

MicroPrimer™ “Waterbased Penetrating Lime Primer”. Fine

This consolidating micro acrylic insulator is a primer for internal and external use, and is composed of water soluble acrylic resin. Due to its very fine particles, 0.003 micron, this special primer permits the primer to be absorbed into the surface, creating a bond between the wall and the finish product you choose to apply. It's used as primer for all lime products especially plasters and lime paint.

MicroPrimer™ is excellent for application on concrete, stucco, plaster, asbestos cement or drywall allowing for a bond between the finish products and the substrate. It is particularly indicated for use on walls that have been painted with emulsion or enameled paints.

Texture

MicroPrimer™ is smooth and fine to the touch and applied by brush or roller and then smoothed out with a trowel. We suggest our products are always applied to a clean dry surface that has been properly prepared taped off and ready for application. Never apply product over dirt, sand or sawdust or over any foreign matter. FirmoLux™ offers Anchor Primer™ as an alternative to Micro Primer™. Due to its strong bonding abilities and concentration, this product can be diluted with clean water by 20-30% depending on the substrate. Allow product to dry overnight or at least 12-14 hours or more depending on weather and surface condition.

For particular difficult surfaces or in cases where water penetration and absorption is an issue, this vinyl primer when applied before our product will offer a little more assurance of a good application. FirmoLux carries a complete line of waxes and sealers for almost any situation.

Color: Product comes natural white. Can be tinted to match any color desired.

VOC & LEED: 0-VOC's, 1-LEED Point Certified or more depending on other products used with it.

Benefits of Product: Like most lime based products, this product will prevent the growth of mold and mildew. Over a period of time, carbonation of the lime with the carbon dioxide from the atmosphere will bring this product back to its natural state which is limestone and marble.

Dilution: Fine to medium density putty ready to use after stirring well. Experienced applicators have been known to mix with other FirmoLux Products to create other effects.

Ph Factor: 13 ph

Granulation Size Range: .03 microns / .03 mm

Flash Point: None

Packaging: 1kg- 20 Kg, Quarts to 5-Gallon size buckets. Samples available!

Composition: Composed of water soluble acrylic resin with micro crushed lime and marble.

Product Stability: Extremely stable

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

Incompatibility: Hydrogen fluoride and inter-halogens.

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

Health Hazards: Do not ingest. Do not inhale product for prolonged periods. 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.

Precautions: For ingestion, drink water. In the event you get this substance in your eyes, flush with clean fresh water, avoid rubbing and consult a physician if prolonged irritation continues.

Safe Handling of Product: Always wash hands after handling products and especially before ingesting food. This is a natural non-hazardous bio-degradable product so if product spills occur, absorb with shovel or rags and safely dispose of in any construction material collector.

Application Yields: As stated below:

MicroPrimer™ (Fine)		
No of Coats	400 Ft²	1000 Ft²
Smooth New Substrate / 1 Coat	8 Kg	20 Kg
Smooth Substrate 25% Diluted 1-Coat	6 Kg	15 Kg
Porous Rough Surface / 1-Coat	10 Kg	25 Kg
(1 Kg = 1 Quart) (4 Kg = 1 Gal) (8 Kg = 2 Gal) (20 Kg = 5 Gal)		
please note: estimates vary depending on wall and application technique		

PLEASE NOTE:

The coverage you achieve is affected by the experience of the applicator, application textures/technique, waste, substrate condition and material, as well as weather or environment at the time of application. These yields suggested in the above diagram are to be used as a guide. We suggest consulting FirmoLux™ if a more accurate specification is necessary.

Application Suggestions

- Prepare the surfaces.
 - Over painted surface, control the old paint so that it's fixed, clean and dry, removing any debris from the wall.
 - Eliminate all traces of oil or fat.
 - Consolidate or plaster any irregular parts of the surface that is not flat and ready for final application.
 - Clean and eliminate any dust or construction residue, wipe down surfaces and tape off and prepare wall for application.
- Depending on personal preferences and quality of the substrate, you can dilute this product from 1:1 – 1:3. Once diluted, mix carefully.
- For particularly porous substrate material, we suggest to apply the product in a more concentrated form.
 - Protect from rain on exteriors after application, and keep area clean and dust free during the drying cycle.
- Apply using a long brush or roller. (Clean brushes immediately after use).
- Wait 24 hours or longer for product to dry (depending on weather conditions) before applying lime paint or plaster.
- Never apply the product at a temperature lower than 10°C/50°F or on wet surfaces.
- Do not apply to metal surfaces.