

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

Revised: 3/16/2023 Version: 1.3

The following guide is designed to assist the experienced trained and certified 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 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 polymer modified cementitious overlays, polished concrete or conventional concrete floors.
Designed for	<ul style="list-style-type: none"> Coloring interior polymer modified cementitious overlays, interior conventional concrete surfaces & polished concrete floors. Interior use only away from direct sunlight.
Preparation	1. Ensure the substrate to be dye stained is clean.
Application	<ul style="list-style-type: none"> If using multiple containers of the same color it is recommended to “box” or mix the containers together to ensure the same color hue. Apply using a brush or sprayer. Use either full strength or diluted with HYDRA-STONE™ Reducer. Once the HYDRA-STONE™ Dye Stain has dried apply protective sealer. See TD.414 - Technical Data - Sealer Options for more information. When applying two component (non-breathable) coatings, wait 8 to 12 hours depending on substrate moisture content before sealing. Occasionally, a metallic film is produced depending on the substrate and concentration. If this occurs, lightly wash the residue with household detergent and warm water before sealing.
Advantages	<ul style="list-style-type: none"> Available in 20 unique base colors, each dilute-able to achieve 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 – 4 bottles per case 1 gallon bottles – 4 bottles per case 5 gallon pails – 36 pails per pallet
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 SDS.420 – HYDRA-STONE™ Dye Stain TD.430 Technical Data – HYDRA-STONE™ Dye Stain TD.417 Technical Data – Stain & Coloring Options