



TECHNICAL DATA SHEET

LIME SLURRY ADDITIVE

INTERIOR/EXTERIOR MINERAL TEXTURE ADDITIVE FOR LIMEWASH

1. PRODUCT DESCRIPTION

Lime Slurry Additive is a powdery mineral texture filler/additive for limewash applications where surface filling and a texture are desired. Contains naturally occurring mineral-based grains in various sizes and shapes in a well-balanced composition that will not diminish the quality or integrity of KEIM Limewash.

2. FIELD OF APPLICATION

Uniquely formulated to be added to KEIM Limewash to create a heavy bodied, structured, and textured finish. Use in fully opaque applications outdoors or indoors. For all types of masonry; brick, cmu, stone, stucco, plaster, and interior drywall. Limewash may require a primer (see TDS).

3. PRODUCT PROPERTIES

Pure mineral filler is added to KEIM Limewash to create a thicker, more heavy-bodied lime finish to fill-in masonry surfaces for a more monolithic appearance.

- Purely mineral will not alter the chemistry of KEIM Limewash
- Ideal to hide structural irregularities and fill-in mortar joints in brick masonry
- Creates a high filling finish that can be built up into layers up to 1/8"
- Adds a slight sanded texture to KEIM Limewash
- Alters the color of KEIM Limewash slightly (darkens light colors and may wash-out darker colors)



Example of KEIM Limewash mixed with Lime Slurry applied to a brick surface. Note that the slurry thickened Limewash fills in mortar joints and has a slight sandy texture.

Color

Light gray to neutral

Lime Slurry must be added to various shades of KEIM Limewash.

Sheen

Mineral matte flat to chalky finish

NOTE: Limewash is typical of lime paints and washes and may be variable in color uniformity, from batch to batch and due to prevailing atmospheric conditions, especially humidity and porosity variations of the substrate. Both color and physical properties may be impacted by environmental factors. Always buy enough colored Limewash for your

TECHNICAL DATA SHEET – LIME SLURRY

entire project to ensure the color is as consistent as possible.

Environmental Compliance

EPA	YES
LEED	YES
CARB	YES
SCAQMD	YES

VOC: zero VOC

4. SURFACE PREPARATION

The substrate must be dry, sound, free from chalking, clean and dust-free. Loose or peeling existing coatings must be removed mechanically or by high-pressure washing. Defective areas must be filled and texture-matched using a suitable repair material. New stucco should be cured properly and pretreated with Keim Lime Remover

Previously Painted Surfaces

Use of a mineral primer is required to prepare previously painted surface for Limewash application. Limewash must be applied to a porous surface. Use KEIM Exterior Mineral Bonding Primer or KEIM Interior Mineral Primer to prepare prepped painted surfaces for Limewash finishing.

Mixing

Stir KEIM Limewash before mixing with an electric drill and paddle attachment. Transfer Limewash to a larger container. Add Lime Slurry and remix until slurry is completely incorporated into Limewash. It is not recommended to stir by hand.

Mix Slurry Ratio

Start by adding 2 quarts of slurry to each gallon of Limewash. If the desired mixture is too thin add another quart of slurry and remix. If the mixture is too thick, dilute with small amounts of clean water until the mixture is workable. Do not overthin the mixture.

NOTE: The amount of Slurry added to Limewash is determined by the individual applicator, their skill level, ambient conditions, and the desired outcome.

5. APPLICATION

Application conditions

Ambient and substrate temperature: 41°F and rising and below 86°F. Do not apply in direct sunlight or onto sun-heated substrates. Protect coated surfaces from rain during and after application for a minimum of 12 hours and up to 48 hours. Limewash is reversible with water until fully dried through.

Dampen Bare Masonry Surfaces

Dampen unpainted brick or masonry surface with water from a garden hose. Surface should be damp, but not saturated or dripping. Keep surface damp, especially in high heat and low humidity. The moist surface's capillary action helps the Limewash penetrate the masonry surfaces.

Solid Color Application

Apply Limewash Slurry mixture with a large masonry brush working horizontally along mortar lines. Work Limewash into joints and fill-in as much of the joint as desired. Also, may be applied with a steel trowel, working from the bottom of the wall towards the roofline and then finished with masonry brush working horizontally across the surface. Allow to dry overnight and apply a second coat of Limewash mixture if additional "filling" or a more monolithic appearance is desired. A third coat may be applied for even more complete filling and leveling of masonry.

NOTE: This technique yields a full-coverage opaque finish known as "Kalei" in the Netherlands.

Distressed/Antique Application

Limewash mixture may also be applied in a broken-color technique allowing areas of bare brick to show through. Apply Limewash mixed with slurry per the methods above allowing random areas of brick to remain uncoated. Allow it to dry overnight and repeat the process if desired. This technique is sometimes called a "distressed" or "German schmear".

Limewash mixed with Slurry does not lend itself to wash techniques.

KEIM Limewash mixed with slurry is not suitable for application by roller or spray application.

TECHNICAL DATA SHEET – LIME SLURRY

Drying times

Drying times are temperature, humidity, and coverage dependent.

	@ 40-50°F	@ 50°F +
Touch:	4--6 hour	2--4 hours
Recoat:	24--48 hours	12--24 hours

Limewash mixed with Slurry will achieve final cure in approximately 21 days and may be reversible during the first 24-48 hours if washed or rained on.

Coverage

Coverage is variable and highly dependent on the application skill, methods used and mixing ratio. Limewash and Slurry mixture will cover approximately 50—100 SF/gallon in a single, full-coverage coat. Coverage may be greater on very smooth surfaces or drywall.

Cleaning

Clean spills, spatters, hands, and tools immediately after use with soap and warm water. Do not allow Limewash to dry onto glass, ceramic, stone, or other mineral surfaces as it will be difficult to clean once dry.

Mixing with other products

Do not mix Lime Slurry with other products.

6. PACKAGING

20 kg (44 lbs.) in a steel pail

7. STORAGE

Approximately 12 months in tightly closed container under cool, frost-free conditions. Protect from heat and direct sunlight and freezing.

8. DISPOSAL

Dispose of completely emptied containers in accordance with local, state, and federal waste regulations.

HAZARDOUS SUBSTANCE CLASS

n/a

9. SAFETY INSTRUCTIONS

Limewash and Lime Slurry is alkaline. Cover all areas which are not to be coated, especially glass, ceramics, concrete and natural stone. Wear protective clothing and gloves. Protect eyes and skin from splashes. Prolonged skin exposure may result in mild irritation and may require medical assistance. Do not swallow.

Keep out of reach of children.

Refer to the relevant safety data sheets.

The stated values and properties are the result of extensive development work and practical experience. Our recommendations for application, whether given verbally or in writing, are intended to aid in the selection of our products and do not establish a contractual relationship. They do not release those purchasing and applying our products from the duty of establishing for themselves, with due care, the suitability of our products for the intended application. Standard building industry practices must be complied with. We retain the right to make modifications to improve the products or their application. This edition supersedes all earlier editions.