

Aquacolor

water based stains for concrete surfaces



DESCRIPTION

Aquacolor is a concentrated, waterborne pigment dispersion formulated to integrally color or stain decorative concrete overlays, micro-toppings, skim coats, or regular concrete surfaces. It is formulated as a dual-use product—Integral Colorant and an alternative to reactive stains (acid stains). Aquacolor can be applied using a garden pump-up or high volume low pressure (HVLP) sprayer.

Aquacolor can be used as a primary integral colorant for polymer-modified concrete overlays (ex Skraffino) or as a topical stain over any concrete surfaces. For a superior coloration system over interior or exterior decorative concrete toppings, Aquacolor can be used to create a range of effects from soft and subtle color wash to more brilliant hues, depending upon application technique(s), color mixing, and loading levels.

ADVANTAGES

- UV Resistant, suitable for interior and exterior surfaces
- Versatile – use it as an integral color or water-based stain
- Perfect for shifting colors and adding accents
- Adds color and depth to the concrete surfaces
- Easy to use spray application
- No acids to harmful chemicals
- Cement substitutes will not affect the color outcome, unlike reactive stains (acid stains)
- Saves time when used as a stain—no rinsing, no mopping, no neutralizing and no residue
- Eco-Stain—environmentally friendly...Zero VOC

APPLICATION

INTEGRAL COLOR MIXING

When using Aquacolor, shake well and always disperse the pigments in acrylic polymer additive (Cp1000) before adding cementitious powder. Squirt the desired amount into a small measuring cup to ensure consistent results.

COLOR-WASH STAIN MIXING

Depending upon the desired color level, dilute and mix with water before spraying. Add as much as 3.8 liters of water per .237ml bottle for color wash, or dilute with less water for more intense hues. For optimum results and better color adhesion, blend in 10% acrylic polymer (Cp1000) when mixing stain.

Coverage is +/-23m² when used as a color-wash stain and blended with one gallon of water. When a variegated colored surface is desired, apply Aquacolor randomly using selected colors and always apply the last wash color consistently to pull the two colors together, thus creating a natural colored finish where base-coat color peeks through.

Complete on-site mock-ups before staining or integrally coloring. Color may vary considerably due to temperature, concrete age, and surface profile. Substrate or surface must be clean and free of contaminants, such as curing compounds, sealers, paint, oil grease, etc., that may compromise results. Installers should apply the product using HPLV or Pump Up sprayer. When the previous coat is dry to the touch, installers may use additional coats of Aquacolor to achieve highlights and variegation. Other application options for artisans include sponge, texture roller, or a brush.

COVERAGE

Typical dilution ratio: Mix one 237ml bottle of Aquacolor with 3.8L of water. This diluted liquid covers +/-23m². Please note that the coverage varies dramatically depending on surface porosity, dilution levels, application method, and desired colored intensity. Always produce on-site mock-ups or samples before proceeding with the application method and dilution level. Color results cannot be guaranteed, and actual colors may vary from those shown on the Aquacolor Color Chart.

CLEAN-UP

During the application process, keep all mixing equipment clean using water. To minimize site cleanup, the mixing station should be protected with cardboard and/or plastic drop sheets. Mask off all areas, including mixing areas, if required. Colorant spilled or dripped during application will contaminate the surfaces or walls, which may be very difficult to hide or remove.

LIMITATIONS

Aquacolor must be protected with a floor sealer to increase longevity.

CONDITIONS FOR USE

Do not apply at temperatures below 50°F (10°C) or when temperatures could fall below 32°F (0°F) during the next 24 hours. Be aware that when used at temperatures above 80°F (30°C), the application will become problematic.

STORAGE

Store in cool, dry conditions above 40°F (5°C). Do not Freeze. Do not use the product that has been frozen. Do not use a product that has been stored at temperatures above 90°F (32°C) for extended periods.

TECHNICAL SERVICE

Duraamen Engineered Products, Inc. provides services and consultations on material selection, specification, troubleshooting, and other information on the proper repair and protection of concrete surfaces.

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