

OLD WORLD EUROPEAN LIMEWASH

Product Data Sheet

Description and Use

US Heritage Group's handmade Traditional Limewash is a breathable shelter coat that is ideal for historic masonry that requires a vapor permeable finish. Water is the vehicle for limewash; the viscosity is slightly thicker than that of water, causing it to absorb into material in the same fashion as a stain. As the water is absorbed into the substrate and evaporates, the lime is deposited on the surface to color and protect. Lime wash can be applied to any material that is capable of absorbing water, such as brick, wood, stone, plaster, and concrete. This quality prevents it from being applied to materials that have been previously sealed or waterproofed.

The combination of a "breathable" stucco or plaster finish, and limewash coating is most appropriate for historic masonry or the construction of a new home, made to look traditional. When ordering, we suggest that you first purchase a small one-quart sample of your preferred color, the white wash base coat, and apply it to the substrate. Please follow the application instructions. Please make your decision 24 hours after the material has been applied to the wall, which gives the limewash sufficient time to cure.

They can be applied to a variety of surfaces including brick, stone, plaster, and even wood. U.S. Heritage Group can also provide traditional lime stucco or plaster to suit your project requirements.

Features and Benefits

- Authentic product formulation ensures compatibility with historic masonry units and mortar.
- Standard color selection facilitates quick, convenient installation.
- Custom-matched colors produce unbelievable visual accuracy.
- USHG provides unmatched product and project support, for one pail or hundreds, to ensure excellent results for every installation.

Sales, Product and Project Support

US Heritage Group supports, sells and ships all products directly to ensure we consistently deliver the highest quality results possible. Contact USHG for a variety of support services:

- Specifier education
- Project-specific technical advice
- Specification guides and support
- Custom color and aggregate matching
- Installation guides and training

Packaging and Coverage

1 quart sample jar	50 ft ² for 1 coat
1-gallon plastic pail (12 lbs.)	200 ft ² for 1 coat
3.5-gallon plastic pail (28 lbs.)	700 ft ² for 1 coat
1-gallon concentrate (12 lbs.)	1000 ft ² for 1 coat

See USHG **Installer Guide to Products and Services** for unit coverage and cost estimations

Limited Warranty

U.S. Heritage Group, Inc. warrants this product to be of merchantable quality when used or applied in accordance with the manufacturer's instructions. This product is not warranted as suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is LIMITED to the replacement of the product (as purchased) found to be defective, or at the shipping companies' option, to refund the purchase price. In the event of a claim under this warranty, notice must be given in writing to U.S. Heritage Group, Inc., 3516 North Kostner Ave., Chicago, IL 60641. THIS LIMITED WARRANTY IS ISSUED AND ACCEPTED IN LIEU OF ALL OTHER EXPRESSED WARRANTIES AND EXPRESSLY EXCLUDES LIABILITY FOR CONSEQUENTIAL DAMAGES.

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Surface Preparation

Successful installation relies on proper surface preparation that involves careful evaluation and cleaning of surface to be limewashed. Contact USHG or additional surface preparation details or advice about project-specific issues.

1. Clean surface as needed to remove soiling, efflorescence, coatings, etc.
2. Clean surfaces to remove all dust and debris.
3. Dampen substrate to surface-saturated dry condition
4. Protect installation area from rain, sun, high winds, and extreme hot and cold temperatures before, during and after limewashing.

Mixing Instructions

Pre-mixed (not concentrate)

Old World European Limewash ships pre-blended and pre-mixed but can settle out during transportation and storage. Limewash should be mixed just prior to use, by hand using a mixing stick. Mechanical mixing can be accomplished by paddle drill. Always mix from bottom of container.

1. Mix material immediately prior to application until it achieves a homogenous consistency.
2. Check the limewash often during application and remix it whenever it starts to separate.

Concentrate

Old World European Limewash ships pre-blended without water added. Limewash should be mixed with water just prior to use, by hand using a mixing stick. Mechanical mixing can be accomplished by paddle drill. Always mix from bottom of container.

1. Add limewash concentrate to potable water:
By 1 gallon container: 1 pail concentrate to 4 gallons water
By weight: 2 lbs concentrate to 8.3 lbs (gallon) of water.
By volume (approx.): 1 part concentrate to 4 parts potable water
2. Mix material immediately prior to application until it achieves a homogenous consistency.
3. Check the limewash often during application and remix it whenever it starts to settle.

Equipment

Old World European Limewash can be applied with a brush or sprayer

1. When applying with a brush, the brush should be a stiff bristle block brush with a rough textured bristle surface. Do not use a limewash brush for paint application, as residual lime may react with paint and cause material failure.
2. When applying with a sprayer, a manual hand pump sprayer should be used. Do not use a power sprayer for limewash application

Application

Old World European Limewash should be applied in very thin coats.

Brush Application

1. Apply limewash to the surface using short strokes while keeping the brush perpendicular to the wall.
2. Work the limewash into any nooks or cracks in the surface with the brush before moving onto the next area.
3. Once the limewash coat is complete, allow 24 hours for curing before applying the next coat.

Pump Sprayer Application

1. Apply limewash to the surface by spraying a thin even coat across the wall area.
2. Once the limewash coat is complete, allow 24 hours for curing before applying the next coat

Curing

Old World European Limewash should be protected from flash drying during the first 24 hours after application. Direct sunlight and strong winds should be avoided. Fresh limewash should be protected from temperatures over 90°F. Once curing is completed, excess limewash may chalk off when rubbed or washed. This is normal and should not be a cause of concern unless the rubbing exposes the substrate underneath.

Storage and Shelf life

Save any unused material and return it to the original shipping bucket. Protect from freezing, extreme heat and direct sunlight. This material can be kept indefinitely if damp condition is maintained. Inspect and remix every 3 months adding water as needed. Dispose of containers with any material that has dried.