



Traditional stucco is a durable wall cladding. Master Wall finishes improve the looks of stucco with bold textures and colors

This guideline specification is intended for use by the design/construction professional and any user of Master Wall products to assist in developing project specifications and to provide guidance on the application of the Master Wall Stucco System (MASTER WALL FINISHES) to sound supporting construction. Besides different supporting structures, the professional may choose several options:

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Materials and installation of Master Wall finishes over stucco.

1.02 REFERENCED DOCUMENTS

- A. ASTM Standards:
 - 1. C 847 Standard Specification for Metal Lath
 - 2. C 897 Aggregates for Job Mixed Portland Cement-Based Plaster
 - 3. C 926 Standard Specification for Application of Portland cement-Based Plaster
 - 4. C 1032 Standard Specification for Woven Wire Plaster Base
 - 5. C 1063 Installation of Lathing and furring for Portland Cement-Based Plaster

1.03 TERMS/DEFINITIONS

- A. Stucco – traditional stucco mix and application (by others), mixed and applied in accordance with the reference documents, above.
- B. Accessories/Trims – The closure trims, control joints metal reinforcement and mechanical fasteners used in the installation of stucco.
- C. Applicator – The contractor that applies the finishes.
- D. Building Expansion Joint – A joint through the entire building structure designed to accommodate structural movement.
- E. Control Joint – a joint in the stucco wall designed to reduce and control thermal and shrinkage cracking.
- F. Elastomeric – Factory mixed acrylic designed to bridge minor cracking in stucco.
- G. Designer – The person or firm that is responsible to create the plans and specifications for the entire project.
- H. Finish Coat – An acrylic based, factory mixed decorative and protective coating that is applied to the base coat.
- I. Insulation Board – Molded Expanded Polystyrene Board, manufactured in accordance with the EIFS manufacturer's specifications, attached to the substrate and covered with the reinforced base coat and finish.



1.04 DESIGN REQUIREMENTS

- A. Stucco Substrates
 - 1. Provide surface plane tolerance not to exceed ¼ inch in 10 feet (6.4 mm in 3.05 m).
 - 2. Deflection shall be limited to L/360.

1.05 SUBMITTALS

- A. The Applicator shall submit a list of completed projects of like size and complexity.
- B. The Applicator shall submit a certificate of training indicating that they have been given instructions on the proper installation of the Master Wall Finishes.
- C. The Applicator shall submit Manufacturer's current literature, brochures, specifications, and details.
- D. The Applicator shall submit sufficient samples of each finish texture and color selected. The samples shall be prepared with the same tools and techniques required for the actual project. Color and texture should be approved based on the job site mock-up samples.
- E. The Applicator shall provide any shop drawings that may be applicable to the project for approval by the project architect.

1.06 DELIVERY, STORAGE AND HANDLING

- A. Deliver all materials in original unopened packages with labels intact. Verify all quantities, colors, and textures against bill of lading.
- B. Store all materials protected from direct exposure to weather conditions and at temperatures not less than 40° F (5° C) or greater than 110° F (43° C).
- C. Material safety data sheets (MSDS) shall be supplied for the components of the MASTER WALL FINISHES and be available at the job site.

1.07 JOB CONDITIONS

- A. Ambient air temperatures shall be 40° F (5° C) or greater and rising at the time of installation of the Master Wall Inc. products and shall remain at 40° F (5° C) or greater for at least 24 hours after application.
- B. Provide supplemental heat and protection as required when the temperature and conditions are not in accordance with installation requirements. Sufficient ventilation and time shall be provided to ensure that materials have sufficiently dried prior to removing supplemental heat.
- C. Adequate protection shall be provided to prevent weather conditions (humidity, temperature, and precipitation) from having an affect on the curing or drying time of **Master Wall Inc.** materials.
- D. Adjacent materials and the Master Wall Finishes shall be protected during installation and while curing from weather and shall be protected from site damage.
- E. Coordinate installation of the Master Wall Finishes with related work specified in other sections to ensure that the wall assembly is protected to prevent water from getting behind the system. The cap flashing shall be installed as soon as possible after the finish coat has been applied. When this is not possible, temporary protection shall be provided immediately in this area.



- F. All sealants shall be installed in a timely manner. Protect open joints from water intrusion during construction with backer rod, or temporary covering, until permanently sealed.
- G. Sufficient manpower and equipment shall be employed to ensure a continuous operation, free of cold joints, scaffolding lines, and texture variations, etc.
- H. Stucco substrates shall be allowed to cure long enough to support the finish work.

1.08 LIMITED MATERIALS WARRANTY

- A. A Limited Materials Warranty shall be issued upon the receipt of a properly completed warranty request form.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. **Master Wall Inc.**

2.02 PRIMER (optional)

- A. **Master Wall Primecoat:** acrylic-based tinted primer.
(*Note: priming equalizes substrate absorption for a better-looking project*)

2.03 FINISH COAT

- A. **Superior Finish:** Master Wall Inc.'s Superior Finishes are acrylic-based wall coatings available in a variety of colors and textures. The following textures are available:
 - 1. Perfect - riled texture
 - 2. Spray – sand type texture
 - 3. R-Coarse – coarse riled texture
 - 4. Desert Sand – coarse sand texture
 - 5. Refinish – Fine texture used to create numerous finishes
 - 6. Superior Stone & Aggrestone Finishes – clear acrylic matrix filled with colored ceramic beads

- A. **Superior Elastomeric Finish:** Master Wall Inc.'s Superior Finishes using elastomeric polymers to bridge minor cracking. The following textures are available:
 - 1. Perfect - riled texture
 - 2. Spray – sand type texture
 - 3. R-Coarse – coarse riled texture
 - 4. Desert Sand – coarse sand texture
 - 5. Refinish – Fine texture used to create numerous finishes

(Note: The above textures excluding Superior Stone & Aggrestone Finishes are also available in the Aggre-flex Superior Silicone Coat product line. Aggre-flex Superior Silicone Coat combines acrylic and the siloxane polymers to provide the maximum resistance to moisture.)



2.04 JOB MIXED INGREDIENTS

- A. Water: Clear, clean and potable without any foreign matter in the solution that may affect the color and setting qualities of the cement, adhesive, base or finish coat.

2.05 MIXING

- A. **Superior Finishes:** Mix the finish coat with a Wind-lock B-MTW using a ½", 400-500 RPM drill motor. Small amounts of water can be added for workability. Mix until reaching a uniform consistency. (It is important that the same amount of water be added to each pail to ensure a consistent color.)
- B. Additives shall not be added to Master Wall Inc.'s materials unless written approval has been received from Master Wall Inc.
- C. Mix only as much material as can readily be used.
- D. Do not use anti-freeze compounds or other additives.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Prior to installation of the Finishes over Stucco, the contractor shall verify that the substrate:
1. Is of a type listed in Section 1.04.C.1.
 2. Is flat within 6.4 mm (1/4 in) in a 3.05 m (10 ft) radius.
 3. Is sound, dry, connections are tight, has no surface voids, projections or other conditions that may interfere with the Finishes over Stucco installation or performance.
- B. Prior to the installation of the Finishes over Stucco, the architect or general contractor shall insure that all needed flashings and other waterproofing details have been completed, if such completion is required prior to the finish application. Additionally, the Contractor shall ensure that:
1. Metal roof flashing has been installed in accordance with Asphalt Roofing Manufacturers Association (ARMA) Standards.
 2. Openings are flashed as necessary to prevent water penetration.
 3. Chimneys, Balconies, and Decks have been properly flashed.
 4. Windows, Doors, etc. are installed and flashed per manufacturer's requirements.
- C. Prior to the installation of the Finishes over Stucco, the contractor shall notify the general contractor, and/or architect, and/or owner of all discrepancies.

3.02 PREPARATION

- A. The finish materials shall be protected by permanent or temporary means from inclement weather and other sources of damage prior to, during, and following application until completely dry.
- B. Protect adjoining work and property during finish installation.
- C. The substrate shall be prepared as to be free of foreign materials, such as, oil, dust, dirt, form release agents, efflorescence, paint, wax, water repellents, moisture, frost and any other condition that inhibit adhesion.



3.03 INSTALLATION

- A. The system shall be installed in accordance with the current Master Wall Inc. Finishes over Stucco Application Instructions.
- B. The overall minimum base coat thickness shall be sufficient to fully embed the mesh.
- C. Sealant shall not be applied directly to textured finishes.
- D. When installing the Finishes over Stucco, adhere according to Master Wall Inc. and local requirements.
- E. High impact meshes shall be installed as specified at ground level, high traffic areas and other areas exposed to or susceptible to impact damage.

3.04 FIELD QUALITY CONTROL

- A. The contractor shall be responsible for the proper application of the finish materials.
- B. Master Wall Inc. assumes no responsibility for on-site inspections or application of its products.
- C. If required, the contractor shall certify in writing the quality of work performed relative to the substrate system, details, installation procedures, workmanship and as to the specific products used.
- D. If required, the sealant contractor shall certify in writing that the sealant application is in accordance with the sealant manufacturer's and Master Wall Inc.'s recommendations.

3.05 CLEANING

- A. All excess Finishes over Stucco materials shall be removed from the job site by the contractor in accordance with contract provisions and as required by applicable law.
- B. All surrounding areas, where the Finishes over Stucco has been installed, shall be left free of debris and foreign substances resulting from the contractor's work.

3.06 PROTECTION

- A. The Finishes over Stucco shall be protected from inclement weather and other sources of damage until dry and permanent protection in the form of flashings, sealants, etc. are installed.

Disclaimer

This Specification is published for general informational purposes only and is not intended to imply that these are the only materials, procedures, or methods, which are available or suitable. Materials, procedures, or methods may vary according to the particular circumstances, local building code requirements, design conditions, or statutory and regulatory requirements. While the information in this specification is believed to be accurate and reliable, it is presented without guarantee or responsibility on the part of Master Wall Inc.