



TECHNICAL DATA SHEET

Mountain XT Clear 00

Features

- May Qualify for up to Four LEED Points.
- Renewable Content 92.63%, 65% Solids Content, 53.93% Post-Consumer Waste (from citrus juicing peels and shells left over after cashew food production).
- Hard, waterproof film reflects UV/IR radiation. Highly Weather Resistant.
- Sustainable | Beautiful | Pleasant to Apply.
- Tough plant oil and cashew based resins provide long lasting exterior stain.
- Excellent mold / mildew resistance without the need for benzene, IPBC or other common, highly toxic biocides.
- Patented Technology based on Cashews, 100% RENEWABLE.

General Properties

Natural, Exterior, Clear Wood Finish. An oil finish that can be applied in multiple clear coats to form a hard, natural gloss weather barrier. Water, chemical, abrasion and UV / IR radiation resistant. Natural defenses against mold stains. Clear high solids finish with excellent water repellency, and grain illumination. Hardens into wood fibers and can be easily maintained with a bolstering coat as needed.

Sustainably Harvested Ingredients: Cashew based Resin, Linseed Based Resin, Pure Citrus, Lead & Cobalt Free Mineral Salt Driers.

Recommended For Exterior Wood: Decks, Log Homes, Timber, Wood Siding, & Wood Trim.

Vehicle Type: Cashew Resin, Linseed Oil Refined Specifically for Exterior Wood Coating.

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

Volume Solids: 65%

Theoretical Coverage at 75 F (23 C) and 50% Relative Humidity:

Test a sample pint for the most accurate measurement.
Coverage can vary greatly based on wood type and application method.

Typically, Smooth, previously coated wood will have a spread rate of approximately 400-700 sft / gal. Rough and weathered wood that is previously coated has a typical spread rate of approximately 300-400 sft / gal.

Recommended Film Thickness:

Apply at a thickness of 2-3 mil. Apply multiple thin coats.

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, always back brush sprayed wood. Clean spray rig with Earth Clean and Water.

Viscosity: Gardner Scale I

Flash Point: Not Less than 200 degrees Fahrenheit.

Surface Sheen: Product can be built up to a semi-gloss finish that weathers into a satin sheen. When weathered, a satin sheen develops after approx. 60-90 days, depending on surface smoothness and climate.

Surface Temperature at Application:

Minimum: 45 F

Maximum: 90 F

Does not freeze at 32F but coldness slows drying.

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.

Weight Per Gallon: 8.5 lbs.

Volatile Organic Compounds (VOC):

Less than 350 g/L from Pure Citrus.

Exterior Wood Stain Colors: Product is clear. Apply over Rainforest Sealer tinted to the desired stain color.

Limitations: This is not the same product as Mountain XT Stain Base, which is designed as an exterior stain.

Thick film applications run the risk of wrinkling. Apply multiple thin coats.

Add Corn Solvent to speed dry if needed on extractive rich woods like redwood or exotic hardwoods. These wood types tend to slow the dry time, which aids in a less brittle film development but if a faster dry is needed then add Corn Solvent. Temperature, rain, cold or more than 4 oz. per gallon of colorant can also slow the dry time.

Moisture Content Considerations: One coat is fine but do not coat wet wood with multiple coats of this very strong, waterproof coating. If you are unable to test your wood 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 wood does not get trapped inside the walls.

A penetrating stain coat will remain breathable. But a film forming top coat of Mountain XT will block moisture from entering and exiting. This is a great characteristic for dry wood but not for wood that hasn't dried out properly.

If unsure apply only one coat to be safe. The wood will dry out slowly and you can apply a second coat in 1-3 years.

COATING EXTERIOR WOOD WITH MOUNTAIN XT CLEAR 00

WOOD SURFACE PREPARATION

Wash surfaces with **Lime Clean Wood and Deck Cleaner** to open wood fiber cell pores, remove mill glaze, coatings, contaminants and extractives. Use White Distilled Vinegar to lighten wood if necessary after washing. Allow wood to dry before coating (typically 3-5 days). Sand 35-50 grit. Coat all six sides of the board if possible, especially the board ends. Apply Rainforest Sealer as the base coat.

DILUTION:

None necessary on weathered wood.

IF COATING EXOTIC HARDWOOD'S OR EXTRACTIVE RICH WOOD TYPES:

DILUTE 4:1 - Add 1 quart per gallon of Pure Citrus Solvent or Corn Solvent. Using Corn Solvent will speed dry time for high extractive content woods. Pure Citrus Solvent will reduce the risk of applying too thick of a film, which is useful if rolling large areas.

APPLICATION INSTRUCTIONS

Apply to Raw Wood. For Wood Substrates Only.

- 1.) Use a 3 or 4" quality natural bristle brush and a roller. (1/4 to 3/8" nap; microfiber, woven or foam).
- 2.) Apply uniformly over clean surfaces with a brush or foam roller. As the wood absorbs nourishment it will richen. Use a quality Brush to go back and forth over the surface to spread product evenly and insure it is not too thick. Thick areas are prone to wrinkling.
- 3.) After a few hours or at the end of the day: DRY BRUSH the coated surface. Any drips, runs or finish that didn't soak in should be brushed into areas that are more absorbent. Leave an even appearance.
- 4.) Check the next morning for drips. If there is any flashing (shiny spots), wipe them off with a rag soaked in Corn or Citrus Solvent or Earth Clean and Water. Sand between coats to improve smooth appearance and promote intercoat adhesion.

100% BIODEGRADABLE CLEAN UP: Use Earth Clean added to Water.

STORAGE: Temp 55-75F, 1 yr. unopened. Pour leftover product into smallest possible vessel size.

DISPOSAL: In accordance with local regulations. Rinse and recycle containers whenever possible.

MAINTENANCE: Wash twice a year with Earth Clean. Rinse with a hose or pressure washer. Recoat as needed. The biggest factor in maintenance is UV / IR radiation exposure from the sun. This product reflects UV / IR radiation back out to space and thus acts as a sacrificial barrier to the sun's harsh exposure. Depending on how much weather the wood gets, apply a bolstering coat after 6-12 months to maintain film integrity. The product will likely look very good at this time but it is best to bolster the film before it has a chance to weather. If proper prep and application is done, all future coats will be a clear bolstering coat of Mountain XT Clear 00. This can be done indefinitely to maintain beautiful wood grain illumination of exterior wood.

SPONTANEOUS COMBUSTION WARNING

Vegetable oil damp or soaked rags can self-ignite. Lay flat to dry or soak in Earth Clean or soap and water, rinse well, dry flat in open air and reuse or compost.

HEALTH PRECAUTIONS: Wear impermeable protective clothing, safety glasses and rubber gloves. Avoid using overhead or spraying without fully covering with impermeable clothing, safety goggles with side shields and an NIOSH approved Respirator.

WARNING: CASHEW NUT ALLERGEN - Contact dermatitis. Certain sensitive individuals can get a temporary rash from cashew resin. Some people who are highly sensitive to poison ivy may become sensitive to cashew resin as well, use care to avoid a rash. Cashew

Resin is an upgrade replacement for carcinogenic and toxic ingredients common to wood finish but some people can get a temporary rash from this strong finish when wet, especially when left on skin and not washed off. Please, use accordingly. Wash off skin and clothes immediately with Soap and Water. Use Rainforest Sealer

if you have skin sensitivities. Read details on product **MSDS** @www.earthpaint.net before using. Do not ingest. If irritation occurs, contact physician.

KEEP AWAY FROM CHILDREN. Emergency contact: Nationwide Poison Center Hotline:1.800.222.1222

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 ensure that the proper product is being used for each job.

VOC: <350 g/L of Pure Citrus Solvent. Our solvents are renewable plant based solvents that are biodegradable. Adding Pure Citrus or Corn Solvent will raise the final VOC depending on how much is added.

Containers: Sample Pints and One Gallon cans.

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