



Nano Infused Concentrate

A PREMIUM SEMI-TRANSPARENT DECORATIVE STAIN



COVERAGE:

1 quart (1.06 Liters) covers approximately 600-700 sq. ft. with one coat depending on the surface and application method.

PACKAGING:

1 quart bottle

STORAGE:

1. Store in a cool, dry location.
2. Store out of direct sunlight
3. Protect from freezing weather and other damage.
4. Store at a temperature between 40°F (4°C) and 90°F (32°C).

SHELF LIFE:

3 years - Unopened

COLOR:

Multiple
See color chart

Visit our Website:
www.ClassicCoatingsSystems.com

See our Youtube channel for How-to Videos and our Instagram for inspiration!



@classiccoatingsystems /classiccoatingsystems

DESCRIPTION

Classic Nano Infused Concentrate is an easy to use water-based stain that enhances the aesthetic of many different types of surfaces. Multiple colors can be used to create unique and beautiful results. This advanced formula allows color to reach its full potential almost immediately upon application. Color may be built up without the worry of damaging the concrete like acid stain does. Classic Nano Infused Concentrate is UV stable and has zero VOC. After applying the first coat, you only have to wait 10 - 20 minutes to apply the second coat at 75°F. All colors may be used on interior and exterior surfaces in a wide range of environments. Apply a Classic Coatings Systems water-based sealer over the stain to protect the color and make it more vibrant. It is highly recommended to test a sample area first. We recommend mixing 1 quart of Classic Nano Infused Concentrate with 3 quarts of distilled or deionized water or 1 gallon of water for a slightly lighter color. **New concrete must cure for 28 days before the stain can be applied.**

ADVANTAGES

Low cost, easy to use, and low maintenance
Multiple colors can be used for unique and beautiful results
Semi-transparent finish
Can be used on interior and exterior surfaces
UV stable and Zero VOC
Protects and preserves against wear and exposure when sealed
In most cases, it can be sealed with a Classic Coatings Sealer on the same day

LIMITATIONS

If a uniform color is desired, Classic CDC line is recommended
Not for use on self-leveling cement or light weight concrete
Must be installed over a clean dry surface. Surface should feel like it is under 100 grit sandpaper
Moisture & efflorescence must be removed before applying stains or sealers
Clean surfaces with Classic Super Eco-Etch Cleaner then power wash and rinse well
Never apply adhesive tape over stained or sealed surfaces as it may cause damage. Once sealed, allow 5-7 days before parking

TYPICAL USAGE

Classic Nano Infused Concentrate can be used anywhere architectural concrete is desired. Both interior and ex-terior, on almost any cementitious surface, whether it be gray or color harden concrete, stamped or textured concrete, micro-toppings or overlays. It can be used as an entire surface colorant or just as an accent border or detail. It may be used on both new and existing substrates. Typically used as flooring in restaurants and food service areas, bars, hotels, casinos, retail stores, malls, art studios, movie theaters, museums, pool decks, automobile showrooms, residential flooring and more. Classic Stains may also be used as a means to color poured in place concrete; both smooth or with a form linear, tilt up wall, stone-face plaster, GFRC, and faux rock.

Note: In some cases if a reaction cannot be achieved the substrate may need to be resurfaced with a cementitious topping such as Classic Micro Topping (indoor applications only) and Classic Stampable Overlay (outdoor applications only). The benefit to resurfacing is to provide a virgin canvas without the effect of patches, repairs, existing stains, mastics, glues, oils, etc.

REVISED: January 2022

Classic Coatings Systems • 255 Citation Circle, Corona, CA 92878

© 2015 Classic Coatings Systems Inc. All rights reserved.



Nano Infused Concentrate

A PREMIUM SEMI-TRANSPARENT DECORATIVE STAIN

SURFACE PREPARATION

- ✓ **READ SDS BEFORE HANDLING & APPLICATION**
- ✓ Highly recommended to test a small inconspicuous area first.
- ✓ **TURN OFF SPRINKLERS FOR TWO DAYS PRIOR TO AND AFTER.**
- ✓ Always protect neighboring surfaces including wood, carpet, metal, landscaping and other non-masonry surfaces.
- ✓ **Caution:** Surface is slippery when wet.
- ✓ Before you start staining wear rubber gloves & safety glasses
- ✓ New concrete must cure for 28 days before stain is applied.
- ✓ **Note:** For older concrete, waterbased stains work the best.

Surface preparation is one of the most important steps of the staining process. The concrete must be free of debris, dirt, and oils. Start by cleaning the surface with our Super Eco-Etch Cleaner on broom finished and smooth finished concrete. Clean twice with the cleaner, and pressure wash the concrete with fresh water at 2,800 psi. Rinse the surface with fresh water to remove any softened concrete created by the etching and pressure washing process. For sandblasted concrete, clean one time with Super Eco-Etch Cleaner and pressure wash the concrete with fresh water at 2,800 psi. Rinse the surface with fresh water. For Stamp concrete and smooth surfaces concrete the process is the same. Often, surfaces inside an existing house will have dry wall mud, paint, wood stains, tile adhesives, and carpet adhesives, grease, pet stains, etc on the concrete. These spots will show through if not removed as these get into the pores of the concrete and block the staining process. There are several products available at a local hardware store such as adhesive removers and lacquer thinners that can be used to clear these products from concrete. Cleaning one of these floors to a level that is able to be stained is a considerable amount of work but not impossible. If you desire a more even finish consider one of our overlay resurfacing products like Classic Stamp Overlay (white). White always shows a better color. For indoor use apply Classic Micro Topping (white), especially on a floor that has had glued tile or glued carpet.

When staining an area, cover the surrounding areas thoroughly with drop cloths and clear plastic sheeting including plants and furniture so that nothing is accidentally stained, stains can be difficult if not impossible to remove. The appearance of the finished product is very much influenced by the manner in which the stain is applied. The stain can be sprayed, mopped, brushed, rubbed, but the best way is using a plastic sprayer and a push broom, etc. We suggest to spray on method using an all plastic pump sprayer (no metal parts) and a push broom brush in circular strokes.

*Caution: Sealers are known to be slippery when wet, we highly recommend adding Classic Gator Grip to combat slipperiness.

HOW TO MIX THE COLOR – PER GALLON

We recommend mixing 1 quart of Nano Infused Concentrate with 3 quarts of distilled or deionized water. Do not use hard water as it may adversely affect color and performance. Concentrate will result in ready to use stain by simply stirring mixture for 5 minutes with a drill & mixing paddle. When using more than 1 quart of the same color, we highly recommend mixing them together in a clean 5-gallon pail for consistent color.

To achieve a lighter color, mix 1 quart of Nano Infused Concentrate with 1 gallon of distilled or deionized water. The dilution ratio should not surpass 1 quart concentrate to 5 quarts water.

APPLICATION

MIX VERY WELL BEFORE USING! For best results, apply the first application using a pump-up sprayer in a circular motion with a wand. You may also apply it with an airless sprayer or other faux technique tools to achieve the desired look. Additional coats can be applied after 20-30 minutes at 77°F. It's also common to use brushes for a sample only. Lighter colors should be applied first by "layering" colors. Apply Nano Infused Concentrate in even circular clockwise motions (do not allow it to puddle). Wait until the first application dries, then apply the second coat in even counter-clockwise motions. Always use very light applications. Remember the more you apply, the darker the color becomes. When using a pump or airless sprayer, shake or mix Nano Infused Concentrate every 5-6 minutes. Nano Infused Concentrate can be sealed after 4-6 hours with a Classic Coatings Systems water-based sealer. Do not allow Classic Nano Infused Concentrate to get wet before sealing.

SEALING THE SURFACE

After the floor has completely dried, the surface must be sealed with one of our sealers. To spray the sealer on, use a good all season deck sealant pump sprayer. These usually come with three different nozzles. For spraying the sealer straight, use a medium sized cone tipped nozzle and thoroughly coat the surface. Classic Sealers dry smooth and flat to the surface. The most important aspect is complete coverage. A thick coating of sealer can sometimes take 48 hours to cure enough for foot traffic and 5-7 days for parking, depending on humidity, etc. In a sprayed or rolled surface you can come across areas of a floor that are more porous and absorb more of the sealer. Rolling is a popular method for applying the sealer. Be sure to use a 3/8 inch napped roller. It is much harder to get an even, thick coating of sealer with a roller and is the method most likely to have unpredictable results. Second coat of sealer can be applied 1 1/2 to 2 hours after the first.

HANDLING PRECAUTIONS:

Use only with adequate ventilation. An appropriate cartridge type respirator must be used during application in confined areas. Avoid contact with skin. Protective gloves, eyewear and clothing are recommended.

PROP 65 WARNING:

Classic Coatings Systems, as a blender of processed material in the State of California, is required by Proposition 65 to warn that one or more of the components contained in the product contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. The State of California (Proposition 65) requires this warning in the absence of definitive testing to prove that the defined risks do not exist. We believe this product complies with all other applicable state and federal laws and regulations governing manufacturing, distribution and intended use. User is solely responsible for the legal disposal of this container and/or its contents.

WARRANTY:

Classic Coatings Systems products are warranted for one year after date of purchase. Please refer to the Limited Material warranty for additional clarification. **NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY.** We warrant that our products are manufactured to strict quality assurance specifications and that the information supplied by us is accurate to the best of our knowledge. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. Any use or application other than recommended herein is the sole responsibility of the user. Listed physical properties are typical and should not be construed as specifications. **NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, REGARDING SUCH OTHER INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS YOU WILL OBTAIN FROM ITS USE. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, THAT OUR PRODUCT SHALL BE MERCHANTABLE OR THAT OUR PRODUCT SHALL BE FIT FOR ANY PARTICULAR PURPOSE. NO WARRANTY IS MADE THAT THE USE**

OF SUCH INFORMATION OR OUR PRODUCT WILL NOT INFRINGE UPON ANY PATENT. We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Our products contain chemicals that may CAUSE SERIOUS PHYSICAL INJURY. **BEFORE USING, READ THE MATERIAL SAFETY DATA SHEET & FOLLOW ALL PRECAUTIONS TO PREVENT BODILY HARM.**

Technical assistance and info. is available by calling: (951) 279-2600
www.ClassicCoatingsSystems.com