

Technical Data Sheet



Venetian Plaster Base Coat

Features

- Can Be Color Washed
- Authentic Old World Beauty
- No Odor, No toxic emissions
- Natural & Sustainable
- One Coat Over Primer is Beautiful
- Zero VOC, Non Flammable
- Easy for a beginner to apply

General Properties

Interior / Exterior grade, Tintable, Lime Plaster. Wear a respirator when creating dust since there is sand and lime in this product. It's natural but needs to be treated wisely.

Locally Harvested Ingredients

Water, Lime, Sand

Recommended Use

Walls, Ceilings, Siding, Interior, Exterior Stucco & Plasters

Technical Data

Vehicle Type: Water, Lime

Pigment Type: Lime White

Volume Solids: NA

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

50 Sft / gal

Recommended Film Thickness

1/16th to 1/8th inch done in multiple coats, dried slowly with moisture, No more than 1/4"

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

Set to Touch: 90 Minutes

Special Drying Needs: Force a slow dry by misting with water lightly if needed.

To Recoat: 8 - 24 Hours

Dries By: Carbonization

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. **Viscosity:** Gardner, Solid

Flash Point: Above 400F, Non Flammable

Specific Gravity: 2.1

60-Degree Specular Gloss: NA

Surface Temperature at Application:

Minimum: 55 F Maximum: 80 F



Dilution:

16 oz per gallon with water or pigment saturated water. Include water (liquid) from pigment when considering dilution.

Clean Up: Water.

Weight Per Gallon: 16.4 lbs.

Storage Temperature:

Minimum: 50 F

Maximum: 90 F

Shelf Life: Indefinitely kept moist. Don't freeze.

Disposal: Biodegradable.

Volatile Organic Compounds (VOC):

Colors

READ FIRST: Product is pure and natural. Variation, nuance and diversity must be expected. This is not paint. Colors will vary on the wall and may change Hue, sometimes with the weather. This is the character and personality of the product and part of it's charm. You are not holding acrylic paste which many Venetian Plaster nowadays are made from. It is hard masonry plaster based on Special, Pure Eastern U.S. Lime & light reflecting marble dust.

Tint with lime safe, alkali resistant, inorganic pigments. If using standard colorants treat as ultra-deep base. Introduce minimal liquid to formula when adding colorant.

Limitations

Always test for personal sensitivities and preferences in small inconspicuous areas before application to the entire surface. Apply thin to avoid cracking, Use multiple coats. Dry slowly for up to two days before recoating.

Surface preparation

Prime with Plaster Primer first on new drywall, previously painted areas and all areas that are not porous lime plaster, earth plaster or clean stucco. Remove all dirt, surface salts, efflorescence and contaminants. Wear approved NIOSH respirator, safety goggles, gloves and protective clothing whenever exposed to dust of any sort, especially previously painted materials. All nail holes, cracks and blemishes should be repaired before first application if possible.

Cover all areas not to be coated.

Instructions: See www.earthpaint.net for more How TO's.

Application

Mix with drill paddle mixer **16oz water or colorant per gallon**. Formulated to accept additional fluid and not be overdiluted. This is why the gallon is not filled to the top. It is acceptable to use undiluted but difficult, nevertheless this is the way of the old masters and makes a harder plaster. **Color:** Treat as Ultra Deep Base. Use mixed color within 2 days. To add Raw (dry) Pigment disperse thoroughly in **16oz** clean water, then add to plaster with a drill mixer. For effect: Start low and increase volume of color slowly with each pass. This will give nuance and depth.

PRACTICE BEFORE STARTING JOB.

Apply to sound walls prepared with **EP Plaster Primer**. Lime will rise to the surface. Be sure to add water or colorant and Mix well or the bottom of the bucket may be sandy. Mix V.P. with paddle mixer to Peanut Butter consistency. Use steel trowel and hawk and throw onto wall in 1/8" thin coats. Cover surface entirely and evenly. Use two coats if desired. If applied too thick or if dried too fast cracking will occur. **Leave open uncompressed and rough if using as a base coat for VP Top Coat.**

Can be made very smooth if troweled during this set up phase (approx. 30-60 min after application). Erase trowel marks with spatula, plastic, steel or sponge trowel once it has begun to set up. Do not miss the opportunity to work plaster while it is in it's set up phase if you want it smooth. **Allow overnight dry.** Mist with water occasionally throughout drying phase. Don't overwet. No heaters. Close Windows to **dry slowly**. No Fans. Make second pass when dry, if desired, for greater mass and strength. Add color to **Stone Coat Masonry Hardener** for an excellent color wash that truly petrifies into the surface.

Recycle

Containers are a leading contributor to landfill mass. Recycle containers whenever possible. Earthpaint reuses and recycles containers. Clean containers can be reused by Earthpaint Inc. Call for more information.

Cautions

Sand Dust Warning: This product has sand additives. Silica sand contains crystalline silica. Avoid breathing dust from this product as prolonged and repeated breathing can cause a progressive lung disease called Silicosis. The International Agency for Research on Cancer has classified crystalline silica as a known human carcinogen. Long term exposures that result in silicosis may cause additional health effects. Follow OSHA, MSHA & NIOSH health standards for silica dust.

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**

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.

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Check out our other products at
www.earthpaint.net