



NEWLOOK

NewLook International, Inc. NanoSet Color™

Technical Information Sheet

NewLook International, Inc. NanoSet Color Dye Concentrate is a penetrating, translucent, non-reactive liquid dye that is easily diluted into most Densifiers, water, or water/acetone blends. Apply it to uncolored or colored concrete surfaces, overlays and polished concrete floors. NanoSet Color is offered in 12 vibrant standard colors that can be blended with each other to create a unique color offering. To obtain optimum performance, all three components of the NanoSet Polishing system, NanoSet Densifier, NanoSet Color and NanoSet Protector should be used together to lock in colors for long-term beauty.

USES AND BENEFITS

- Incorporate into the NanoSet Polishing System to add color to any polished floor
- Use as an alternative to "acid stain" or as an aid to fix troubled acid stain projects
- Provide vibrant color to surface without building a film
- Includes penetrating aid to help infiltrate the concrete surface deeply
- Concentrated dye can be diluted up to 16:1 or as needed to achieve desired intensity
- NanoSet Color includes UV blockers to improve resistance to UV
- Liquid concentrate dissolves within minutes when compared to hours for powder dyes
- Formula is concentrated and safe to ship by air

APPLICATION INSTRUCTIONS FOR POLISHED CONCRETE

To maximize penetration and performance, the concrete must be a minimum #1 on the International Concrete Repair Institute (ICRI) Concrete Surface Profile (CSP) chart. Visit www.ICRI.org for additional information. NewLook always recommends a representative jobsite sample prior to installation on project.

- Concrete surface pH of 7 – 9 is recommended for optimal results. Test pH with a pH pencil.
- NanoSet Color is best applied with a professional hand pump sprayer that is acetone-resistant (if needed). Apply with a micro-fiber pad, brush or other tools as needed for detail work such as when using with stencils.
- Dilute NanoSet Color depending upon the desired color intensity. Recommended dilution is up to 16 parts with water, into ready-to-use Densifier, or a 50/50 acetone-water blend.
- Protect adjacent surfaces from over-spray. Assure any taped or stenciled surfaces are well adhered as to avoid NanoSet Color bleed. Stains are permanent.
- Assure surface to be colored is clean from debris, oils, or other contaminants that may disrupt penetration. Surface must be clean and dry prior to installation. Damp surfaces will reduce color penetration.
- Color introduction may vary based on desired look, surface specifications and equipment usage. Apply NanoSet Color dye during the polishing process after 400-grit resin level and above then allow it to dry. Wipe away any excess dye or use an auto-scrubber with a white pad and water. Test for excess residual color by wiping a dry white cloth across the colored surface. Some residual color wiping is acceptable, however, significant residue will require additional cleaning until excess is removed.
- Dry times will vary based on carrier used, surface, temperature and humidity. Dry time may reach up to 45-60 minutes when diluted with water only.
- Color intensity or loss may vary due to a variety of factors. In some cases, NanoSet Color may be introduced more than once to improve color intensity at 800 or 1500 – grit. Color must dry before following up with subsequent grit resin.
- Dry polishing is recommended, as wet polishing may remove more color during the process.
- Use multiple colors for enhanced faux effects. Assure each color is cleaned individually as to avoid contamination of colors to adjacent areas.
- Once the concrete color has completely dried, apply NanoSet Protector to help lock in and enhance the color. Follow NanoSet Protector instructions for optimal performance.

APPLICATION INSTRUCTIONS FOR NON-POLISHED SINGLE-COLOR CONCRETE

- After preparing the concrete surface, dilute NanoSet Color with water. If you are using a 50/50 water-acetone blend, dilute the water at a set rate before adding the acetone. The acetone blend will dry faster and can provide improved penetration with dense or 'tight' slabs. Where solvents are not desirable, dilute NanoSet Color with water only.
- For normal or soft concrete, grind up to 100-grit resin bond diamonds. Remove all dust and debris. If wet cleaning is performed, allow surfaces to dry.
- Spray NanoSet Color using a pump sprayer with 8.4 gallons/hour flow tip at 40 psi. Lightly spray surface without creating puddles. Apply in a consistent, overlapping circular motion, holding the wand approximately 12 – 18 inches above the surface. Color will absorb into the concrete more quickly in some places than others. This is normal and may not require more color.
- Allow surface to dry. Wipe off any excess and test with a white rag as discussed above.
- Apply NanoSet Densifier to strengthen the surface and chemically bind in NanoSet Color. Once the surface has dried completely, apply a NewLook Sealer for additional surface protection.

APPLICATION INSTRUCTIONS FOR DILUTING NANOSSET COLOR INTO DENSIFIER

- Dilute NanoSet Color into diluted NanoSet Nano-Silica Densifier (NS) or NanoSet Lithium Densifier (LI).
- For normal or soft concrete, grind up to 100-200-grit resin bond diamonds. Remove all dust and debris. If wet cleaning is performed, allow surfaces to dry.
- Spray NanoSet Color and Densifier using a pump sprayer with 8.4 gallons/hour flow tip at 40 psi. Lightly spray the surface without creating puddles. Apply in a consistent, overlapping circular motion holding the wand at approximately 12 – 18 inches above the surface. Color will absorb into the concrete more quickly in some places than others. This is normal and may not require more color.
- Allow surface to dry. Clean off any excess and test with a white rag as discussed above.
- Polish with 400-grit resin.

- Apply additional NanoSet Color and Densifier as recommended to achieve more vibrancy and intensity.
- Polish with 800-grit resin and/or apply NanoSet Protector as recommended.

PRODUCT LIMITATIONS

- NanoSet Color Dye incorporates UV blockers. However, dyes are generally less UV resistant than color pigment solutions. This product is mostly intended for interior surfaces and it is recommended to always use a sealer with UV blockers if used outdoors.
- Use NanoSet Cleaner Concentrate for increased protection and color integrity.
- Do not over-apply NanoSet Color. Once the surface stops absorbing product, stop applying the color. Dry, powdery residue will result with over-application and must be properly cleaned.
- Do not apply product to surfaces below 40°F. Best results are achieved when the surface can stay at appropriate temperatures during application and drying, approximately 4 hours.
- Protect the surface against airflow, wind or rain during application.
- Clean all sprayers with water or acetone immediately after use, then flush with clean water.
- Water-based dyes may bleed. Care must be taken when using taper or stencils.
- Again, dry-times will vary based on carrier used, surface, temperature and humidity. Dry time may reach up to 45-60 minutes when diluted with water. Dry time is less when the product is diluted with acetone-water blends.
- Do not dilute straight into acetone to avoid shocking the NanoSet Color dye concentrate.
- Use NanoSet Cleaner as your regular maintenance cleaner as it contains active ingredients to help preserve your floor.

SAFETY AND PRECAUTIONS

KEEP AWAY FROM CHILDREN AND ANIMALS. Before using or handling, read the MSDS and Product Instructions. DO NOT CONSUME. Avoid contact with eyes and skin. Wear rubber gloves, aprons and safety eye goggles. For dilution with NanoSet Densifier, see safety precautions on Densifier technical data sheet. For dilution with acetone: NanoSet Colors are highly flammable when mixed with acetone. Great care should be taken when using this product. Acetone will produce vapors that are highly flammable and can be harmful to the applicator's health. Make sure rooms are properly ventilated. Open windows and use fans to achieve air movement. Non-explosive devices may be required in areas with poor ventilation.

PRODUCT AND PACKAGING

Product	Bucket Size	Approximate Coverage (Sq Ft.)
NanoSet Color Dye Concentrate	8 oz, 32 oz and 1 gallon	Coverage: 8 oz unit dilutes to approx. 1 gallon and covers 500-700 sq ft. 32 oz unit dilutes to approx. 4-5 gallons and covers 2500-3000 sq ft. *To be diluted with Densifier, water or 50/50 acetone-water mixture.

*Coverage rates vary depending on the texture, porosity and condition of the concrete, application method and other local conditions.

WARRANTY

NewLook International, Inc. NanoSet Color Dye Concentrate product is not intended for public use and are intended for use by licensed contractors and installers, experienced and trained in the use of these products. Product is warranted to be of uniform quality within manufacturing tolerances. The manufacturer has no control over the use of product, therefore no other oral or written representation or statement of any kind, express or implied, now or hereafter made is authorized or warranted by NewLook International, Inc. or its affiliates. NewLook International, Inc. and its affiliates hereby disclaim all such warranties, including those of merchantability or fitness for a particular purpose. In any case, the manufacturer's obligations shall be limited to refunding the purchase price or replacing material proven to be defective. NewLook International, Inc. shall not be liable for special, incidental, or consequential damages, including delays or lost profits. Communication of this warranty and its limitations to end users is not the responsibility of NewLook International, Inc. but should be communicated by those in direct contact with the end user. Any claim regarding product defect must be received in writing within thirty days from the date of purchase. No claim will be considered without such written notice or after the specified time interval. The end user shall be responsible for determining Product's suitability and assumes all risks and liability.

NEWLOOK INTERNATIONAL, INC. PRODUCTS available through: