

# Stucco Plaster

## Product and Technical Data Sheet



### 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.

### GENERAL

Vasari Stucco is made with added coarse sand allowing lots of texture and depth. It is formulated for semi-exterior applications and areas where durability and water resistance are required. It can also be used for interiors.

### COVERAGE

5 gallons (wetmix): 220 sqft for 1 layer/ 110 sqft for 2 layers  
2.5 gallons (wetmix): 110 sqft for 1 layer/ 55 sqft for 2 layers  
1 gallon (wetmix): 44 sqft for 1 layer/ 22 sqft for 2 layers  
0.25 gallon (wetmix): 11 sqft for 1 layer/ 5.5 sqft for 2 layers

### SUITABLE APPLICABLE SURFACES

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

**Semi-Exterior application:** Vasari Stucco should be applied over Vasari's recommended base coat. Stucco can also be applied on top cement board, green board, blue board, magnesium board and other manufactured boards. Vasari Topcoat is recommended for Semi-Exterior application.

**Skim coated wall:** Vasari Stucco will adhere to skim coated surfaces. We recommend wiping any dust before plaster application for better adhesion. No paint is required. Use only Vasari Mineral Primer or recommended latex or acrylic primers before applying Stucco if necessary. Primer coat is recommended if the skim coated surfaces are found to be dusty or not in good condition.

**Existing painted substrates:** Vasari Stucco 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 Mineral Primer or recommended latex or acrylic primers before applying Stucco if necessary. Primer coat is recommended if the existing painted surfaces are oil-based or if the wall condition is found to be inferior (dusty, cracks, blister, peeling off).

**Gypsum Drywall:** We recommend wiping any dust before plaster application for better adhesion. Drywall should be taped and smoothed to a level 4 or higher finish in accordance with Gypsum Association's GA-214. Joints shall be properly concealed to provide a uniform surface and to minimize the possibility of joint photographing or structural crack later.

**Plywood or MDF board:** We recommend wiping any dust before plaster application for better adhesion. Joints shall be properly concealed to provide a uniform surface and to minimize the possibility of joint photographing or structural crack later. Solvent based sealer is recommended for plywood or MDF board to seal off the substrate.

**Existing texture:** Stucco 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.

**Preparatory work:** Mask and protect adjacent surfaces and remove any dust from surface, especially after sanding. Mask about 1/16<sup>th</sup> inch from adjacent surface or trim to allow for thickness of plaster.

**Primer:** Vasari approved Mineral Primer coat, latex or acrylic primer is required over gypsum board, wood and other substrates with uneven suction or moisture absorption for best result. Allow primer to dry before plaster application.

## APPLICATION

Stucco can be applied in a matte, more mottled with sandy/rough texture, or can be troweled to semi-smooth finish with minor movement and variation.

**1<sup>st</sup> coat:** Apply Vasari Stucco evenly. Stucco can be troweled or sprayed with appropriate pump and then back-troweled. Allow at least 1 day to cure.

**2<sup>nd</sup> coat:** Finish coat – trowel Vasari Stucco using two or more passes to the desired finish. Allow 1 day to dry.

**Mineral Sealer or Topcoat:** Applying Mineral Sealer or Topcoat in 2 layers will help to reduce watermarks and is recommended for better performance. After Stucco is plastered, apply Vasari Mineral Sealer using sponge onto the dry surface. Use cloth to buff and to wipe of excessive dripping solution. Alternatively, use roller to apply Vasari Topcoat. Let it dry for 24 hours.

**Optional Substrate Systems for Stucco:** Vasari Stucco can also be applied on cement-based materials, water based and alkali elastomeric primers, waterproof membrane barriers, anti-fracture membranes and pre-existing stucco. One or two coats of Vasari Stucco is necessary depending on substrate. Always test substrates and stucco compatibility before application, consult with a professional or contact Vasari.

**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. Stucco can be colored with liquid or powder tints.

## SHELF LIFE

Wet mixes will last indefinitely when stored correctly. We recommend using wet mixes within 2 years of purchase.

## STORAGE

Keep package tightly closed and at room temperature. Add 1/4" water to top of wet plaster to prevent drying out. When planning to store for longer than 6 months, we recommend mixing about 5% water to the plaster until it's slightly thinned out.

## CARE AND MAINTENANCE

All Vasari products can be cleaned using water in most instances. Solvents and mild detergents can be used to remove stubborn stains. Do not use acidic cleaners or bleach. Salts and chlorine can damage Stucco if not sealed or protected. Persistent water streaks can naturally weather Stucco and leave darker areas over time. Repeated water misting of Stucco will reduce weathering.

**Sealers or Topcoats:** Sealers and topcoats are optional depending on necessary water and stain 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. We recommend using Vasari Mineral Sealer or Vasari Topcoat.

## ADDITIONAL INFORMATION

- **Flame Spread:** ASTM E84, rating of 5; UBC Class I. NFPA Class A. Smoke development 0.
- **Mold Resistance:** Vasari Plasters are highly mold and mildew resistant, more so than paint, due to the high Ph of the lime that is the key component of the materials.
- **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 Stucco. Additional small percentage organic additives and resins are included to help improve in the technical and application aspect of the product.

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

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

**STUCCO WEIGHTS AND MEASURES:**

WET MIX 5 GALLONS 57 lbs. (~25.7 kg.)

WET MIX 2.5 GALLONS 28 lbs. (~12.9kg.)

For more technical information, application videos, MSDS, and creative design ideas visit [WWW.VASARIMALAYSIA.COM](http://WWW.VASARIMALAYSIA.COM).

**OFFICIAL DISTRIBUTOR OF VASARI IN MALAYSIA**

**CAO Industries Sdn Bhd**

**Vasari Malaysia HQ**

A-07, Emerald Avenue,  
Jalan PS11, Prima Selayang,  
68100 Selangor, Malaysia.

[info@vasarimalaysia.com](mailto:info@vasarimalaysia.com)