

# SPECIFICATION: ANTI CORROSIVE COATING

## MINERAL LIFE INT'L ANTI CORROSIVE COATING SPECIFICATION

### Part 1—GENERAL

#### 1.1 SUMMARY OF WORK

- A. For priming and coating steel to give anti corrosive protection as well as a selection of earth tone colors.

#### 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 )

- 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 or industrial painting 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 a steel surface.** 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.

**Part 2 – PRODUCTS****2.1 COATING MANUFACTURER**

Mineral Life Int'l Modified Anti Corrosive Coating 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****3.1 Workmanship**

A. All surfaces to be coated should be clean, dry and free from contamination. Prior to paint application, all surfaces should be assessed and treated in accordance with ISO 8504:1992

Oil or grease should be removed in accordance with SSPC-SP1 solvent cleaning.

Strict adherence to all cleanliness standards is essential for application of water-based coatings.

**B. Abrasive Blast Cleaning**

Abrasive blast clean if oxidation has occurred between blasting and application of Anticorrosive Coating, the surface should be reblasted to the specified visual standard.

Surface defects revealed by the blast cleaning process, should be ground, filled, or treated in the appropriate manner.

**C. Mixing**

Anticorrosive Coating is supplied in 2 parts, a liquid binder base component (Part A) and a Powder component (Part B). Powder (Part B) should be slowly added to the Liquid Binder (Part A) while stirring with a mechanical mixer.

Material should be filtered prior to application and should be constantly agitated in the pot during spraying. Once the unit has been mixed it should be used within the working pot life specified.

**Mix Ratio**

1 part (Part A): 0.7 parts (Part B) by volume

1 part (Part A): 4 parts (Part B) by weight

**Working Pot Life**

8 hours at 20 °C (68 °F)

D. Application

Airless Spray: Not suitable

Brush: Suitable-small areas only Typically 50-75 microns (2-3mils)

Roller: Suitable – small areas Typically 50-75 microns (2-3 mils)

Thinner: Do Not Thin

Cleaner: Clean water

Relative Humidity: Ideally between 50 and 60%.

4.0 Shipping

UN Shipping No.: Non-hazardous