



Lancaster Lime Works
NATURAL LIME FOR PRESERVATION AND BUILDING

Lime Putty Finish Plaster for Tadelakt

Product Name: Lime Putty Finish Plaster

Manufacturer:

Lancaster Lime Works
1251 Beaver Valley Pike
Willow Street, PA 17584
717.207.7014
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Product Description:

Lancaster Lime Works Lime Putty Finish Plaster for Tadelakt is a non-hydraulic, pre-mixed Tadelakt. It is made by mixing our high-calcium (98% +), High PH (12+), carbonating, high surface area, low-magnesium, (slaked) lime putty (calcium hydroxide) with fine marble dust at the correct ratio.

Designed as a 100% natural Tadelakt when finished properly with black soap.

This is a non-hydraulic Tadelakt that contains no methyl cellulose, gum binders, PVA's, latex, gypsum or any other component other than specialty lime, marble dust and water.

Basic Use:

Lancaster Lime Works Lime Putty Tadelakt is excellent for application over our lime stucco/plaster base coat or properly prepared porous substrates, providing excellent strength, durability, water-resistance, and flexibility.

Natural Lime Tadelakt has three main requirements for it to adhere. These are:

1 A solid/strong surface

2 A porous surface

3 A textured surface

Plaster should be re-mixed/knocked-up in the bucket using an egg beater type drill mixer or in a vertical shaft mixer for 5-10 minutes just prior to each use to provide correct workability.

For successful curing and adhesion Lime Putty Tadelakt must be applied to a structurally solid/firm, sandy/textured and porous background that has been thoroughly dampened. Add the black soap after the Tadelakt has become thumb-print hard but before it has dried/carbonated. Work and polish the black soap into the Tadelakt using a hard and smooth Tadelakt stone.

The black soap reacts with the still fresh lime and creates a natural wax which in turn gives the plaster its waterproof characteristics.

Applying the Tadelakt to a dry substrate without dampening will lead to flash drying and plaster failure. Protect installed plaster from drying heat and winds and frost. Allow 2 weeks of warm weather conditions (above 40 deg F.) for proper curing.



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Installers should perform practice area mock-ups to thoroughly familiarize themselves with Tadelakt installation methods, thoroughly understand 100% lime plasters and read the LLW Plaster Installation Guide (which can be found on the website) are absolutely necessary for successful installations.

Lancaster Lime Works Lime Putty Plaster Finish Coat is packaged in 5 gallon and 1 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.

Depending on the installation technique and desired color, any of our pigments can be added to the Tadelakt before installation.

Hint: When using over cement board or drywall, a layer of thinset can be applied and rubbed down with a wood float before it sets. The thinset can provide the sandy/textured and porous surface for this Tadelakt to adhere onto.

Limitations:

Additives other than oxide pigments should not be used. Installations should not be waterproofed or sealed in any way. Not recommended for below-grade exterior applications. Cleaning should be done with a solution of black soap and water. Do not use acid. Cleaning with acid degrades surface lime and leaves behind salts which can later cause efflorescence.

There are no "glues" in our premixed plasters, therefore following the installation instructions is the key for successful installations.

Customers and owners are responsible for ensuring that installers are properly trained in the correct application of the product. Training is offered by LLW. Using 100% natural products is a fun centuries old adventure!

There is not really a wrong way to do it, unless it fails or you don't like it. Our commitment, at Lancaster Lime Works is to only use all natural materials. And to assist in your lime plaster success!

Technical Data and Services:

Available upon request. Call our offices at 717.207.7014.

Safety/Health:

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