

Architectural Specification for NewLook International, Inc.® SmartColor™
Section 099300

PART 1 GENERAL

1.1 DESCRIPTION

This specification describes NewLook's SmartColor application to properly prepared interior and exterior, horizontal porous substrates including, but not limited to concrete, terra cotta, stucco and plaster.

1.2 SUBMITTALS

A. Manufacturer's technical information and instructions for surface preparation, product application, material storage and handling.

B. Color: NewLook SmartColor is manufactured in 26 standard colors as of February 01, 2012. Color matches are available with predetermined order size and surcharge. Printed Color Selection Guides (color charts) are available at no cost from Authorized NewLook Distributors or NewLook International, Inc.

1.3 QUALITY ASSURANCE

A. Applicator Qualifications: Experienced applicator, as well as successful installation of NewLook's SmartColor or similar water-based concrete color stains.

B. Dilution: When mixing SmartColor concentrate, use clean tap water, distilled, de-ionized or reverse osmosis water.

C. Color:

1. Apply SmartColor to intended substrate or a sample of substrate with similar characteristics (color, porosity and texture).
2. Apply SmartColor to sample area with same application method as intended for application area.

D. Pre-installation: Before installing SmartColor, require that all parties/trades working in or around intended application surface are in full understanding of surface preparation, application, and protection of subsequently stained and sealed area.

1.4 DELIVERY, STORAGE AND HANDLING

A. Do not allow product to freeze.

B. Packing: Deliver materials in manufacturer's original, unopened packages and containers, with labels identifying manufacturer, product name, product number and stain color.

C. Storage and Protection: Store materials not in use in tightly covered containers, out of direct sunlight in an ambient temperature between 50 – 90 degrees F. Store diluted stain in clean, carefully sealed containers.

D. Handling: Protect materials from freezing and/or contamination during handling and application.

1.6 PROJECT CONDITIONS

A. Temperature Conditions: Apply SmartColor only when temperature of substrate and surrounding air temperatures is between 50 and 90 degrees F.

B. Weather Conditions: Do not apply SmartColor on exterior surfaces during precipitation or at a temperature that is less than 5 degrees F above the dew point.

1.7 SEQUENCING

A. Application of SmartColor should begin following thorough cleaning of substrate.

B. In ideal curing conditions (70° F, 50% Relative Humidity) schedule application of protective sealer 24 hours after stain is applied.

PART 2 PRODUCT

2.1 MANUFACTURER

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2.2 PRODUCT INFORMATION

- A. Water-based Stain: NewLook SmartColor™
1. Description: Water-based, nano-acrylic concrete color stain that uses nano-sized resin and binding agents to ensure optimal adhesion and penetration.
 2. Concentrate Percent Solids: 29.4 – 36 percent
 3. VOC per Gallon/Pounds: 1.21 – 1.39, water excluded
 4. Color: refer to NewLook SmartColor color chart
- B. Cleaner: NewLook EcoAcid™ or NewLook Degreaser™. Clean the surface according to NewLook’s written application instructions.
- C. A clear, film-forming sealer or “top coat” is required for installation longevity and durability.
1. Compatible Sealers: NewLook Concrete Maintenance Sealer™, NewLook SmartSeal™, NewLook 100% Epoxy, NewLook PermaPlate™, NewLook ProteShield. Generic terms for sealers are as follows; solvent and water based acrylics, 2 component epoxies and poly-urethanes.
 2. Incompatible Clear Systems: penetrating sealers including lithium, potassium and sodium silicates as well as methyl methacrylate sealers (a.k.a. MMA’s).

PART 3 INSTALLATION

3.1 EXAMINATION

- A. Examine substrate and conditions, with application contractor present, to determine compliance with application requirements.
- B. Notify Architect in writing of anticipated problems and/or unsatisfactory conditions.
- C. Do not begin surface preparation or stain application until unsatisfactory conditions have been corrected.

3.2 PREPERATION

- A. Remove or mask fixtures and areas that are not to be stained.
- B. Ensure concrete has cured a minimum of 28 days.
- C. Prepare surfaces in accordance with manufacturer’s instructions.
1. Remove loose concrete, dirt, dust, oil, grease, and other contaminants.
 2. Apply NewLook EcoAcid or other preparation solutions according to the product’s Application Instruction found in its Technical Data Sheet.
 3. Alternative surface preparation includes the use of grinding equipment to remove contaminants found in the intended application surface.

4. Prepare concrete thoroughly enough to achieve a concrete surface profile (CSP) of 1 or 2 according International Concrete Repair Institute standards (www.icri.org).

C. Surface

1. Surface must be free of all contaminants and appear dry. Follow manufacturer's instruction for "tape test" to verify proper surface preparation resulting in optimal adhesion.

3.3 APPLICATION

A. Dilute SmartColor concentrate to achieve desired appearance. Recommended dilution ratio is 1 part concentrate up to 3 parts water.

1. Decreased dilution ratio (amount of water): increases color intensity and opacity.

2. Increased dilution ratio: decreases color intensity and opacity.

B. Apply SmartColor to prepared substrate according to manufacturer's written instructions.

End of Section