

# MARMORINO plaster

## Product and Technical Data Sheet



**VASARI** LLC  
PLASTER & STUCCO

### 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](http://WWW.VASARIPLASTER.COM)

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

### GENERAL

Marmorino plaster can have a soft, silky finish with little sheen or can be burnished to a high polished shine. It can be used on interiors as well as exteriors with Vasari Additive. It complements both traditional and modern settings depending on how applied. Marmorino can be used on large scale areas replacing paint or can be applied on small scale decorative areas. Marmorino is made with lime and powdered marble and can be very durable. Color combinations and creative styles are unlimited. Our plasters are very environmentally friendly, healthy and its qualities will improve with time. Vasari's hypo-allergenic products will breathe with your home absorbing moisture and naturally prevent mold or mildew growth. It can be used in conjunction with our other products such as Carrera, Veneziano, Lime Wash and Stucco. Must be applied in a minimum of 2 coats.

### COVERAGE

5 gallons: 100-140 square feet per 2 coats  
2 gallons: 40-60 square feet per 2 coats  
1 quart: 14 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 Vasari Plaster 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 only Vasari Plaster 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 Additive, apply directly over Vasari Exterior Marmorino or Stucco. Sealer may be required. Consult Stucco technical data sheet for more information regarding exterior application.

**Shower application:** Using Marmorino mixed with one bag of Vasari Plaster Additive, apply directly over Vasari Stucco or primed cement. Use a sealer as a finish. Consult 'Shower plaster 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:** 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, unpolished sheen with minor movement and variation, or can be burnished to high marble-like polish.

**1<sup>st</sup> coat:** Using a trowel, apply paper thin to .5mm thick strokes on to 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 a few hours, it can be misted with water and flattened with a trowel. Allow at least 24 hours for first coat to completely dry.

**2<sup>nd</sup> coat:** Apply multiple paper 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, from a few seconds to 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.

**3<sup>rd</sup> coat:** This is an optional coat for extra smoothness or polish. 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 1<sup>st</sup> and 2<sup>nd</sup> 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 feel.

**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.

**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

Wet mixes will last indefinitely when stored correctly (see below). We recommend using dry mixes within 2 years of purchase.

### STORAGE

Wet mixes made for interior should be stored with a generous layer of water on the top as to not to dry the surface of the material. The plaster might slightly thicken over months and years depending on climate conditions and colorant. For long-term storage, thin the plaster with water and cover with a layer of water. 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. Natural sealers such as olive oil or coconut sealers soap can be used for general interior purposes, or synthetic penetrating sealers for higher water and stain resistance.

### DRY MIXES

Marmorino is sold in wet or dry mix form. Add plaster to clean water and mix with 900-1200rpm drill and a 30" paddle mixer until homogeneous paste consistency is reached. Typically about 11 quarts of water for every 42 lbs (1 bag) of dry mix Marmorino. Add small amount of water to mix before adding more powder for mixing. Use warm or hot water if you don't have a 900-1200rpm mixer. Strain the plaster after mixing with water in to another pail with provided strainer (recommended but not necessary). Plaster will slightly thicken within a few hours or a day to a more workable consistency if mixed too thin. Darker colors will require more tint making the plaster thinner, thus 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, 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 Additive and white Portland cement can be added for increased durability and water resistance. (2-4 quarts per 5 gallons)

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

**Areas not recommended for Marmorino:** Inside tubs, sinks, counter tops and floors. Consult with retailer or manufacturer if you wish to apply plaster in these areas.

### **WARRANTY**

Vasari expressly warrants its products 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 and shower stalls from date of installation when applied and used in accordance with manufacturer's instructions within six months of purchase.

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) 42lbs. (19kg.)

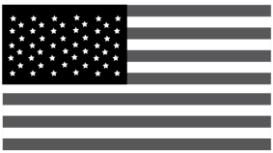
1 QUART 3LBS. (1.4kg.)

For more technical information, application videos, MSDS, ASTM, LEED, creative design ideas and ordering more material visit [WWW.VASARIPLASTER.COM](http://WWW.VASARIPLASTER.COM).

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