

MARMORINO

INSTRUCTIONS

TECHNICAL DATA SHEET



SAFETY FIRST

KEEP OUT OF REACH OF CHILDREN. AVOID EYE CONTACT. SEEK IMMEDIATE MEDICAL ATTENTION IF INGESTED OR EXPOSED TO EYES. AVOID PROLONGED EXPOSURE TO SKIN. WEAR SAFETY GOGGLES AND GLOVES WHEN WORKING WITH PLASTER. WEAR OSHA APPROVED RESPIRATOR WHEN WORKING WITH DRY MIXES OR WHEN SANDING PLASTER. FOR MSDS (MATERIAL SAFETY DATA SHEET), VISIT WWW.VASARIPLASTER.COM

SI USTED NO PUEDE LEER ESTO, ENCONTRAR A ALGUIEN QUE PUEDA HACERLO

GENERAL

Marmorino plaster has a medium to smooth texture with low sheen / matte or can it be burnished to a high sheen if desired. It can be used on interiors as well as exteriors with Vasari Fortifier. It compliments both traditional and modern settings. Marmorino can be used on large scale areas replacing paint or can be applied on decorative areas. Marmorino is made with lime, powdered marble and crushed limestone. Color combinations and creative styles are unlimited. Vasari plasters are very environmentally friendly, healthy and its qualities will improve with time. Vasari's hypo-allergenic products will breath with your space absorbing moisture, absorb carbon dioxide and naturally prevent mold and mildew growth. It can be used in conjunction with our other products such as Carrera, Veneziano or Lime Paint. Marmorino should be applied in a minimum of 2 coats if applying over Vasari Mineral Primer or pre-existing latex paint or primer.

COVERAGE

5 gallons: 100-120 square feet per 2 coats
2 gallons: 40-40 square feet per 2 coats
1 quart: 4 square feet per 2 coats
Dry mix (makes 5 gallons): 100-120 square feet per 2 coats

SUITABLE APPLICABLE SURFACES

Apply Marmorino over substrates that are clean, cohesive, free of contamination and as follows:

Gypsum Drywall: (Interiors Only) Drywall should be taped and smoothed to a level 4 or higher finish in accordance with Gypsum Association's GA-214. Use only Mineral Primer or recommended latex or acrylic primers before applying Marmorino.

Existing painted substrates: Vasari Marmorino will adhere to previously existing painted surfaces as long as they are latex or acrylic (water based). We recommend scuffing the surface for better adhesion and wiping any dust before plaster application. Use Vasari Mineral Primer or recommended latex or acrylic primers before applying Marmorino if necessary.

Existing texture: Marmorino can be applied onto existing moderate texture such as orange peel or light skip trowel. Apply first coat to cover texture. Minor cracking might occur from excessive thickness, which is acceptable as long as there's no delamination or peeling.

Exterior application: Using Marmorino mixed with one bag of Vasari Plaster Fortifier, apply directly over painted surface, primed surface or cement stucco system. Vasari Mineral Sealer may be required to prevent potential patina if there is high exposure to water.

Shower application: Using Marmorino mixed with one bag of Vasari Plaster Fortifier, apply directly over Vasari Shower Basecoat or primed Thinset or cement. Use Mineral Sealer and wax to seal the plaster. *Consult 'Shower Instructions Technical Data Sheet' for more information on plastering showers.*

Preparatory work: Mask and protect adjacent surfaces and remove any dust from surface, especially after sanding. Mask about .5-1mm from adjacent surface or trim to allow for thickness of plaster.

Primer: Vasari Mineral Primer (see 'Mineral Primer tech data') or Latex or acrylic primer is required over gypsum board, wood and other substrates with uneven suction or moisture absorption. Allow primer to dry before plaster application.

APPLICATION

Marmorino can be applied in a matte sheen with minor movement and variation, or can be burnished to high polish.

1st coat: Using a trowel, apply thin to .5mm thick strokes on to the surface. First coat can be applied smooth or textured depending on desired look. The plaster can also be rolled or sprayed, and then back troweled. For a smoother finish, after the plaster has dried for 10-30 minutes, it can be flattened with a trowel. Allow at least 24 hours for first coat to completely dry.

2nd coat: Apply multiple thin or slightly textured passes. Apply each pass over the previous only when it has slightly set and is no longer tacky or wet. When the plaster dries to a clay like dryness, after a few minutes, the plaster can then be burnished, or compressed, thus polishing the wall. Keep a wet edge and terminate applications at natural divisions of surface such as control joints or corners.

3rd coat: This is an optional coat for extra smoothness, polish or more texture. If the second coat is smooth, multiple paper thin layers can be applied and highly burnished. (or left smooth and unpolished). Conversely, a third coat can achieve more texture if the 1st and 2nd coats are layered in a textured way.

Matte finish: On last the coat, apply multiple thin passes with the burnishing or compressing the material. As the plaster dries to a clay consistency, do not burnish the plaster. It's sometimes a good idea to lightly sand the surface with a soft abrasive material like a sanding sponge or 320+ sand paper for a softer suede like finish. This will also remove excess shine.

Polished finish: On the last coat, apply multiple thin coats with some minor texture. As the plaster dries to a clay like dryness, burnish plaster with edge of trowel obtaining a high marble like finish. Wax can be applied for an even higher polish.

Top coats: If desired, plaster can be finished with a sealer, wax or numerous decorative finishes depending on the desired look and required durability.

Lime Wash: Vasari Lime Paint can be thinned with water and applied in a thin if not translucent manner on top of Marmorino for subtle or dramatic decorative color finishes.

Colorants. Plaster can be tinted to almost any color with water based or dry pigments. Multiple colors can be applied simultaneously for more creative finishes.

SHELF LIFE & STORAGE

Do not store in direct sunlight and protect from extreme heat and cold. Store Vasari Plaster products in a cool, dry place. When properly stored, Vasari 'wet mix' plaster products' shelf life is 5 years from purchase date. Vasari 'dry mix' plaster products' shelf is 2 years from purchase date. Wet mixes should be stored with a generous layer of water on the top of the bucket as to not dry out the material. The plaster might slightly thicken over months and years depending on climate conditions and colorant. DO NOT FREEZE.

CARE AND MAINTENANCE

All Vasari products can be cleaned using water in most instances. Solvents such as paint or lacquer thinner and mild detergents can be used to remove stubborn stains. Do not use acidic cleaners or bleach.

Sealers: Sealers are optional depending on necessary water and resistance. Use Vasari Mineral Sealer for protection against dirt and stains. Do not use near salt water. Seal exteriors with Mineral Sealer to avoid water stains or patina.

DRY MIXES

Marmorino is sold in wet or dry mix form. Add plaster to clean water and mix with 1200rpm drill and a 30" paddle mixer until homogeneous paste consistency is reached. Use about 10 quarts of water for every bag of dry mix Marmorino. Use warm or hot water if you don't have a 1200rpm mixer.

Plaster will slightly thicken within a few hours or days to a more workable consistency if mixed too thin. Darker colors will require more tint making the plaster thinner, making thickening time longer.

ADDITIONAL INFORMATION

Flame Spread: ASTM E84, rating of 5; UBC Class I. NFPA Class A. Smoke development 0.

Sound: ASTM 423-07; SAA: 0.09; NRC: 0.10. ASTM 90-04; STC:31

Mold Resistance: 0% mold growth, per test results from procedure ASTM D3273-00

Incompatibility: Salt, chlorides, aluminum, hydrogen fluoride and inter-halogens.

Granulation Size Range: 75-150 µm (microns) / 0.15 -0.20 mm

Ph Factor: 11 Ph

VOC & LEED: 0-VOC's, Up to 8 LEED Point Certified. Yes, very green.

Hazardous: No known hazardous waste or by-product. No known hazardous decomposition of product or byproducts are known to have occurred.

Health Hazards: Do not ingest or inhale powdered materials for prolonged periods of time.

Acute gastric or bronchial irritation will result if ingested or inhaled. Consult your physician if condition worsens or if condition is lasting more than 6 hours.

Flash Point: None

Composition: Magnesium quality micro-filtered lime, powdered marble, crushed marble, particles of minerals and other

natural elements make up the composition of Marmorino. Additional small percentage organic additives and resins are included to help improve in the technical and application aspect of the product. Vasari Plaster Fortifier can be added for increased durability and water resistance.

Avoid: Avoid continual contact to the skin and avoid contact with the eyes.

Never add other paints or solvents.

Areas not recommended for Marmorino: Inside tubs, sinks, countertops and floors.

Dry Time @ 77 °F (25 °C) @ 50% RH – To Touch 24 hours – To re-coat 24 hours if necessary,

Dries by evaporation, coalescence

Marmorino weights and measures:

WET MIX 5 GALLONS 60 lbs. (26 kg.)

WET MIX 2 GALLONS 27 lbs. (11.5kg.)

DRY MIX (makes 5 gallons) 38lbs. (17.1kg.)

1 QUART 3LBS. (1.4kg.)

WARRANTY

Vasari expressly warrants Marmorino to be fit for the ordinary purpose for which they are intended for a period of 20 years for non-wet interiors installations, and 10 years for exteriors from date of installation when applied and used in accordance with manufacturer's instructions within six months of purchase.

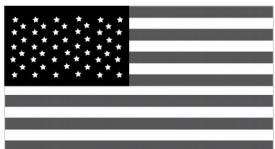
WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Carefully clean up with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead

For more technical information, application videos, MSDS, ASTM, LEED, creative design ideas and ordering materials visit WWW.VASARIPLASTER.COM.

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