

Technical Data Sheet

Rainforest Wood and Masonry Sealer

Earthpaint
because you care



Features

- May Qualify for up to Four LEED Points, EQ 4.2, MR5.1, MR5.2, MR6
- NC Healthy Built Homes up to Six Point IAQ 25 & 28
- Exceeds South Coast Air Quality Management District (SCAQMD) Rule 1113
- Excellent Penetrating Oil Finish and Stain for Logs, Decks and Siding. Just brush or roll into wood.
- Beautiful Rubbing Oil Varnish on Interior Trim & Furniture. Just wipe it on and polish.
- A Natural, RENEWABLE, Low VOC, High Purity Wood Finish
- Fully tintable with dozens of great color choices.
- Made from recycled pine resin leftover after paper manufacturing. Super tough resin is hypoallergenic.

General Properties

Interior / Exterior, clear penetrating oil finish and stain, Matte sheen, high solids wood finish with water repellency, and grain illumination. Coalesces with wood fiber and masonry and nourishes the fibers. Can be custom tinted or used as a rubbing oil.

Locally Harvested Ingredients

Specially Filtered Linseed Oil Refined for Natural Drying Reaction, Linseed Based Resin, Southern Pine Rosin, Citrus Distillate, 100% pure Bees Wax, Mineral UV blockers and Mildew Inhibitors (Zinc Borate), Lead free Mineral Salt Driers.

Recommended For

Exterior: Logs, Timber, Wood & Masonry Siding, Decks & Trim. **Interior:** Wood & Concrete Floors, Wood Trim, Cabinets, Doors, Floors, Furniture, Paneling. Additional uses include use as a water repellent sealer for lime based plasters, Earth or clay plasters, gypsum, concrete block, stucco.

Technical Data

Vehicle Type: Specially Filtered Reacted Linseed Oil

Pigment Type: None, inherent amber tone of plant oil.

Volume Solids: 88%

Theoretical Coverage at 75 F (23 C) and 50% humidity

Spruce or Pine 400 sft and up to 600 sft on hardwoods or for 2nd coat.

Recommended Film Thickness

Non-film forming (Hardens into wood fibers.)

Dry Time @ 77 F (25 C) @ 50% R.H.

Set to Touch: 2 hours

To Recoat: 12 hours, or after overnight dry.

To Service: 24 to 48 hours (Allow at least 48 hours from final coat before normal floor traffic)

Dries By: Evaporation, Oxidation

Spraying: Use 0.11 tip or larger. Spraying always increases negative health effects by atomizing the coating, increasing skin, eye and lung exposure.

Viscosity: Gardner Scale H

Flash Point: Not Less than 200 degrees Fahrenheit

60-Degree Specular Gloss: Matte Depending on surface smoothness.

Surface Temperature at Application:

Minimum: 40 F, product can be used below freezing but it will thicken and be more difficult to work with so we suggest using above 40F

Maximum: 105 F

Dilution:

Add up to 16 oz / gal of Pure Citrus Solvent. Dilution will make product slide along the surface easier and increase depth of absorption. Surface Density, a key principle in the petrification effect will be reduced slightly with dilution. Drying time may increase slightly if exceptionally deep penetration is achieved.

Clean Up: Earthpaint Citrus Solvent Cleaner or Earthpaint Pure Citrus Solvent

Weight Per Gallon: 8.2 lbs.

Storage Temperature:

Minimum: 38 F, not freeze sensitive but avoid freezing temperature to protect integrity of product.

Maximum: 90 F

Shelf Life: 1 yr (does not contain toxic preservatives.

After one year, oils may thicken and become more potent as a wood coating, however, do not use until a test area has been done and achieves satisfactory results.

Volatile Organic Compounds (VOC):

Less than 94 grams / liter from Pure Citrus Solvent.

Colors

Clear (Custom Tintable) Standard product is opaque amber color and dries transparent. Will darken woods somewhat as is common with oil based products. Can be custom tinted with Universal or Oil Based colorant. Treat as ultra deep base.

Limitations

Vegetable Oils can self ignite. Soak Rags in Water. Don't leave piled up! Product is engineered for penetration into wood. **Wipe off excess until wood feels smooth.** Tannin, water stains,

sap and other discolorations common to wood should be accounted for before application. **Always test for personal sensitivities and preferences in small inconspicuous areas before application to the entire surface.**

Surface preparation

Wear approved NIOSH respirator, safety goggles, gloves and protective clothing whenever exposed to dust of any sort, especially previously painted materials. Sand, Pressure wash or Strip wood until it is raw and porous.

WASH ALL EXTERIOR WOOD WITH LIME CLEAN WOOD & DECK CLEANER FIRST.

Kill all Mildew outdoors. If this is done poorly a darkening due to microbial growth can occur. Strip old patina off decks or the grey will show through and darken. These steps cannot be skipped for the finest results. If they must be skipped for whatever reason then a dark colored stain can hide the patina and mildew that was not removed or killed.

Basic Application

Read “How To’s” at www.earthpaint.net or your visit your local Earthpaint retailer for detailed application instructions on a variety of surfaces.

Stir well to disperse all settled materials from the bottom of the container. Zinc Borate is heavy and settles. Soak Rags In Water. Do Not Leave Piled Up.

LOG FINISH: see www.earthpaint.net for detailed instructions.

WOOD AND CONCRETE FLOORS: See www.earthpaint.net for detailed instructions.

TRIM & FURNITURE: See www.earthpaint.net for detailed instructions.

DECKS AND SIDING:

PREP: Wash with LIME CLEAN-WOOD AND DECK CLEANER.

Kill Mildew. Apply to clean raw wood. Strip previously coated surfaces unless applying over an Earthpaint Wood Finish. Dilute with up to 16 to 32 oz Pure Citrus Solvent per gallon. Dilute to increase absorption into wood and make easier to apply. Open any mill glaze on new wood.

Stir thoroughly. In a well-ventilated area, apply product with BRUSH, ROLLER or SPRAY ON AND BACKROLL INTO THE WOOD. Avoid applying too thick by brush or roller. WIPE OFF ALL PRODUCT THAT DOESN'T SOAK IN COMPLETELY INTO THE WOOD BY THE END OF THE DAY. FAILURE TO DO SO WILL RESULT IN SHINY PATCHES. Leave no film. Surface should feel smooth before moving on. Dry overnight. Sand & Clean between coats. Top Coat with Mountain XT for maximum longevity. When applying tinted allow pigment to dry firm 1 to 3 days before applying a thin topcoat. Wipe off all excess. Put rags in water.

Spot Maintenance: Product is engineered, through the principle of Surface Density, to undergo a petrification effect. This will allow the next application to build upon the first and maximize lifecycle

benefits. No stripping is needed. Simply wash clean and reapply. Soon the wood will no longer accept any more preservative and remain protected.

Clean Up

Use Earthpaint Citrus Solvent Cleaner diluted in water for the safest biodegradable clean up. Mineral Spirits is a petrochemical solvent that we stopped using in 1991.

Recycle

Containers are a leading contributor to landfill mass. Recycle containers whenever possible.

Cautions

Health Precautions: Use in adequate ventilation. Avoid breathing vapors or spray mist. Can cause skin, eye and lung sensitivities or irritation. Use NIOSH approved respirator. Wear protective clothing, gloves, and goggles. Flash point above 115 F. Do not ingest. If irritation occurs contact physician. Contact **Nationwide Poison Center Hotline: 1.800.222.1222**

SPONTANEOUS COMBUSTION WARNING!

Vegetable oil damp or soaked rags can self ignite. Soak in soapy water in metal containers, rinse well, dry flat in open air and reuse or compost.

LIMITED WARRANTY

The great variation between environmental factors, possible surfaces and application techniques, and the lack of control we have over such matters, must affect our policies. EARTHPAINT INC. products are guaranteed not to be defective when applied and used in accordance with instructions. However, liability, whether express or implied, is limited to replacement of product or refund of purchase price and cannot include liability for labor costs or consequential damages and will be done at Earthpaint Inc sole discretion. It is the user's responsibility to insure that the proper product is being used for each job.

Always test for personal sensitivities and preferences in small inconspicuous areas before application to the entire surface.

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Check out our other products at

www.earthpaint.net