

Clear Skies Enamel



Features

- Non-Toxic, Sustainable & Tough!
- Qualifies for up to **3 LEED Points:**
EQ 4.2, MR 5.1, MR 5.2
- VOC below **Green Seal GS-11** requirements
- Regionally Extracted and Manufactured (NC)
- No Formaldehyde Emitting Biocides
- Fully Scrubbable, Indoors or Out!
- Excellent Trim & Siding Paint, Fast Application, Beautiful
- 25 Year Warranty
- High Hiding, meets or exceeds ASTM D2805-88 Requirements

General Properties

Interior / Exterior, High Quality, Low VOC, Non HAP, High Hiding, Semi-Gloss, Durable, Self-Priming Waterborne Paint.

Locally Harvested Ingredients

All ingredients are non-toxic and biodegradable

Water, Georgia Clay, Ultra Fine Marble Dust, Non-Toxic Pure Acrylic Resin, White Earth Pigment, Bio Based Coalescent & Formaldehyde Free Anti-Microbial.

Recommended Use

Hardibacker, Cement Fiber Boards, Wood Trim, Siding, Walls, Cabinets, Doors, Windows etc.. Adheres to bare drywall, masonry and raw wood providing excellent adhesion and protection. Increases vapor barrier properties of drywall.

Technical Data

Vehicle Type: Water, 100% Pure Hypo-allergenic Acrylic

Pigment Type: Earth Pigments

Volume Solids: 47.6%

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

350-450 sft / gal depending on porosity of surface, temperature at application and method. Typically, first coat, sprayed on raw drywall will always be less coverage due to porosity, absorption, thickness of spray and dryfall. Apply at 350-400 sft / gal on the first pass. 400-450 sft / gal on second pass.

Recommended Film Thickness

3.7 Mils Wet, 1.5 Mils Dry

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

Set to Touch: 40 - 90 Minutes

To Recoat: 4 - 8 Hours

To Light Service: 8 Hours

Dries By: Evaporation, Coalescence

Spraying: Use caution. Spraying always increases negative health effects by atomizing particulate, increasing skin, eye and lung exposure.

Air out building before removing respirator.

Earthpaint Inc does not use ethylene glycol, NMP, Benzene or Formaldehyde. **Airless Spray: For Walls** Use 2000-3000 PSI, Large Tips .017-.019 and a 50 mesh filter. Backroll. **For Trim:** 2500 PSI, Narrow Fan .011 Tip and 80 mesh Filter. Use fast, precise strokes.

Viscosity: 90-95 KU

Flash Point: Non Flammable, above 205F

Specific Gravity: 1.33

60-Degree Specular Gloss: Semi-Gloss

Surface Temperature at Application:

Minimum: 50 F Maximum: 90 F

Dilution:

Use pure for best lifecycle results. Dilute up to 16 oz per gal with clean water if desired.

Clean Up: Water.

Weight Per Gallon: 11.5 lbs.

Storage Temperature:

Minimum: 50 F

Maximum: 90 F

Shelf Life: 1 yr

Disposal: Biodegradable. Dry waste in sand before landfill.

Volatile Organic Compounds (VOC):

27 g/L consisting of non-toxic coalescent. This small amount is essential to good performance, long lifecycle factors

Colors

Bright White. Tint bases accept standard colorants. Use Earthpaint Colorant System for the finest non toxic / sustainable colors available anywhere.

Limitations

Always test for personal sensitivities and preferences in small inconspicuous areas before application to the entire surface. Do not allow to freeze. Product primes drywall, masonry and raw wood. Metal must be primed with a suitable primer. Stains, knots and sap should be spot treated with a stain blocker. C.S. Enamel is Best for trim. Use Clear Skies Wall or Flat for wall surfaces. Prime with a tinted coat of C.S. Wall or Flat for Dark Colors.

Surface preparation

Sand surfaces smooth. Dull glossy surfaces. Check for adhesion before applying to oil based finishes. Brush on a small area, allow to dry and scratch with fingernail. If paint scratches off easy, adhesion is poor. If it scratches off but not easily adhesion may be sufficient. The user must be able to discern this adhesion. Otherwise, do not use on oil based paints. All surfaces must be dry, free of dirt, dust or grit. All nail holes, cracks and blemishes should be repaired before first application if possible. ***Cover all areas not to be coated.***

Basic Application

Stir thoroughly. Spray, brush or roll onto surface with an even comprehensive method. Always Backroll or backbrush when spraying. Not recommended for rolling on smooth surfaces. When rolling use 1/4" nap roller cover. Dilute if needed w/ 16oz water. In general, the more shine a paint has the more wall imperfections will show due to light reflectance. Spot prime joint compound patches or apply two topcoats for the most even finish and to avoid flashing (sheen irregularity). Use high quality roller naps and brushes.

Cut in corners first then roll out flat areas. Start on ceilings and work down. Keep product and utensils clean. Do not allow to dry out in the can or roller pan. Avoid painting in direct sunlight if temp. is above 70F. Cover with a wet rag if necessary during breaks. If application utensil picks up dirt from substrate wash out with water.

Two applications: Lightly sand between coats. Recoat as above. Avoid causing lines from the edge of the roller or brush. Use even pressure on the roller.

Three applications: Apply 3 coats to new or previously uncoated exterior surfaces in the same manner as listed above.

Temperature and addition of colorant may dramatically affect curing time.

Finish Schedule Tips

Due to high hiding properties 1 coat may suffice visually. This is fine for budgetary or time concerns, but the greatest protection comes from multiple coats.

New Wallboard / Plaster: Apply 2 or 3 coats Clear Skies Enamel. 1-2 Coats for budgetary / time concerns.

New Wood & Cured Masonry: 2 or 3 coats Clear Skies Enamel. 1-2 Coats for budgetary / time concerns.

Siding & Cement Fiber Boards: If possible, have two coats factory machine applied, installed on site and recoated. This will result in a very durable finish. [Note: Because of the thickness, purity and hiding power of Clear Skies Enamel, One application will look good on most siding, however, a full three applications results in the best looking, longest lasting finish.]

Previously Painted Surfaces: Prime with Clear Skies Enamel, Finish with 1-2 Coats of Clear Skies Enamel.

Recycle

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

Cautions

Health Precautions: Use in adequate ventilation. If spraying: Air building out so dust can thoroughly settle before removing respirator. 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 200 F. Do not ingest. If irritation occurs contact physician. Contact **Nationwide Poison Center Hotline: 1.800.222.1222**

CLEAR SKIES ENAMEL

LIMITED TWENTY-FIVE YEAR WARRANTY:

Earthpaint expressly warrants its products to be fit for the ordinary purpose for which they are intended for a period of **twenty five years** from date of installation when applied and used in accordance with manufacturer's instructions within six months of purchase. This is limited to interior wall application only. **Exterior and trim applications are covered for five years.** Earthpaint Inc.'s liability under this warranty is limited to the replacement of products found to be defective or to the refund of purchase price to original purchaser and cannot include liability for labor costs or consequential damages. It is the user's responsibility to insure that the proper product is being used for each job. **Always test in small inconspicuous areas before application to the entire surface.** Earthpaint Inc. reserves the right to require proof of purchase and to inspect installations prior to resolving claims made under this warranty. This limited warranty is exclusive and in lieu of all other warranties either written, oral or implied, and expressly excludes liability for consequential damages.

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