NatureOne®

PRODUCT DATA

A top quality 100% acrylic exterior translucent wood protection formulation intended to establish and sustain a grain and texture-defining natural new wood appearance to exterior wood.

Color Range

Natural	301
Cedar	303
Teak	304
Walnut	309
Pecan	311

Packaging

US Gallons available in
301, 303, 304, 309, 311

US 5 Gallon available in
301, 303, 304, 309, 311

Shelf Life & Storage

Approximately 5 years in an unopened container.

Keep from freezing.

Properties

Viscosity: 400-450 Cps
Density: 8.71-8.75 lbs. +/- 0.25 U.S. Gal
Solids by Weight: 38.37-38.67% +/- 2%
Solid by Volume: 35.22-35.32% +/- 2%
Gloss Level: Satin finish (35-40 G.U.)
V.O.C. 133 g/L – water free
UV Protection: UV Filter Technology
    Translucent iron oxide pigments
Flow: Good
Durability: Excellent, subject to adequacy of initial application film thickness (approx. 35 microns when dry), timely recoat maintenance, quality of construction, method of application, etc.
SDS Sheets available at
www.structureswoodcare.com

Features and Benefits

Translucent…………Ensures optimum visibility of the wood grain, enhances and highlights the natural beauty of the wood.
Micro-porous……….Allows moisture in the wood to escape.
UV protection………Screens the wood from sunlight deterioration through use of UV absorbers and iron oxide pigments.
Water repellent……Protects against damage from moisture intrusion.
Fungi resistant…….Impedes the growth of wood disfiguring and decaying micro-organisms.
Flexible………………Allows for expansion and contraction of the wood.
Dries quickly………..Speeds application process.
Easy clean up………Water based.
Low odor……………Applicator friendly.
VOC compliant…….Environmentally friendly

Where to Use

NatureOne® 100% acrylic exterior is used as a one or two-coat system for horizontal surfaces and a two or three-coat system for vertical surfaces.
- Sidings - Solid Wood, Composite
- Timbers and Logs
- Decks and Railings
- Trim
- Entry Doors and Garage Doors
- Shakes
- Shutters
- Fencing and Garden Furniture
- Docks

Surface Preparation

For optimum long-term visual appeal of your natural wood, correct wood surface preparation is of great importance.

In the case of vertical surfaces, options are; Sanding, TSP-Bleach-Water Power washing or Chemically or Abrasive stripping the wood surface. For method to use see spec sheets for your particular application.

For decks and railings, sanding is the only recommended method.

Coat vertical surfaces within two weeks of cleaning procedures. Apply second coat within two weeks of the first application. Coat horizontal surfaces within one week of surface preparation.

Coverage

Varies with wood species and its porosity.

Textured/Rough Sawn Wood:
1st Coat – 175 to 200 sq ft per gal.
2nd Coat – 250 to 350 sq. ft. per gal.
3rd Coat – 400 to 450 sq ft per gal.

Smooth wood:
1st Coat – 200 to 275 sq ft per gal.
2nd Coat – 300 to 375 sq. ft. per gal.
3rd Coat – 450 to 500 sq. ft. per gal.

Drying Time

May be re-coated after a minimum of 2 hours. Low temperatures or high humidity may extend dry times.

Clean Up

Clean spills and spatters immediately with soap and water.

Clean equipment immediately after use with soap and water.

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

Application Method

1. Do a color confirmation test. Allow 2-4 hours dry time between coats. Apply the number of coats recommended for your application.
2. Check moisture content of the wood. Apply coating when the surface moisture is no more than 18%
3. Need to scuff sand with 60-80 grit sandpaper
4. Stir material thoroughly before and during use.
5. Best results are with a quality nylon polyester brush.
   Airless sprayer application is acceptable, but must be immediately back brushed. Tip: 5-15 to 5-17   Pressure: 1000 to 1500 PSI
6. Generously coat the surface and all exposed end grains. Apply as liberally as possible without runs – do not "stretch out" the product. Apply in the direction of the grain. On textured/rough sawn surfaces, thoroughly cross brush to soak the finish into the surface and finish brushing in the direction of the grain. If spraying, spray until the coating runs slightly and then immediately back brush.
7. Avoid lap marks by starting at one end of a given surface area and while maintaining a wet edge, follow through to the opposite end of the surface area.
8. Siding may be pre-coated with two coats of NatureOne® 100% acrylic exterior before installation. Back priming is recommended for siding.

For Best Performance

- Keep material from freezing
- Do not thin or add colorants
- Apply product to acceptable wood substrates. See application guides.
- Apply when wood surface moisture is not more than 18%.
- Recoatable after two hours dry time. To avoid dirt contamination and cell loss adhesion, coat vertical surfaces within two weeks of surface preparation, second coat within two weeks of the first coat.
- Coat horizontal surfaces within one week of surface preparation.
- Stir thoroughly before and during application. Do not shake.
- Apply liberal coats.
- Apply in the direction of the grain.
- Maintain a wet edge.
- Saturate all end grains.
- Apply when surface and air temperature are between 50°F and 85°F
- Avoid application when dew or moisture is present.
- Avoid applying finish in the direct sun or when surface is hot to touch.
- Back priming is recommended.
- Wait one year for lumber treated with paraffin or water repellant.
- After one coat application of NatureOne® 100% acrylic exterior, apply one part urethane type caulking to all seams and joints. Proceed with usual two of three-coat system.
- Power rinsing your building once a year will clean off the dirt and enhance the performance of the coating.
- Apply your first maintenance coat sooner than later – see spec guide

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Page 2 of 2
6.17.19
NatureOne Prod. Data