



Deck & Porches:

NatureColor® Base Coat or
NatureOne® - 100% Acrylic Exterior

Preparation:

Follow the instructions on the General Preparation Guide Sheet –
“Deck, Porches, Railings”

Deck Realities:

Wood surfaces that relate to decks take more abuse than any other area of the structure. Full sun exposure, rain, snow and ice are attacking the surface. Standing water will intrude through nail or screw holes and the smallest of cracks and crevices. This area is subject to abrasive wear from foot traffic, pet claws, patio furniture and barbecue grills. Chemical abrasion occurs from greasy barbecues, spilled beverages, and dropped food items.

Decks built close to the ground or that are skirted with lattice have very little air circulation and are subject to excessive moisture conditions that are conducive to mold growth which accelerates wood deterioration.

Its no wonder that most deck finishes require annual maintenance and the expectations of a furniture like finish on deck is almost impossible to achieve even when you go through a major time investment.

Film Forming vs. Non-Film Forming:

One must decide how to wage this battle against all that is mentioned above. Determining the best approach depends on what set of realities you wish to face.

We assume you have eliminated the option of doing nothing on the deck and are willing to replace the wood when Mother Nature has broken down the cell structure to the point that the deck is no longer structurally sound or you just can't stand its appearance anymore.

Applying one coat of Base Coat will provide a non-film forming finish that will not peel or blister. It will give reasonable protection for about 1 year and then you will have to clean and apply another coat.

Applying two coats of Base Coat or Acrylic Exterior will give a more finished look to the deck surface. This more finished look has film-forming properties that give better water protection, but is subject to abrasive wear and peeling if moisture conditions exceed the films microporous capabilities to release this moisture through evaporation. Two coats should only be applied to deck floors that are at least 18" above grade and have good air circulation or are covered by a porch roof.

Time and energy devoted to deck design and then surface preparation will pay off in better coating performance that should keep your wood looking better for a longer period of time.

Design & Building Techniques:

- ✍ Use Bottom Fastening Systems to secure the deck board to the joist.
- ✍ Build deck platforms away from main structure and connect with smaller walkways.
- ✍ Use quality wood and let dry to below 18% moisture level for Base Coat and 21% for Acrylic Exterior.
- ✍ Build deck floor a minimum of 18" from grade level, providing air circulation.

NatureColor® Base Coat Standard Applications:

DECK FLOORS

1. Prep Procedure
2. One Coat of Base Coat
3. Wait 24 hours
4. Optional - One Coat of Base Coat

DECK RAILS

1. Prep Procedure
2. One Coat of Base Coat
3. Wait 24 hours
4. One Coat of Base Coat

NatureOne® 100% Acrylic Exterior Standard Application:

DECK FLOORS

1. Prep Procedure
2. One Coat of Acrylic Exterior
3. Wait minimum 2 hours*
4. One Coat of Acrylic Exterior

DECK RAILS

1. Prep Procedure
2. One Coat of Acrylic Exterior
3. Wait minimum 2 hours*
4. One Coat of Acrylic Exterior

*Note: Low temperatures or high humidity may extend dry times.

Timing:

Surfaces should be coated within one week of cleaning procedure, second coat within one week of the first coat.

Note: Depending on climate conditions it is always good to coat your deck prior to the most severe weather conditions. (i.e. In winter climates, it is best to coat in the fall keeping excessive moisture from intruding the surface and then freezing causing more expansion damage in the wood cell structure.

Color Check:

Always do a complete system color test on a sample of surface that will be used in the project from the NatureColor™ purchased for the project.

Batch Check:

Batch numbers appear on the lids of Quart and Gallon containers and the sides of the Five-gallon pails. For color consistency always use the same batch number for the job. If different batch numbers exist, mix all batches together to assure color consistency.

Tools:

NatureColor™ Base Coat performs best applied with a longhaired natural bristle brush.
NatureColor™ Acrylic Exterior performs best when applied with a nylon/polyester brush.
NatureColor™ products can be sprayed, but always back brushed to work the product in the wood and to even the pigmentation and film thickness.

Spray Specifications:

- ✍ Airless Sprayer
- ✍ Tip Size .011 to .013
- ✍ Pressure – 1500 to 1800 PSI
- ✍ Saturate surface with product
- ✍ Even application by back brushing

Clean Up:

Base Coat: Clean up spills and spatters immediately with mineral spirits. Clean tools immediately after use with mineral spirits.

Acrylic Exterior: Wipe up spills and spatters immediately with damp rag. Equipment and tools should be cleaned with soap and water.

Dispose of empty can or unused finish in accordance with state and federal regulations.

Back Priming:

For our products, application of one coat to all sides of the boards is recommended to control the intake of excessive moisture in the wood, which may cause coating failure.

For Best Performance:

- ✍ Darker colors will last longer than lighter colors.
- ✍ Keep material from freezing
- ✍ Do not thin or add colorants
- ✍ Apply liberal coats
- ✍ Apply in direction of the grain
- ✍ Maintain a wet edge
- ✍ Saturate all end grains
- ✍ Apply when surface and air temperatures are between 50°F and 90°F
- ✍ Avoid application of product when temperatures are expected to drop below 50°F within 4 - 6 hours for Base Coat and 2 hours for Acrylic Exterior
- ✍ Avoid application when dew or moisture is present
- ✍ Avoid applying finish in direct sunlight or when surface is hot to the touch
- ✍ Apply one coat to undersides of the deck or porch floor if possible

Notice:

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24530 Hazlwood Drive P.O. Box 599 Nisswa, MN 56468

Phone: 218.963.4680 Fax: 218.963.4689 Toll-Free: 866.963.4680
www.Structureswoodcare.com