



# BASE COAT

## PRODUCT DATA

A proven translucent wood protection finish is a synthesis of alkyd resins, polymers, pigments, and fungicidal components formulated to establish and sustain a grain and texture-defining natural new wood appearance to exterior wood.

### Color Range

Natural	001
Aged Pine	002
Cedar	003
Teak	004
Chestnut	005
Lodge Brown	006
Grey	007
Mahogany	008

### Packaging

US Quarts available in:  
001

US Gallons available in:  
All colors

US 5 Gallon available in:  
001,002,003,004,005

### Shelf Life & Storage

Approximately 5 years in an unopened container.  
Keep from freezing

### Properties

**Viscosity** – 27-32 secs Ford Cup #2/25 C. (77 F.)

**Density** – 7.1 - 7.3 lbs. +/- 0.1 U.S. Gal.

**Solids by Weight** – 38%

**Solids by Volume** – 31%

**Gloss Level** – On smooth surfaces initial application has a sheen that softens to a satin finish when exposed to the elements.

**V.O.C.** – Less than 4.5 lbs/gal., 538 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.

### 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 microorganisms.

Flexible.....Allows for expansion and contraction of the wood.

Low odor.....Applicator friendly through use of low odor solvents.

### Where to Use

NatureColor® Base Coat is used on exterior vertical surfaces as the first and second coat of a recommended three-coat system.

NatureColor® Base Coat is used alone as a one or two coat application on weather exposed horizontal wood surfaces.

- Sidings
- Timbers and Logs
- Decks and Railings
- Trim
- Entry Doors and Garage Doors
- Shakes
- Shutters
- Fencing and Garden Furniture
- Docks

## Coverage

### Smooth Wood:

- 1st coat - 165 to 200 sq.ft./ one
- (1) U.S. Gal.
- 2nd coat - 250 to 300 sq.ft./ one
- (1) U.S. Gal

### Rough-Sawn or Textured wood:

- 1st coat - 150 to 165 sq.ft./ one
- (1) U.S. Gal.
- 2nd coat - 200 to 300 sq.ft./ one
- (1) U.S. Gal

## Drying Time

Touch-dry after 3-4 hours, recoatable after 24 hours, at 68-F and 65 % relative humidity. At temperatures below 50 F or conditions of high humidity, the drying time will be extended.

## Clean Up

Clean spills and spatters immediately with mineral spirits. Clean tools immediately after use with mineral spirits.

## Surface Preparation

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

## Application Method

1. Do a color confirmation test. Allow 24-hour 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 not greater than 18%.
3. Stir material thoroughly before and occasionally during use.
4. Best results are with a longhaired, natural bristle brush.
  - Airless spray application is acceptable, but must be back brushed.
    - Tip: .011 to .013
    - Pressure: 1500 - 1800 PSI
    - Siding can be pre-coated with two coats of NatureColor® Base
    - Coat before installation.
    - Back priming is recommended for siding.
5. 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 work the finish into the surface
- and finish brushing in the direction of the grain. If spraying, spray till
- the coating runs slightly and then back brush.
6. 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.

## 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 less than 18%.
- Coat vertical surfaces within two weeks of cleaning procedure, second coat within two weeks of the first coat.
- Coat horizontal surfaces within one week of surface preparation.
- Apply liberal coats
- Apply in the 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 hours
- 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 repellent
- After one or two coats application of NatureColor® of Base Coat, apply one part urethane type caulking to all
- seams and joints. Proceed with usual three-coat system.
- Power rinsing your building once a year will clean off the dirt and dust and enhance the performance of the
- coating
- Apply your first maintenance coat sooner than later - see spec guide



24530 Hazelwood Drive P.O. Box 599 Nisswa, MN

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