

CONCRETECH

Water Based Dye

PRODUCT DESCRIPTION

Concretech Water Base Dye(s) are transparent colors formulated for indoor use on concrete surfaces and provide tones not traditionally available using Patina Stain(s). Water Base Dye will not hide surface character, defects or discoloration. Typically the results will be similar to that of Patina Stain(s) but are easier to use and provide a far greater range of color. Depth of penetration and durability are related to the strength of the concrete surface being colored, the porosity of the surface and the surface seal system used.

USES

For use on all interior structurally sound concrete surfaces where the natural appearance of concrete is desired with a shift in color tones. Applicators should perfect their technique(s) before starting installation. Mixing colors or layering the same colors create a different visual appearance. Discernment of these combinations and layers will become apparent as contractors become more familiar with the use, blending, layering and application techniques and methods. Water Base Dyes are desirable for use with stains to shift the finish color and tones or blending problem acid stain areas.

LIMITATIONS

Use at temperatures above 40°F (5°C) and below 95°F (35°C). Do not use over particleboard or gypsum based substrates. Prevent rapid air movement, rapid temperature changes or direct sunlight while applying. Avoid walking on the surface until dry and protect from contaminants until finish sealer applied. Water Base Dye must be finished with a high quality sealer for protection from abrasion and UV. Do not acid stain over previously dyed surface. Acid Stain may be used prior to using dye to create a naturally variegated surface.

INSTALLATION INSTRUCTIONS

Substrate shall be structurally sound, stable, clean, free of dust, dirt, oil, grease, paint, wax, sealers, curing compounds, laitance and drywall dust. Some surfaces may require sanding to achieve the desired finish. Water Base Dye may be diluted with plain water to provide lighter shades and tones of color and may be applied in multiple coats to achieve depth and range of color. Excess dye must be removed from the surface prior to sealing to provide maximum sealer bond to substrate. Contractors shall install an on site mock up of finished product using mixtures,

dilutions and techniques for approval by owners representative prior to installation. This mock up shall test sealer compatibility prior to installation. Keep all mixing equipment clean, mask all areas surrounding application area and prevent spillage or drips that may be very difficult to remove. Finishing: All finish concrete surfaces shall have a sealer or water repellent coating applied to protect the finish from moisture and excess abrasion. Water Base Dye may be used with acid stain. Urethane or epoxy finishes are desirable for use with dye(s).

STORAGE

Store in cool, dry area out of direct sunlight. Shelf life under normal conditions is one year. Wear proper protective clothing. Keep away from children.

PROPERTIES

Concretech Water Base Dye is available in four primary colors and can be mixed to achieve hundreds of colors. Water Based Dye is packaged in one gallon and five-gallon containers and for shipping purposes are not hazardous materials.

Square Footage is 400 SqFt. / Gal. (Depending on usage.)

TECHNICAL SERVICES

Complete technical information is available from Concretech Inc. and its authorized applicators and distributors. In house laboratory testing is available for specialty applications. Technical services available in North America call toll free 1.888.503.6780

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