

Technical Data Sheet

Mountain XT Clear Wood Finish

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
- Use One Coat for the Best Penetrating Oil Finish and Stain.
- Multiple Clear coats can be applied for Max. Protection.
- Tough Weather Barrier for Logs, Decking, Siding
- Sustainable, Patented Technology based on Cashews, 100% RENEWABLE.

General Properties

Exterior Penetrating Oil Finish that can also be applied in multiple clear coats to form a hard, natural gloss weather barrier. Water, chemical, abrasion and UV radiation resistant. Natural defenses against mold stains. Deep penetrating, clear high solids finish with excellent water repellency, and grain illumination. Hardens into wood fibers. Can be custom tinted or used as a clear topcoat.

Locally Harvested Ingredients

Cashew based Resin, Linseed Based Resin, Citrus distillate, Corn Solvent, Mineral UV blockers and Zinc Borate, Lead free Mineral Salt Driers.

Recommended For

Exterior: Decks, Log Homes, Timber, Wood & Masonry Siding, Decks & Trim. 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: Air Oxidized Linseed Oil, Cashew Resin

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

Volume Solids: 70%

Theoretical Coverage at 75 F (23 C) and 50% Relative Humidity, with a wood moisture content below 18%.

Spruce or Pine 400 sft and up to 756 sft on Yellow Pine Log Siding. Hardwoods or for 2nd coat.

Recommended Film Thickness

1 mil

Dry Time @ 77 F (25 C) @ 50% R.H. EXTERIOR USE ONLY. DOES NOT DRY INSIDE.

Set to Touch: 12 hours

To Recoat: Typically 24-72 hours, or after overnight dry but humid and cold weather **will** slow dry.

To Service: 72- 96 hours (Allow at least 48 hours from final coat before light 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. Wear skin, eye and lung protection.

Viscosity: Gardner Scale J

Flash Point: Not Less than 200 degrees Fahrenheit

60-Degree Specular Gloss: Natural Semi Gloss, Satin sheen develops after 60-90 days, depending on surface smoothness.

Surface Temperature at Application:

Minimum: 45 F

Maximum: 90 F

Does not freeze at 32F but coldness slows drying.

Dilution:

Add up to 32oz / gl of Pure Citrus Solvent or Corn 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 or Corn Solvent.

Weight Per Gallon: 8.5 lbs.

Storage Temperature:

Minimum: 45 F

Maximum: 90 F

Shelf Life: 6 months (does not contain toxic preservatives. After 6 months a skin may form on top of the can. Peel this away to get to good product underneath. After time oils may thicken do not use until a test area has been done and achieves satisfactory results.

Volatile Organic Compounds (VOC):

Less than 275 grams / liter from Pure Citrus and Corn Solvent.

Colors

Clear (Custom Tintable)

Standard product is opaque amber color and dries transparent. Will cause some darkening of wood as is common for oil-based resins. Can be custom tinted with Universal or Oil Based colorant. Treat as ultra deep base.

Limitations

Moisture Content of Logs: Do not coat wet logs with multiple coats of this very strong weather barrier. If you

are unable to test your logs and make sure the humidity is below 18% use one penetrating coat and come back in a year to do more applications as desired. Do this so the moisture in the logs does not get trapped inside the walls. A penetrating coat will remain breathable. But a top coat of Mountain XT will block moisture from entering and exiting. This is a great characteristic for dry logs but not for a log that hasn't dried out properly. If unsure apply only one coat to be safe. The logs will dry out slowly and you can apply a second coat in 1-3 years.

Surface preparation

Wash all exterior surfaces with Earthpaints, LIME CLEAN-WOOD & DECK CLEANER. Be sure to 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

Logs: Read Log & Siding Application Instructions for detailed instructions on coating Log Homes.

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.

Decks, Siding, Trim, Furniture & Woodwork: 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. Stir thoroughly. In a well-ventilated area, apply product with Brush, Roller or Sprayer (backroll after spraying).

Avoid applying too thick by brush or roller. Dry overnight. Sand & Clean between coats. Multiple coats will increase shine and longevity. When applying tinted allow pigment to dry firm 1 to 3 days before applying a thin topcoat. Make sure to apply thin coats if applied too thick the surface can wrinkle because of the fast drying cashew resin.

Put rags in water.

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, rash 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**

Contact Dermatitis: Cashew plant family has some similarities to poison ivy in it's molecular structure. Poison Ivy contains urushiol oil. Mountain XT does not contain any urushiol oil. It can however produce a rash similar to poison ivy in people who are sensitive to cashews or poison ivy. This is because a very small amount (approx. 0.03%) of cardol is present. Cardol is similar enough to urushiol oil that it can produce a rash when skin is coated with it. Simply wear gloves or wash off with soap and water. Wet exposure does have the rash potential for those who are sensitive. Please, use caution. This is the toughest, most durable product we can make without using the ordinary poisons like Polyurethane, NMP, Toluene, Naphtha, Mineral Spirits, etc. Mountain XT is natural and renewable and safe to use but protect your skin, especially if you are sensitive.

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