

## Technical Data Sheet

# Venetian Plaster Top Coat



### Features

- Fun to Apply!
- Authentic Old World Beauty
- No Odor, No toxic emissions
- Natural & Sustainable
- Hard Surface, Long Life Cycle
- Zero VOC, Non Flammable
- Fully Tintable
- The Most Beautiful, Textural, Natural Surface Available!!!

### General Properties

Interior / Exterior grade, Tintable, Lime Plaster

### Locally Harvested Ingredients

Water, Lime, Ultra Fine Marble Dust

### 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** 50-200 sft / gal

### Recommended Film Thickness

1/2 mil to 2 ml single coat, 1/16th inch total done in multiple coats, dried slowly with moisture. **1/32" is optimum thickness.**

**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 X

**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. Dilute to make material slide along surface smoothly.

**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):** Zero

### Colors

**READ THIS FIRST: Color Disclaimer for Lime-Based Plaster:**

Earthpaint has found a way to get an enormous spectral range for lime based plasters. This is very exciting, however, because of the lime ph, it is an inexact system. The pH and lime will will bleach some colors and react with other colors in various ways.

**Colored plaster should always be tested on a small area prior to application.**

On some colors the actual color will undergo a reaction where it turns a different color until it dries completely. We have not seen a case where the color change was permanent, but if you do not want to deal with these naturally derived characteristics, it is suggested that you try a different method to color your plaster. Earthpaint Venetian Plaster is pure and natural with interesting results that are part of it's amazing character. It is a truly natural and sustainable surface that will outlast most other wall coatings. In exchange we gladly accept that each wall will have it's very own nuance and personality.

**Plaster that is tinted with Earthpaint Coloring Systems should be used immediately, or within 1-**

**2 days of tinting.** If this is not possible, get the color in a small can and wait to add it until you are ready to begin. Most color changes dry back to a normal color right away. When the plaster is compressed and some CO2 gets into the lime it can take as long as one to two weeks to fully settle into its permanent color. Sanding lightly usually corrects this right away.

**In actual practice the colors are so outstanding that it is seldom an issue but it can arise and we want the user to be aware of this. If you want exact colors don't use this product. Many of our walls change from day to night and even take on different hues with the weather. It's like having living walls with character and charm. We've never seen a more attractive wall and hope you enjoy yours as much as we do ours.**

### Limitations

**Always test for personal sensitivities and preferences in small inconspicuous areas before application to the entire surface. Apply thin and don't let heaters blow on surface to avoid cracking, Use multiple THIN coats. Dry slowly for up to two days before recoating.**

**DO SAMPLES BEFORE AND DURING JOB.**

### Surface preparation

Prime 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.*

### Application

**Call 828-258-2580 for instructions if unsure.**

**Read How Tos at [www.earthpaint.net](http://www.earthpaint.net) before applying.**

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. Cracking will be more likely with thicker passes. DON'T Exceed 1/16" or a Credit Card width. **Color:** Treat as Ultra Deep Base. To add Raw (dry) Pigment disperse thoroughly in no more than **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.

**Recycle**

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

### Cautions

**Sand Dust Warning:** This product may have sand additives mixed into it by the end user. 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**

**Lime Warning:** Use caution with lime. Wear safety goggles, gloves, clothes. Avoid inhalation of dust and prolonged skin-contact. Wear NIOSH approved respirator near lime dust. Skin irritation may occur due to high alkalinity. This also makes lime unpalatable to mold. Rinse hands with vinegar or borax if desired. Borax in a rinse bucket can be helpful. Test for sensitivities before using. Dry hands are the most common result when gloves are not worn.

### 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.**

828-258-2580

Made By Earthpaint Inc. Asheville, NC 28806  
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Check out our other products at

**[www.earthpaint.net](http://www.earthpaint.net)**