MINERAL LIFE INT'L MODIFIED LIME PLASTER

Part 1—GENERAL

1.1 SUMMARY OF WORK

A. For coating masonry, stucco, drywall, knockdown and plaster surfaces

1.2 SUBMITTAL

A. Submit the following items in time to prevent delay of the work and to allow adequate time for review and resubmittals, if needed; do not order materials or start work before receiving the written approval:

Modified Lime Plaster shall be from: Mineral Life Int'l, Inc. available through:
Mineral Life Int'l, Inc.
(distributor's address)
Samples shall be submitted for color matching to the same address.

2. Samples of all specified materials and Material Safety Data Sheets (MSDS) as appropriate.

3. Apply coating samples on masonry board (i.e. Durock, Hardee board or Denshield) or—preferably on the building. Do not apply samples to plywood or other non-masonry surfaces.

4. *Written verification from the Contractor that all specified items will be used. Provide purchase orders, shipping tickets, receipts, etc. to prove that the specified materials were ordered and received.*

1.3 QUALITY ASSURANCE/TEST REQUIREMENTS

A. *Installer Qualifications*: Company specializing in commercial plastering and finishing with three years documented experience and approved by the coating manufacturer.

B. *Coating Samples:* Prepare a sample of each type of repair listed below. Prepare, install, and finish each sample according to the specifications. **All samples must be applied to masonry board or wall.** Prepare samples in an area where they will be exposed to the same conditions as will be present on the building during curing. **Allow samples to cure at least three days (or longer, if possible) before obtaining Owner's approval for color match.**

1.4 DELIVERY, STORAGE, AND HANDLING

A. Materials are to be delivered, stored, and handled to protect them from damage, extreme temperature, and moisture in accordance with Manufacturer's written instructions.

B. Deliver and store material in Manufacturer's original, unopened containers with the production date shown on the container or packaging.

C. Comply with the Manufacturer's written specifications and recommendations for mixing, application, and curing coatings.

1.5PROTECTION/SITE CONDITIONS

A. *Cold Weather Requirements:* Do not work in temperatures below 45° F, when the substrate is colder than 45° F, or when the temperature is expected to fall below 45° F for 48 hours after installation of the coating. Building an enclosure and heating areas to maintain this temperature may only be done with the written approval of the Specifier.

Hot Weather Requirements: Protect coating from direct sunlight and wind during application.

C. Foul weather requirements: Do not work when precipitation is expected within 48 hours of installation. The coating needs adequate time to bond to the substrate. Moisture disrupts the curing process.

Part 2 – PRODUCTS

2.1COATING MANUFACTURER

Mineral Life Int'l Modified Lime Plaster is distributed by Mineral Life Int'l, Miami, Fl. , U.S.A., Tel: 305-661-9854, toll free: 877-407-9510, Fax#: 305-661-6942, e-mail: minlife@earthlink.net

Substitutions: If proposed equal is submitted, lab test to establish equivalent performance levels. Use an independent testing laboratory, as determined by the Specifier, and paid for by the submitting party.

Part 3 – EXECUTION

3.1WORKMANSHIP

A. Do not use any additives in the coating system.
B. Plaster surfaces should be flat and smooth

3.2PREPARATION FOR REPAIRS

A. Do not start work until surfaces to be coated are in proper condition to produce finished surfaces of uniform, satisfactory appearance.

B. Mildew, algae and fungus should be removed by methods recommended by the coating manufacturer.

C. Remove dust and loose particulate matter from surfaces to receive coatings immediately prior to coating application.

D. Protect all non-masonry surfaces such as: glass, wood, metal, etc.

E. Cracks and spalls must be repaired and cured prior to coating application.

F. To ensure even penetration of the coating, make sure any masonry repairs have been made with repair materials that are compatible to the substrate.

G. Remove any previous or existing coatings before application of new mineral coating.

Note**: Substrate must be completely dry before coating. Do not work when precipitation is expected within 48 hours of installation. The coating needs adequate time to bond to the substrate. Moisture disrupts the curing process.

3.3MIXING COATING SYSTEM

A. It is recommended that proper eye protection be worn during mixing in case of accidental splashing. The Modified Lime Plaster is ready to use from drum.
B. Mechanical mixing might be desirable. A low speed mixing paddle will freshen up material after longer periods of storage.
C.

3.4APPLICATION OF Modified Lime Plaster

A. Apply one or two coats of Mineral Life Int'l masonry sealer or equivalent to the masonry surface, making sure that surface including any patching are completely sealed.

B. Apply each coat of Modified Lime Plaster with a stainless steel or plastic plasterer's trowel. Each application should be well compacted by back toweling to insure a tight smooth surface.
C. Allow manufacturer's specified drying time, and ensure correct coating adhesion, for each coat before applying the next coat.

Where coating application abuts other materials or other coating color, terminate coating, making clean sharp termination line without coating overlap.

3.5CLEAN UP

A. Place tools immediately in clean water when pausing work (15-30 minutes or more). Clean tools with clean water immediately after finishing work. Mineral Life Modified Lime Plaster can be removed from non-porous surfaces with clean water while still wet.