



MARBLE, STONE, SAND FINISH FOR: **INTERIOR APPLICATION**

**SECTION 09 25 23**  
LIME BASED VENEER PLASTERING

LIMESTRONG MINERAL FINISH.  
[www.limestrongartisan.com](http://www.limestrongartisan.com)

1. GENERAL

1.1. SECTION INCLUDES

- A. Lime based interior decorative finish with integral color for vertical and horizontal surfaces as indicated.
- B. Preparation of new and existing surfaces, protection of adjacent surfaces and improvements.

1.2. RELATED SECTIONS

- A. Section 09 21 16 - Gypsum Board Assemblies.
- B. Section 09 90 00 - Painting and Coating.

1.3. SUBMITTALS

- A. Submit under provisions of Section 01 30 00 - Administrative Requirements.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
  - 1. Preparation instructions and recommendations.
  - 2. Storage and handling requirements and recommendations.
  - 3. Installation methods.
- C. Verification Samples: For each finish product specified, two samples, representing actual product, finish and color. Minimum sample size, 24"x 24".
- D. Installer's experience record: Submit a list of at least 2 installations that have been installed with LIMESTRONG finish system similar in size, type and scope as described in this document. Include contact names and phone numbers.
- E. Maintenance Data: Submit manufacturer's recommended cleaning and maintenance data. Include maintenance procedures, recommended maintenance materials, and suggested schedule for cleaning.

#### 1.4. QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum 5 year experience manufacturing similar products.
- B. Installer Qualifications: Minimum 2 year experience installing similar products.  
*Manufacturer will not be responsible for unsatisfactory installations performed by inexperienced applicators, inappropriate tools or product adulteration or tampering.*
- C. : Fire, structural, and seismic performance meeting requirements of building code and local authorities.
- D. Provide only proprietary, factory-formulated materials as produced by Limestrong plaster specifically for application indicated. Substitutes within the system are not acceptable.
- E. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
  - 1. Finish areas designated by Architect.
  - 2. Do not proceed with remaining work until workmanship is approved by Architect.
  - 3. Refinish mock-up area as required to produce acceptable work.
  - 4. Accepted mock-up(s) will serve as the standard for remainder of work.

#### 1.5. PRE-INSTALLATION MEETINGS

- A. Convene two weeks before starting work of this section. Meet at Project site with Installer, installer of each component of associated work, installers of substrate construction to receive wall finish work, installers of work penetrating walls and other work in the surrounding area that must precede or follow wall finish work (including mechanical and electrical work if any), Architect/Designer and Owner.  
Objectives to include:
  - 1. Review methods and procedures related to finish work.
  - 2. Review finish systems requirements (drawings, specifications, and other contract documents).
  - 3. Review required submittals, both completed and yet to be completed.
  - 4. Review and finalize construction schedule related to finish work and verify availability of materials, Installer's personnel, equipment, and facilities needed to make progress and avoid delays.
  - 5. Review required inspection, testing, certifying, and material usage accounting procedures.
  - 6. Record discussion of conference, including decisions and agreements (or disagreements) reached, and
  - 6. Furnish copy of record to each party attending. If substantial disagreements exist at conclusion of conference, determine how disagreements will be resolved and set date for reconvening conference.
  - 7. Review notification procedures for weather or non-working days.

#### 1.6. , STORAGE, AND HANDLING

- A. Deliver and store products in manufacturer's unopened packaging bearing the brand name and manufacturer's identification until ready for installation.
- B. Handling: Store materials to permit easy access for inspection and identification. Store materials off the ground, using pallets, platforms or other supports. Protect products, package materials and identifications from deterioration, moisture and extreme temperatures.

## 1.7. PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.

## 1.8. SEQUENCING

- A. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.

## 2.PRODUCTS

### 2.1. MANUFACTURERS

- A. Acceptable Manufacturers: **Limestrong mineral finish.** [www.limestrongartisan.com](http://www.limestrongartisan.com)
- B. Substitutions: Not permitted.

### 2.2. MATERIALS

- A. Lime based veneer plaster:
  - 1. Type: LIMESTRONG MARBLE: two-coat veneer plaster. Smooth finish.
  - 2. Type: LIMESTRONG STONE: Two -coat veneer plaster. Smooth finish OR matte finish.
  - 3. Type: LIMESTRONG SAND: Two -coat veneer plaster. matte/coarse finish.
  - 4. Auxiliary Materials:
    - a. Primer for Interior Painted Plaster, Cementitious and Gypsum Board surfaces: Acrylic Copolymer Primer/Sealer: [Type specified in Section 09 90 00]
    - b. LIMESTRONG PRIMER GRIT: fine pumice additive for primer.
    - c. LIMESTRONG SOAP: soap based plaster sealer.
    - d. LIMESTRONG COLOR SYSTEM: iron oxide based mineral pigments. as selected.

## 3.EXECUTION

### 3.1. EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. Verify that field conditions are acceptable and are ready to receive work. Correct conditions detrimental to the proper and timely performance of this work before proceeding with installation. Commencement of work indicates acceptance of substrates.
- C. Examine surfaces to identify conditions that might interfere with proper bonding of coating.
  - 1. Test for presence of oil or grease by wetting surface and examining for beading water droplets.
  - 2. Look for signs of algae, mold, or mildew.
  - 3. Look for dirt, paint, mortar droppings, patching compounds, loose tile, cracked substrates ,
- D. if substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

### 3.2. PREPARATION - GENERAL

- A. Protect surrounding surfaces from damage due to application procedures or cleaning.
- B. General: In accordance with Referenced Standards for each particular substrate condition. New wallboard must be finished to minimum GA-214 level 3.
- C. Clean surfaces of all material that might interfere with proper bonding of coating.
- D. Remove electrical plates, hardware, light fixture trim, escutcheons, and fittings prior to preparing surfaces or finishing.
- E. Mask around windows, doors, moldings, baseboards etc. Remove tape between coats and re-tape when the first coat is dry.
- F. Surfaces: Correct defects and clean surfaces that affect work of this section. Remove or repair existing coatings that exhibit surface defects.
  - 1. Remove all wall- paper or wall coverings, including all glue and adhesives.
  - 2. Feather-edge patches to make finished edges inconspicuous.
- G. For new construction apply flat primer with LIMESTRONG PRMER GRIT additive to gypsum board, particle -board, cement board, concrete or cinder block. White primer will suffice; however tinting the primer to match the color of choice will prevent white holidays from appearing. Allow primer to dry thoroughly before LIMESTRONG application.

### 3.3. INSTALLATION

- A. Install in accordance with manufacturer's instructions and in proper relationship with adjacent construction. Apply coating in accordance with wall finish coating manufacturer's instructions and recommendations.
  - 1. Trowel application only,
  - 2. Do not use roller or spray application Use installation techniques specified to obtain special textures and finishes.
- B. MIXING.
  - 1. Mix LIMESTRONG plaster using a high rpm (1200 rpm) variable speed mixing drill.
  - 2. Add the specified amount of clean, potable water to a 5 gallon mixing bucket.
  - 3. If colored, add the total LIMESTRONG pigment to the mix water.
  - 4. Mix pigment and water for 30 seconds minimum.
  - 5. Immediately pour pigmented water through a mesh paint strainer to avoid pigment bursting.
  - 6. While mixing with the drill, slowly add all of the contents from 1 bag of plaster to the mix water. Mix thoroughly at high speed for MINIMUM 3 minutes.
- C. APPLICATION:

Begin application at the corner of the wall and proceed. Complete one wall or plane at a time. Avoid stopping in the middle of the wall or plane to prevent cold Joints.

  - 1. Apply using methods and sequence selected to produce the most uniform finish. Avoid practices that may cause shadows, streaks, or discoloration.
  - 2. Allow each coat to dry thoroughly. Always use the recommended number of coats for

each finish.  
3. Apply using stainless steel trowels only.

- D. SEALER:  
Allow 12 hours for plaster substrate to dry before applying sealer.
1. Apply diluted LIMESTRONG SOAP SEALER according to manufacturers instructions.
  2. An alternative waterbased penetrating sealer may be used.
  3. Testing is required for alternative sealers
  4. Follow manufacturers spec for application of alternative sealers

### 3.4. CLEANING

- A. Collect waste material, discarded finish materials, rubbish, cans and rags, and remove daily from site.
- B. Remove spatters, spills, overspray from adjacent surfaces not to be finished using methods recommended by wall finish manufacturer. Take care not to damage these surfaces, perform all cleaning with methods approved by finish manufacturer. Correct all damage caused by this section without additional cost.
- C. Touch-up: Remove spatters, spots, runs, sags, blemishes and other defects without marring adjacent surfaces. Recoat defective surfaces.

### 3.5 REPAIRS

- D. Repair damaged and defective work and eliminate functional and visual defects. Where repair is not possible replace work. Adjust joints for uniform appearance. No unfinished surfaces or irregularities in completed work.
- E. Clean exposed surfaces.
- F. Strictly follow manufacturer guidelines when removing foreign substances from finished surfaces.
- G. Protect installed work from subsequent construction operations until Owner's acceptance. Utilize durable protective wrappings and panel materials using methods which will not damage surfaces or finishes. Do not remove until Owner acceptance following move-in.

### 3.6 FINISH SCHEDULE

IF multiple colors and textures are specified, provide the following at the extents indicated:

LIMESTRONG PLASTER FINISH: [ \_\_\_\_\_ ]

Location: [ \_\_\_\_\_ ]

Color: [ \_\_\_\_\_ ]

LIMESTRONG PLASTER FINISH: [ \_\_\_\_\_ ]

Location: [ \_\_\_\_\_ ]

Color: [ \_\_\_\_\_ ]

LIMESTRONG PLASTER FINISH: [ \_\_\_\_\_ ]

Location: [ \_\_\_\_\_ ]

Color: [ \_\_\_\_\_ ]

LIMESTRONG PLASTER FINISH: [ \_\_\_\_\_ ]

Location: [ \_\_\_\_\_ ]

Color: [ \_\_\_\_\_ ]

END OF SECTION

Disclaimer: This guide specification is intended for use by a qualified designer. The guide specification is not intended to be used verbatim as an actual specification without appropriate modifications for the specific use intended. The guide specification must be integrated into and coordinated with the procedures of each design firm, and the requirements of a specific project