

Mineral Primer

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 LIME PAINT.

GENERAL

Mineral Primer is a low VOC lime-based primer specifically designed as a preliminary binder coat before lime-based plasters and lime paints for both interiors and exteriors. It can be applied on new drywall, water-based paint, cement and more. For walls and ceilings only. Not suitable for waterproofing or stain blocking.

COVERAGE

5 gallons (wetmix): 800 sqft for 2 coats
2.5 gallons (wetmix): 400 sqft for 2 coats
1 gallon (wetmix): 160 sqft for 2 coats
0.25 gallon (wetmix): 40 sqft for 2 coats

SUITABLE APPLICABLE SURFACES

New or previously painted drywall, composition board, concrete, plaster and other porous surfaces.

Apply Mineral Primer over substrates that are clean, cohesive and free of contamination. Surfaces to be painted must be clean, dry, and free of dirt, dust, grease, oil, soap, wax, scaling paint, water soluble materials and mildew.

Remove any peeling or scaling paint and sand these areas to feather edges smooth with adjacent surfaces. Glossy areas should be dulled. Drywall surfaces must be free of sanding dust. New plaster or masonry surfaces must be allowed to cure (30 days) before applying Mineral Primer. Cured plaster should be hard, have a slight sheen and maximum pH of 12; soft, porous or powdery plaster indicates improper cure.

Never sand a plaster surface; knife off any protrusions and prime plaster before and after applying patching compound. Poured or pre-cast concrete with a very smooth surface should be etched or abraded to promote adhesion, after removing all form release agents and curing compounds. Remove any powder or loose particles before priming.

Gypsum Drywall: Drywall should be taped and smoothed to a level 4 or higher finish in accordance with Gypsum Association's GA-214.

Existing painted substrates: Mineral Primer will adhere to existing painted surfaces as long as they are latex or acrylic.

Existing texture: Mineral Primer can be applied in a thick manner to hide most light textures. Minor cracking might occur from excessive thickness, which is acceptable as long as there's no delamination or peeling.

Exteriors: Primer can be used on exterior surfaces with existing cement or lime-based stucco, as well as cement and painted surfaces.

APPLICATION

Vasari Mineral Primer can be applied in 1-2 coats using roller or brush (or even sprayed). Apply Vasari Mineral Primer in 2 coats to ensure maximum hiding of the existing wall.

Preparatory work: Mask and protect adjacent surfaces and remove any dust from surface, especially after sanding. Mask about .5-1.5 mm from adjacent surface or trim to allow for thickness of Vasari plaster or Lime Paint. Protect surrounding surfaces with appropriate protection.

Using a roller: Using a ¼ to ½ inch roller nap, applying Mineral Primer evenly on the wall in 1-2 coats

Using a brush: Apply Mineral Primer with a nylon, polyester or animal hair brush in 1-2 coats, especially for tight corners.

Spraying: Apply the sealer with airless spray (pressure 1500-2500 psi, tip: 0.21) and back roll it with a roller.

Mineral Primer is thicker than most primers. It can be applied in a standard paint thickness or applied in a heavier, thicker fashion to hide textural imperfections or to create subtle texture. **THOROUGHLY AND EVENLY COVER ENTIRE SURFACE.** Lack of complete coverage can cause delamination or discoloration on finish coats.

SHELF LIFE AND STORAGE

Do not store in direct sunlight and protect from extreme heat and cold. Store Vasari Mineral Primer in a cool, dry place. When properly stored, Vasari Primer shelf life is 1 year from purchase date. **DO NOT FREEZE.** If frozen, allow 48 hours to that and mix before application.

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.
- **Ph Factor:** 7.5 Ph
- **VOC & LEED:** 0-VOC's, Up to 8 LEED Point Certified.

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, protect eyes and skin. 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

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

Areas not recommended for Mineral Primer: Floors and counter tops. Not for waterproofing or stain blocking.

MINERAL PRIMER WEIGHTS AND MEASURES:

WET MIX 5 GALLONS 53 lbs. (~24 kg.)

WET MIX 2.5 GALLONS 26.5 lbs. (~12kg.)

For more technical information, application videos, MSDS, ASTM, and creative design ideas visit WWW.VASARIMALAYSIA.COM.

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