye Stain

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

Before the application of HYDRA-STONE™ Dye 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 dye stain for coloring interior polymer modified concrete overlays and interior conventional concrete surfaces.
Designed for	<ul style="list-style-type: none"> • Antiquing and coloring interior concrete overlays and interior conventional concrete surfaces. • Interior use. • For use over colored and/or white overlays.
Preparation	<ol style="list-style-type: none"> 1. Ensure the substrate to be stained is thoroughly dry. 2. If used, ensure CLEAN-PRINT™ Liquid Release Agent is thoroughly dry and evaporated.
Application	<ul style="list-style-type: none"> • Apply using a brush, roller, sprayer or HYDRA-STONE™ Detailing Pen. • Use either full strength or diluted with HYDRA-STONE™ Reducer. DO NOT USE ACETONE OR ALCOHOL TO DILUTE. • Once the HYDRA-STONE™ Dye Stain has dried 1 to 2 hours apply single component sealer. See TD.414 - Technical Data - Sealer Options for more information. • When applying two component (non breathable) coatings such as E100-PT™ Series Epoxies, wait 8 to 12 hours depending on substrate moisture content before sealing. • Note: A quick and easy test for determining whether the surface is dry enough to seal is 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. • Occasionally, a metallic film is produced depending on the substrate and concentration. If this occurs, lightly wash the residue with water before sealing.
Advantages	<ul style="list-style-type: none"> • Available in 20 unique base colors, each dilute able to achieve even more colors using HYDRA-STONE™ Reducer. Note: When reducing HYDRA-STONE™ Dye stain, colors may not simply lighten but they may change hues as well. Produce a test sample before use on actual installations. • Ideal for obtaining definitive translucent not achievable by other color methods or staining products. • Pre-colored offers contractors consistent coloring effects each and every time.
Disadvantages	<ul style="list-style-type: none"> • Flammable solution requires proper ventilation. • Reduction may cause inconsistency in finished color results. Produce test sample first. • UV fade resistance will be decreased with reduction or prolonged exposure to sunlight. • See TD.430 Technical Data – HYDRA-STONE™ Dye Stain for UV testing results. • HYDRA-STONE™ Dye Stain is not a complete replacement of CHEM-STONE™ Reactive Stain or ULTRA-STONE™ Antiquing Stain.
Packaging	HYDRA-STONE™ Dye Stain: - Liquid <ul style="list-style-type: none"> • 1 quart bottles • 1 gallon bottles • 5 gallon pails - Powder Packs <ul style="list-style-type: none"> • Pint containers (colors 1 gallon of HYDRA-STONE™ Reducer)
Cost	<ul style="list-style-type: none"> • \$0.12 to \$0.22 per sq. ft.
Additional Documents	<ul style="list-style-type: none"> • PI.148 - Product Information – HYDRA-STONE™ Dye Stain • MSDS.420 – HYDRA-STONE™ Dye Stain • TD.430 Technical Data – HYDRA-STONE™ Dye Stain • TD.417 Technical Data – Stain & Coloring Options