

## LIMESTRONG BUILD™

HIGH PERFORMANCE POZZOLAN + LIME

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# Limestone Build™ Finishes

**DESCRIPTION.** Limestone Build (LSB) Finish Plasters are Pozzolanic Hydrated Lime (PHL) plasters developed to be applied as the final thin finish coat in a typical three-coat lime plaster rendering.

The Limestone Build Finish plasters are packaged ready-to-mix and are available in three types: LSB Coarse Finish, LSB Fine Finish, and LSB Interior Finish.

Limestone Build was developed for new construction (especially on breathable, non-typical building materials like adobe, strawbale, hempcrete) as well as restoration and renovation projects.

**FEATURES.** All natural product made from high-purity lime and high-performance white pumice pozzolan. When mixed as instructed for the recommended minimum amount of time, the lime plaster spreads on quickly and smoothly. Limestone lime plasters contain no Portland cement, so have a liberal working window. Mixed mud can be stored covered (air-tight) and retempered for reuse for 3-to-5 days.

**PURPOSE.** Limestone Build Finish plasters were developed for use as the final finish coat in a typical 3-coat plaster render—providing batch-to-batch predictability for achieving a consistent finish texture and color (optional) across the entire wall.

**PACKAGING.** LSB Finish plasters come packaged in 32-pound bags. The three finish plaster types are all-in-products, complete with graded, lightweight aggregates.

**COLOR.** Natural white. Limestone Build Finish plasters are designed to be used with the Limestone Color System<sup>1</sup>, but can be colored using any liquid or powdered pigments. Finish plasters are sized to make one bucket batch, greatly improving the process of mixing consistent color batch to batch. Always make color sample boards and practice panels to work out final color and finish texture.

**COVERAGE.** Coverage will vary depending on Finish type used—see sidebar, right. The calculators at [limestonebuild.com/calculators.html](http://limestonebuild.com/calculators.html) will help determine total finish plaster needed per job.

**INSTALLATION/APPLICATION.** Limestone Build plaster products are backed by an extensive online knowledge base containing detailed instructions on the preparation, mixing, application, and curing processes. For an overview of the entire use process, see the LSB publication: **Using Limestone Build Finish Plasters**. Download at [limestonebuild.com/instruction-use-guides.html](http://limestonebuild.com/instruction-use-guides.html). Please read and understand the published instructions thoroughly before use. We also strongly recommend the use of practice panels for those who are new to lime plaster.



Applying the second thin coat of LSB Interior Finish over drywall.

## Finish Plaster Types

### LSB COARSE FINISH

For interior or exterior use as a finish coat over lime plaster base coats. Not for use over drywall. Use when a **deeper, rough-textured finish** is desired. At maximum application thickness of 1/4", coverage is approximately 50 square feet per bag/batch.

### LSB FINE FINISH

For interior or exterior use as a finish coat over lime plaster base coats. Not for use over drywall. Use when a **slightly-textured to smooth finish** is desired. At maximum application thickness of 1/8", coverage is approximately 80–100 square feet per bag/batch.

### LSB INTERIOR FINISH

For interior use only. Can be applied directly to properly prepared, primed drywall (as well as lime-plaster base coats, which facilitates a uniform-finish look over combined drywall and plaster interiors). LSB Interior Finish is typically applied in two thin coats when used over drywall. At maximum application thickness of 1/8" (two 1/16" coats), coverage is approximately 80–100 square feet per bag/batch.

1 • See [LimestoneBuild.com](http://LimestoneBuild.com) website for Limestone Color System information, including our 21-color standard color palette, instructions on developing your own custom color, and the details on the Limestone Color Lab—our custom color development service.

**SUBSTRATES.** Limestrong Build (LSB) COARSE and FINE FINISH plasters are typically applied as the final finish coat over lime plaster scratch and leveling base coats, but can also be applied directly to select porous (absorbent) substrates that have enough of a surface texture to form a mechanical bond to the plaster. Applicable substrates include unsealed/unpainted lime plaster, gypsum plaster, cement plaster/stuccos, masonry, poured concrete (remove all traces of form release agents), and properly prepared cement backer board. Limestrong Fortifier can be used in situations where texture is inadequate or absorption capacity is limited to enhance bond.

LSB INTERIOR FINISH can be applied directly to drywall. The drywall must be properly prepared—taped, coated flat, sanded, and brought to (at least) a level-three quality finish. New drywall must be primed with a high quality latex based or PVA primer mixed with a grit to add a subtle roughness, or tooth. Limestrong Build sells a primer grit product to meet this requirement. Previously painted drywall (in most cases) can be covered with LSB Interior Finish after all gouges, nail pops and other damaged areas are filled and smoothed and a gritted primer has been applied over the entire surface. LSB Interior Finish is also suitable for use over an interior lime-plaster base coat.

**FINISH TEXTURES.** LSB FINE and INTERIOR Finish plasters are both fine-grain aggregate plasters, best suited for thin-coat applications using a slightly-textured-to-smooth final finish. COARSE Finish, applied thicker, contains larger aggregate and allows for creating a deeper, rougher-textured finish. Instruction for creating finish textures is found in the LSB publication: **Lime Plaster Application Guide**.

**HEALTH AND SAFETY.** Read and follow the Safety Data Sheet (SDS) and the mixing and application guidelines prior to use. Use only as directed. SDS and the Safe Use Precautions guide can be downloaded from [limestrongbuild.com](http://limestrongbuild.com).

Limestrong Build plasters contain hydrated (slaked) lime, which (because of a high pH) is somewhat caustic. Breathing the powder dust can also cause respiratory irritation. BE SMART. Protect yourself. In all situations, if irritation develops, seek medical attention. Please read our Safe Use Precautions and Treatments publication for information on protecting and treating skin, eyes, and breathing function.

**DISCLAIMER.** Limestrong Build shall not be liable for incidental or consequential damages sustained directly or indirectly, and accept no liability for loss caused by application of these products not in accordance with our current published instructions (including proper protection-masking of surfaces not receiving plaster) or if used for anything other than the intended use. Our liability is expressly limited to the replacement of defective Limestrong Build product.