



Lancaster Lime Works
NATURAL LIME FOR PRESERVATION AND BUILDING

Lime Putty Mortar

Product Name: All Pre-mixed Lime Putty Mortars from Lancaster Lime Works

Manufacturer:

Lancaster Lime Works
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Product Description:

Lancaster Lime Works Lime Putty Mortars are a non-hydraulic, pre-mixed lime-sand mortar. It is made by mixing our high-calcium, carbonating lime putty with properly graded, quarried sand. The putty is aged for at least one month in the bucket with the surface covered with water to prevent premature carbonation. It will keep like this indefinitely as long as carbon dioxide is excluded.

Designed to replicate historic lime-sand mortars, it reduces the absorption of water by masonry units, and allows rapid escape of moisture. With high plasticity/workability it forms a strong bond with masonry units and ensures joints of excellent tensile and compressive strength.

The sand is carefully graded and meets ASTM C-33.

Basic Use:

Lancaster Lime Works Lime Putty Mortar is excellent for laying and repointing a wide variety of brick and stone, providing excellent strength, durability, breathability, and flexibility. It is especially suitable for very porous and soft masonry units.

Lime Putty Mortar must be applied to thoroughly dampened masonry for successful curing. Curing occurs when mortar slowly dries out over 48+ hours, and applying to dry masonry or any porous substrate without dampening could lead to flash drying and mortar failure. Protect installed mortar from drying heat and winds and frost. Allow 2 weeks of warm weather conditions (above 40 deg F.) for proper curing.

Mortar should be re-mixed in the bucket or in a vertical shaft mixer for 5-10 minutes just prior to each use to provide correct workability. Water should not need to be added, and surface water should be removed and saved for reuse before mixing. Over-wetting the mortar will lead to voids in the joints that compromise structural integrity.

This is a non-hydraulic mortar, and installers should thoroughly familiarize themselves with the LLW Installation Guide, which can be found on the website.



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Lime Putty Mortar can also be used for lime stucco base coat. See website for additional stucco instructions.

Lancaster Lime Works Lime Putty Mortar is packaged in 5 gallon plastic pails with lids. A small layer of water is placed on the top of the mortar in the pail at time of manufacture to keep carbon dioxide out. This should be removed before mixing and saved for reuse.

Compatible with Lancaster Lime Works Limewash for topcoat application.

Limitations:

Alkali-stable pigments and our pozzolan can be added. Other additives not approved by LLW should not be used. Installations should not be waterproofed or sealed in any way. Not recommended for below-grade exterior applications, or for locations that are constantly wet. Cleaning should be done with very weak acids (such as white vinegar), being careful to rinse masonry with clean water before and after. Cleaning with acid degrades surface lime and leaves behind salts which can later cause efflorescence.

Contractors are responsible for ensuring that installers are properly trained in the correct application of the product. Training is offered by LLW.

Technical Data and Services:

Available upon request. Call our offices at 717.207.7014.

Safety/Health:

Refer to SDS for safety information. Caustic. Wear eye and skin protection at all times when handling.