

ARDLIME

SPECIFICATION ARDLIME GRASSELLO VENEER PLASTER SECTION 9

PART 1 GENERAL

1.01 SUMMARY

A. **ARDLime Grassello** is a mineral wall covering composed of natural fillers and modified lime putty. It is suitable for a highly polished protective finish for interior and exterior walls. ARDLIME Grassello is a high polished plaster resembling a hard marble effect.

1.02 SECTION INCLUDES

A. Description of requirements for ARDLIME Grassello veneer plaster.

1.02 DEFINITIONS

A. "Grassello di calce": Lime paste. A smooth hand trowelled plaster.

1.03 QUALITY ASSURANCE

A. Qualifications: All installers are approved with minimum one-year experience with Artisan Plasters.

B. Field samples and mock-ups: A minimum 2' x 2' control sample to be developed by installer for approval by architect, designer, or owner. Sample color approximate as closely as possible to fan deck color selector. Color may vary by degree of gloss, texture, size and shape of area, lighting, nature of hand trowelled application, as well as exposure to heat and light rays, plus the age of the color chip itself.

1.04 DELIVERY, STORAGE, AND HANDLING

A. Delivered F.O.B. (UKIAH, CA), aqueous form in original sealed five-gallon pails bearing manufacturer's name to buyer within general terms and conditions. Or, available at distribution locations.

B. Store at ambient temperatures between 41 and 95 degrees f. in original sealed containers.

C. If stored for a long period of time material tends to thicken, and therefore requires an energetic stirring before application.

D. Avoid contact with skin and eyes, in which case wash immediately with water. Wear gloves and protective goggles.

E. Keep away from extreme heat, sun and frost.

1.05 ENVIRONMENTAL REQUIREMENTS

A. Ambient air temperature shall be 55 degrees f. or greater (not to exceed 95 degrees f.) at time of installation and remain the same for at least 24 hours after installation. The installed Lime Grassello shall be protected from exposure to rain for 48 hours.

B. Cold weather requirements: International Masonry Industry All-Weather Council (IMIAC) recommendations.

1.06 WARRANTY

A. Typical one-year warranty guaranteed on materials as extended by installer.

1.07 MAINTAINANCE

A. Extra material will be supplied, or contracted installer for touch-up/repair work in matching colors in one-quart containers.

B. Cleaning: Sure Klean light duty concrete cleaner.
ProSoCo, Inc. 1-800-491-0721

PART 2 PRODUCTS

2.01 MANUFACTURER

A. Manufactured in Italy by Ard Raccenello S.P.A. U.S.A. Contact: **Stonehenge Studios, Inc. 1-800-813-8673. Local Distributor is Circle Supply of Atlanta, Contact: Kiernan Dowell, (800) 226-0691.**

2.02 MATERIALS

A. Type of binder: Modified seasoned lime putty (calcium hydroxide) with synthetic binders in aqueous solution.

B. Specific weight: 1450 +/- 50g/l.

C. Viscosity at 68 f.: 250.000 +/- 30.000 cps. Ready for use.

D. Drying at 68 f.: Polishing in 1 hour, completely dry in 12-18 hours.

E. Yield: Coverage per container is approximately 325 sq./ft.

F. Definitive features are obtained after 3-4 weeks, which is the necessary time for the carbonation of lime.

G. The plaster is non-flammable and does not require labeling according to law 356 dated 5/29/74 and subsequent amendments and revisions.

2.03 MIXING

- A. Plaster is pre-mixed in aqueous solution, color white. Ready to apply. Can be diluted with water.
- B. Color pigmentation: Light-fast, weatherproof pigments. Color pre-mixed in material is available.

2.04 SEALER

- A. 511 Impregnator, penetrating sealer. Miracle, Co.1-626-443-6433. Apply 1 or 2 coats with 1/4" nap paint sponge applicator or spray applicator.
- B. External surface must be completely dry and protected from rain for 24 hours at 68 degrees F after plaster application.

PART 3 EXECUTION

3.01 PREPARATION

- A. Interior drywall: To be taped, sanded, or floated. Wall shall then be primed with PVA. Prepped wall shall be straight and true and no less than required for gloss enamel paint (Level 5). Blue board not required.
- B. Lath and plaster: Scratch coat, brown coat. Or, EIFS (Exterior Insulation Finish System), EPS (expanded polystyrene), B-T-S-B or equal (embed #7 fiberglass mesh). Surface must be smooth. All substrates must be clean and primed with exterior plaster primer prior to application of Lime Grassello plaster, to avoid efflorescence.
- C. No expansion joints needed unless they are required in substrate. Reveals recommended for large walls and design.
- D. Surfaces subject to salt efflorescence or rising moisture does not guarantee the plaster to adhere to surface. It is necessary to treat and prime surface.

3.02 APPLICATION

- A. Apply with a stainless steel trowel in two or more coats with a 3-4 hour interval in between. After complete extension and before the product has dried completely, proceed to the polishing by smoothing it repeatedly with a smaller stainless steel trowel. If the surface is not completely smooth it is advisable to apply a coat of ARD LIME RASATO by float as priming.
- B. Apply plaster in temperatures ranging between 55-95 degrees f. Avoid application under direct sunlight. After applying, the outer surfaces must be protected from rain until the coating has completely dried (after about 48 hours at 68 degrees f).

END OF SECTION

Not being able to consider the conditions of each application, the information contained in the specification is only approximate.

