

Mineral Sealer

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 Sealer is a zero odour, zero VOC water resistant natural sealer specifically designed as a protective coat on lime-based plasters and lime paints for interior and semi-exterior use. Mineral Sealer will give high water resistance and stain blocking properties while still being breathable. It will release excess moisture from the finish coating or substrate without bubbling or peeling.

For walls and ceilings only. Not suitable for complete waterproofing, only high resistance. Use Vasari Wax in on top of Mineral Sealer for further moisture resistance, such as in showers.

COVERAGE

5 gallons (wetmix): 1500 sqft for 2 coats
2.5 gallons (wetmix): 750 sqft for 2 coats
1 gallon (wetmix): 300 sqft for 2 coats
0.25 gallon (wetmix): 75 sqft for 2 coats

SUITABLE APPLICABLE SURFACES

Mineral Sealer is an all-natural, odourless, zero VOC traditional penetrating sealer for use on lime and gypsum-based finish coatings for water, dirt and stain resistance for interiors and semi-exterior. It's also used as a preliminary sealer in showers before wax application. Sealer might leave minimal sheen and might slightly deepen color. Mineral Sealer is also a must for dark color colors, such as reds and black. It will block any extra dark tint from potentially rubbing off.

Interiors: All interior wall and ceiling surfaces.

Semi-exterior: Mineral sealer can be used on semi-exterior lime based and gypsum surfaces with existing cement or lime-based stucco.

APPLICATION

Vasari Mineral Sealer can be applied in 2 coats using large sponge or dry rag (or even sprayed). Apply Vasari Mineral Sealer in 2 coats continuous coats (one right after another) to ensure maximum protection. Wipe off drips as they form.

Using a sponge: Wipe it on as you're washing a wall. The plaster or lime paint will quickly absorb the sealer at which time a second coat or pass of sealer is recommended. Buff out the sealer when the second coat begins to dry. Use a dry rag or dry sponge to buff out any excess sealer or suds.

Spraying: Apply the sealer with airless spray (pressure 300 psi, tip: 0.015-0.019) and back wipe it with a dry rag or sponge. Apply twice, one coat after the other.

Showers: Use ample amount of sealer (2-3 coats) on shower walls. We highly recommend Vasari Wax (2-3 coats) after the sealer for plastering a shower (or Tadelakt).

White haze from excessive application: On darker colors, the mineral sealer might dry as a white cloudy area if it is excessively applied or not immediately buffed after application. If this occurs, you can usually rub it off with a damp cloth. You can also use a heat gun by warming the area in question and buffing out any whiteness. You can also add more sealer onto the area in question, and buff out.

SHELF LIFE AND STORAGE

Mineral Sealer can be stored indefinitely. DO NOT FREEZE. Allow 48 hours to thaw before using. Stir well before using.

RE-APPLYING LIME PAINT OR PLASTER OVER SEALER

If Lime Paint or Plaster needs to be re-applied after the sealer has been applied, scuff the walls with 120 to 220 grit sandpaper to create 'tooth' on the surface for new material to adhere. Thoroughly wipe off any dust prior to application. Apply two coats of plaster for re-application. Re-seal if necessary.

CARE AND MAINTENANCE

Re-apply Mineral Sealer if visible water penetration occurs or if more protection against dirt and water is required. In normal dry conditions, Mineral Sealer will not degrade or change color and should maintain its sealing properties indefinitely.

ENVIRONMENTAL PROS & CONS OF MINERAL SEALER

Lime Paint or Plaster is a natural mildewcide, naturally absorbs carbon dioxide, filters air and naturally absorbs excess humidity. There's literally nothing like it when it comes pro-active environmental and health on the space. When a lime coating is sealed, much of these qualities will disappear, even though the sealer is all natural and partially breathable. If the walls are left unsealed, they are better environmentally, but will be more prone to stains, especially with heavy water. Moderate dirt scuff marks are easy to remove without sealer.

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:** 5% mold growth, per test results from procedure ASTM D3273-00
- **Incompatibility:** Acids and acidic products (hot sauce for example)
- **Ph Factor:** 8 Ph
- **VOC & LEED:** 0-VOC's, Up to 9 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 Sealer: Water vessels, floors, counter tops.

MINERAL SEALER WEIGHTS AND MEASURES:

WET MIX 5 GALLONS 45 lbs. (~20 kg.)

WET MIX 2.5 GALLONS 22.5 lbs. (~10kg.)

For more technical information, application videos, MSDS, ASTM, and creative design ideas visit 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