



# Stucco Renovation Coatings Section 09 96 63



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## Master Wall Guide Specification SR Stucco Renovation Coatings

### **PART I – GENERAL**

#### **1.01 SUMMARY**

- A. This document is to be used in preparing specifications for projects utilizing the Master Wall Inc.® Coatings applied over an existing stucco surface. Related Master Wall Inc.® documents:
1. Master Wall Inc.® Stucco Renovation Coatings System Data Sheet
  2. Master Wall Inc.® Stucco Renovation Coatings System Application Instructions
  3. Master Wall Inc.® Stucco Renovation Coatings System Installation Details
  4. Master Wall product data sheets
- B. Related Sections
1. Sealant – Section 07900
  2. Flashing – Section 07600

#### **1.02 SUBMITTALS**

- A. Manufacturer's specifications, details, installation instructions and product data
- B. Manufacturer's standard warranty
- C. Applicator's industry training credentials
- D. Samples for approval as directed by architect or owner
- E. Sealant manufacturer's certificate of compliance with ASTM C 1382
- F. Prepare and submit project-specific details (when required by contract documents)

#### **1.03 REFERENCES**

- A. ASTM Standards:
- ASTM B117 (Federal Test Standard 141A Method 6061) Standard Practice for Operating Salt Spray (Fog) Apparatus
  - ASTM C150 Standard Specification for Portland Cement
  - ASTM C297 Standard Test Method for Flatwise Tensile Strength of Sandwich Constructions
  - ASTM C578 Specification for Preformed Cellular Polystyrene Thermal Insulation
  - ASTM D968 (Federal Test Standard 141A Method 6191) Standard Test Methods for Abrasion Resistance of Organic Coatings by Falling Abrasive
  - ASTM D2247 (Federal Test Standard 141A Method 6201) Standard Practice for Testing Water Resistance of Coatings in 100% Relative Humidity
  - ASTM D3273 Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber
  - ASTM E84 Standard Test Method for Surface Burning Characteristics of Building Materials
  - ASTM E96 Test Methods for Water Vapor Transmission of Materials



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- ASTM E2098 Test Method for Determining Tensile Breaking Strength of Glass Fiber Reinforcing Mesh for Use in Class PB Exterior Insulation and Finish System after exposure to Sodium-Hydroxide Solution
- ASTM E2485 (formerly EIMA Std. 101.01) Standard Test Method for Freeze-Thaw Resistance of Exterior Insulation and Finish Systems and Water-Resistive Barrier Coatings
- ASTM E2486 (formerly EIMA Std. 101.86) Standard Test Method for Impact Resistance of Class PB and PI Exterior Insulation and Finish Systems
- ASTM G23 Standard Practice for Operating Light-Exposure Apparatus (Carbon-Arc Type) with and without Water for Exposure of Nonmetallic Materials
- ASTM G53 Practice for Operating Light- and Water-Exposure Apparatus (Fluorescent UV-Condensation Type) for Exposure of Nonmetallic Materials

### B. Other Referenced Documents

- American Association of Textile Chemists and Colorists AATCC-127 Water Resistance: Hydrostatic Pressure Test
- APA Engineered Wood Association E30, Engineered Wood Construction Guide

## 1.04 SYSTEM DESCRIPTION

- A. General: Master Wall Inc.® Stucco Renovation Coatings applied over approved substrates consisting of a base coat, optional reinforcing mesh, optional primer and finish. The products are applied over a clean, dry and hard stucco substrate. Reference painted surfaces technical bulletin if applicable.
- B. Methods of Installation
  - 1. Field Applied: The Stucco Renovation Coatings System is applied to the substrate system in place.
- C. Design Requirements
  - 1. Substrates
    - a. The maximum deflection under full flexural design loads of the substrate system shall not exceed L/360.
    - b. Stucco Renovation System shall be designed for their intended use by the design professional.
    - c. Approved substrates include cured, unpainted and clean surfaces of stucco.
    - d. The project architect or engineer shall engineer the system with regard to the required structural performance.
    - e. Substrates designed as part of a retaining wall or freestanding wall shall incorporate appropriate drainage means to prevent the transfer of water from the backside and shall be capped to prevent water entry into the wall system.
  - 2. The substrate shall be flat within 6.4 mm (1/4 in) in a 3.05 m (10 ft) radius.
  - 3. The slope of inclined surfaces shall not be less than 6:12, and the length shall not exceed 305 mm (12 in).
  - 4. Expansion Joints
    - a. Design and location of expansion joints in the Stucco Renovation Coatings System is the responsibility of the project designer and shall be noted on the project drawings. As a minimum, expansion joints shall be placed at the following locations:
      - 1) Where expansion joints occur in the substrate system.
      - 2) Where building expansion joints occur.
      - 3) Where the Stucco Renovation Coating System abuts dissimilar materials.
      - 4) Where the substrate type changes
      - 5) Where prefabricated panels abut one another
      - 6) Where significant structural movement occurs such as changes in roofline, building shape or structural system.



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### 5. Terminations

- a. Interior foam expanding foam sealant may be required behind penetration openings.
  - b. The Stucco Renovation Coatings System shall be held back from adjoining materials around openings and penetrations where needed such as windows, doors and mechanical equipment for sealant application in accordance with the system details. Sealant joints shall be properly sized and designed for their anticipated movement (Reference Master Wall Inc.® Technical Bulletins #148 & 149).
  - c. The system shall be terminated a minimum of 152 mm (6 in) above finished grade or approval shall be sought from the local jurisdictional building authority for any variations.
  - d. Sealants
    - 1) Shall be manufactured and supplied by others.
    - 2) Shall be compatible with Stucco Renovation Coatings System materials. Refer to current Master Wall Inc.® Technical Bulletin #131 for listing of sealants approved by sealant manufacturer for use with stucco systems.
    - 3) The sealant backer rod shall be of closed cell.
6. Vapor Retarders and barriers – The use and location of vapor retarders and/or barriers within a wall assembly is the responsibility of the project designer and shall comply with local building code requirements.
7. Dark Colors - The use of dark colors must be considered in relation to wall surface temperature as a function of local climatic conditions. Use of dark colors in high temperature climates can affect the performance of the system. Primecoat Primer suggested for overly light or dark colors.
8. Flashing: Shall be provided at all roof-wall intersections, windows, doors, chimneys, decks, balconies and other areas as necessary to prevent water from entering behind the Stucco Renovation Coatings and wall system.

### 1.05 PERFORMANCE REQUIREMENTS

A. Stucco Renovation Coatings System shall have been tested as follows:

#### Weather Resistance and Durability Performance\*

TEST	METHOD	CRITERIA	RESULTS
1. Accelerated Weathering	ASTM G 153 (Formerly ASTM G 23)	No deleterious effects at 2000 hours when viewed under 5x magnification	Pass
2. Accelerated Weathering	ASTM G 154 (Formerly ASTM G 53)	No deleterious effects at 2000 hours	Pass
3. Freeze/Thaw Resistance	ASTM E 2485	No deleterious effects at 10 cycles when viewed under 5x magnification	Pass
4. Water Penetration	ASTM E 331 (modified per ICC-ES AC 235)	No water penetration beyond the plane of the base coat/insulation board interface after 15 minutes at 6.24 psf (299 Pa) or 20% of design wind pressure, whichever is greater	Pass at 2.86 psf (137 Pa), 6.24 psf (299 Pa), and 12.0 psf (575 Pa) consecutively
5. Water Resistance	ASTM D 2247	No deleterious effects at 14 day exposure	Pass @ 28 days
6. Salt Spray	ASTM B 117	No deleterious effects* at 300 hours	Pass @ 300 hrs
7. Abrasion Resistance	ASTM D 968	No cracking or loss of film integrity at 528 quarts (500 L) of sand	Pass
8. Mildew Resistance	ASTM D 3273	No growth supported during 28 day exposure period	Pass



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### Fire Performance

TEST	METHOD	CRITERIA	RESULT
1. Surface Burning (individual components)	ASTM E 84	Individual components shall each have a flame spread of 25 or less, and smoke developed of 450 or less	Flame Spread: 0 Smoke Developed: 0

### Component Performance

TEST	METHOD	CRITERIA	RESULT
1. Alkali Resistance of Reinforcing Mesh	ASTM E2098 (formerly EIMA 105.01)	Greater than 120 pli (21 dN/cm) retained tensile strength	Pass

### 1.06 QUALITY ASSURANCE

#### A. Qualifications

1. System Manufacturer: Shall be Master Wall Inc.®. All materials shall be manufactured or sold by Master Wall Inc.® and shall be purchased from Master Wall Inc.® or its authorized distributors.
2. Contractor: Shall be knowledgeable in the proper installation of the Master Wall Inc.® Stucco Renovation Coatings. Additionally, the contractor shall possess a current Master Wall Inc.® applicator certificate issued by Master Wall Inc.®

#### B. Regulatory Requirements

1. Any insulation board foam trims shall be separated from the interior of the building by a minimum 15-minute thermal barrier.
2. The use and maximum thickness of the insulation board shall be in accordance with the applicable building codes.

#### C. Mock-Up

1. The contractor shall, before the project commences, provide the owner/architect with a mock-up for approval.
2. The mock-up shall be of suitable size as required to accurately represent the products being installed, as well as each color and texture to be utilized on the project.
3. The mock-up shall be prepared with the same products, tools, equipment and techniques required for the actual application. The finish used shall be from the same batch that is being used on the project.
4. The approved mock-up shall be available and maintained at the job site.
5. For panelized construction, the mock-up shall be available and maintained at the panel fabrication location.

### 1.07 DELIVERY, STORAGE AND HANDLING

- A. All Master Wall Inc.® materials shall be delivered to the job site in the original, unopened packages with labels intact.
- B. Upon arrival, materials shall be inspected for physical damage, freezing, or overheating. Questionable materials shall not be used.
- C. Deliver all materials in original unopened packages with labels intact. Verify all quantities, colors, and textures against bill of lading.
- D. Store all materials protected from direct exposure to weather conditions and at temperatures not less than 40°F (4°C) or greater than 110°F (43°C).
- E. Material Safety Data Sheets (MSDS) or Safety Data Sheets (SDS) shall be supplied for the components of the system and be available at the job site.



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### 1.08 PROJECT CONDITIONS

- A. Ambient air temperatures shall be 40°F (4°C) or greater and rising at the time of installation of the Master Wall Inc.® products and shall remain at 40°F (4°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 Stucco Renovation Coatings System shall be protected during installation and while curing from weather and shall be protected from site damage.
- E. Coordinate installation of the Stucco Renovation Coatings System 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 sealant work 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. Existing Conditions - The contractor shall have access to electric power, clean water, and a clean work area at the location where the Master Wall Inc.® materials are to be applied.

### 1.09 SEQUENCING AND SCHEDULING

- A. Installation of the Stucco Renovation Coatings System shall be coordinated with other construction trades.
- B. Sufficient manpower and equipment shall be employed to ensure a continuous operation, free of cold joints, scaffold lines, texture variations, etc.

### 1.10 LIMITED MATERIALS WARRANTY

- A. Provide a manufacturer's limited warranty against defective material upon request. Warranty shall be as follows: Base Coat and Superior Finish: 5 years; Base Coat, Mesh and Superior Finish: 6 years; Base Coat, Mesh, Primecoat Primer and Superior Finish: 7 years; WeatherStop Base Coat, Mesh, Primecoat Primer and Superior Finish: 8 years; Base Coat, Mesh, Primecoat Primer and Superior Elastomeric Plus Finish: 9 years; WeatherStop Base Coat, Mesh, Primecoat Primer and Superior Elastomeric Plus Finish: 10 years.

### 1.11 MAINTENANCE

- A. Maintenance and repair shall follow the procedures noted in Master Wall Inc.® Technical Bulletins #112 and #129.

## PART II – PRODUCTS

### 2.01 MANUFACTURER

- A. All components of the Stucco Renovation Coatings System shall be supplied or obtained from Master Wall Inc.® or its authorized distributors. Substitutions or additions of materials other than specified will void the warranty.

### 2.02 MATERIALS

- A. Portland Cement: Shall be Type I or II, meeting ASTM C 150, white or gray in color, fresh and free of lumps.
- B. Water: Shall be potable, clean and free of foreign matter.
- C. Metal Flashing Components: Complying with SMACNA Recommendations. Reference Section 07620.
- D. Sealant Systems: Reference Sealant Specification, Section 07900.
- E. Window & Door Systems: Detailed by the designer and suitable for the regional application. Reference Section 08000.



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### 2.03 COMPONENTS

(Typical Application/**Optional Component**)

#### A. Reinforcing Mesh

Open weave glass fiber fabric, treated for alkaline resistance and compatibility with Master Wall Base Coats, and conforming ASTM D-76, D-579, D-5035, MIL-Y-1140 and meeting a minimum Medium Impact Resistance (50-89 in-lbs) when tested to EIMA 101.86 Impact Resistance Standards.

1. Detail Mesh
2. Standard Mesh

#### B. Base Coats

1. Master Wall Inc.® Foam & Mesh (F&M) Adhesive: An acrylic-based product mixed one-to-one by weight with Portland cement for use with reinforcing mesh as the base coating over the SR and insulation board.
2. Master Wall Bagged Base Coat (MBB): A polymer based cementitious product mixed with 5 to 6 quarts of water for use with reinforcing mesh as the base coating over the substrate and insulation board.
3. F&M Plus: An acrylic-based high build product mixed one-to-one by weight with Portland cement designed for use with reinforcing mesh as the base coating over the substrate and insulation board. (This product shall be used where indicated on the construction drawings when a leveling base coat is required.)
4. WeatherStop: An acrylic-based weatherproof base coat product mixed one-to-one by weight with Portland cement designed for use with reinforcing mesh as the base coating over the substrate and insulation board. (This product shall be used where indicated on the construction drawings when a leveling base coat is required.)
5. Expanded Polystyrene Base (EPSB): a 100% pure acrylic polymer based noncementitious base coat.

#### C. Water Resistant Adhesive & Base Coat

1. Guardian – An acrylic-based product mixed one-to-one by weight with Portland cement for use as the adhesive to bond insulation board to an approved substrate and/or as a base coat with reinforcing mesh over the SR and insulation board. (This product should be used as designated on the construction drawings where additional resistance to moisture is needed.)

#### D. Primer – Especially useful under especially light or dark colors

1. Primecoat Primer - Acrylic-based tintable primer
2. Sanded Primecoat Primer - Acrylic-based tintable primer with sand

#### E. Superior Finishes: Master Wall Inc.® Superior Finishes are acrylic-based wall coatings available in a variety of colors and textures. The following textures are available:

1. Perfect2.0 (Perfect) - riled texture
2. Fine Sand 1.0 (Spray) – sand type texture
3. Medium Sand 1.5 (Desert Sand) – coarse sand texture
5. Versatex 0.5 (Refinish) – Fine texture used to create numerous finishes

#### F. Finish Enhancements

1. Silicone Coat - Factory added silicone enhancement for better water resistance and to keep buildings cleaner.
2. Excel Mildew Enhancement - Factory added mildew booster exceeding ASTM D3273 requirements.
3. Elastomeric Plus - Increases flexibility and bridges minor hairline cracks.

#### G. Specialty Finishes

1. Superior Stone
2. Aggrestone
3. Lumia
4. Plaster Flex
5. Metallic Cote
6. Savannah
7. Marbleflex
8. Travertine
9. Eco Glass
10. Aggrelime
11. Brick Finish System





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### H. Accents & Coatings

1. Roller-flex architectural coating
2. Elasto-flex elastomeric architectural coating
3. Clearshield clear protective coating
4. Vintique antiquing accent

## **PART III – EXECUTION**

### **3.01 INSPECTION**

- A. Prior to the application of the Master Wall coatings the substrate shall be examined for compliance with the contract documents and Master Wall Inc. specifications. The substrate shall have no planar irregularities greater than ¼" in 10' (6.4 mm in 3.05 m). The General Contractor and Architect shall be advised in writing of any discrepancies. Work shall not proceed until unsatisfactory conditions are corrected.

### **3.02 MIXING**

- A. Foam & Mesh (F&M) Adhesive: Mix F&M at a weight ratio of 1 to 1 with Portland Type I or I/II, white or grey cement. Mix using a ½", 400-500 RPM drill motor and Wind-lock B-MTW Mixer or equivalent. Let stand for 3-5 minutes and remix until the desired consistency is achieved. Small amounts of clean water can be added for workability. Do not over mix.
- B. Master Wall Bagged Base Coat (MBB): Add 5 to 6 quarts of water with the 50-lb. bag in a clean bucket for mixing. Mix the MBB with a Wind-lock B-MTW Mixer or equivalent using a ½", 400-500 RPM drill motor. Let stand for 3-5 minutes and remix until the desired consistency is achieved. Small amounts of clean water can be added for workability. Do not over mix.
- C. F&M Plus: Mix F&M Plus at a weight ratio of 1 to 1 with Portland Type I or I/II, white or grey cement. Mix using a ½", 400-500 RPM drill motor and Wind-lock B-MTW Mixer or equivalent. . Let stand for 3-5 minutes and remix until the desired consistency is achieved. Small amounts of clean water can be added for workability. Do not over mix.
- D. Guardian: Mix Guardian at a weight ratio of 1 to 1 with Portland Type I or I/II, white or grey cement. Mix using a ½", 400-500 RPM drill motor and Wind-lock B-MTW Mixer or equivalent. . Let stand for 3-5 minutes and remix until the desired consistency is achieved. Small amounts of clean water can be added for workability. Do not over mix.
- E. 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.)
- F. Additives shall not be added to Master Wall Inc.'s materials unless written approval has been received from Master Wall Inc.

### **3.03 PREPARATION**

- A. Protect contiguous work from damage during application of the Master Wall coatings. Temporary covering may be required to prevent overspray or splattering of exterior finish coatings on other work.
- B. Protect substrate from inclement weather during installation. Prevent infiltration of moisture behind the system that may affect the substrate or the adhesion of the insulation board to the substrate.
- C. Adhesive, Base Coats and Finishes shall not be installed when ambient air temperature is below 40°F (5°C). The temperature shall remain at or above 40°F (5°C) during mixing, application and until materials have cured.
- D. Sufficient scaffolding, manpower and tools shall be provided to prevent cold joints.
- E. The substrate shall be clean to obtain optimum bond between substrate and adhesive used to attach insulation board.
- F. Flashings shall be installed as required by construction documents and Master Wall Inc. details in a manner to prevent the intrusion of water behind the system. All flashing materials should direct the water to the exterior face of the finished system.



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### 3.04 INSTALLATION, GENERAL

- A. Comply with the manufacturers' current published instructions, (specifications, details, data sheets and technical bulletins) for the installation of the Stucco Renovation Coatings.
- B. Comply with local building codes.

### 3.05 BACKWRAPPING – FOAM SHAPES

- A. Adhesively secure reinforcing detail or standard mesh to the substrate positioned so that a minimum of 2 ½" (64 mm) of the mesh is onto the substrate. (The reinforcing mesh shall be wide enough to encapsulate the edge of the insulation board and cover both the substrate and the face of the insulation board a minimum of 2 ½" (64 mm).
- B. After the insulation board is applied, complete the backwrapping procedure by applying the base coat, embedding the remaining mesh and returning it onto the face of the insulation board.
- C. Where sealants are applied the reinforcing mesh color shall not be visible and the texture of the base coat shall be smooth so that the pattern of the mesh is covered.
- D. Apply finish in accordance with manufacturer's details. (Finish shall not be applied to areas where the design professional has anticipated dynamic movement or at an EIFS to EIFS joint.)

### 3.06 APPLICATION – FOAM SHAPES

- A. Adhesive Method
  - 1. Approved substrates for adhesive application:
    - 1) Foam trim insulation board meeting ASTM C578, Type 1 with a density of 1 pcf or greater.
  - 2. Notched Trowel Method - Foam & Mesh (F& M) Adhesive, Master Wall Bagged Base Coat (MBB), F&M Plus shall be applied to the entire surface of one face of the approved insulation board with a 3/8" deep x 3/8" wide x 3/4" o.c. (9.5x9.5x19 mm) spacing square notched trowel. Run notches vertically.
  - 3. Do not apply the adhesive directly to the substrate.
  - 4. Do not adhere the edges of the insulation board to each other.
  - 5. Apply the approved insulation board over a dry substrate with the long edge oriented horizontally.
  - 6. The application of the insulation board shall commence at the base of the wall from a level line of support.
  - 7. After the adhesive has been applied to insulation board it shall be installed by sliding it into place until it abuts adjoining insulation board.
  - 8. Uniform pressure shall be applied over the entire surface of the insulation board to achieve contact with the substrate. Periodically check the contact of the adhesive to the substrate by removing a piece of insulation board. Proper adhesive contact should be demonstrated by the evidence of similar amounts of adhesive adhered to both the insulation board and the substrate. The cohesive break should occur when the board is removed. If the cohesive break had occurred prior to the adhesive set the substrate is more than likely out of plane and should be corrected to meet minimum standards of this specification. If a cohesive failure does not occur contact a Master Wall representative.
  - 9. The insulation board shall be installed in a running bond pattern with staggered vertical joints.
  - 10. Insulation boards shall be interlocked at the inside and outside corners.
  - 11. Insulation board joints shall be offset from the sheathing joints a minimum of 6" (152 mm).
  - 12. Insulation board joints shall be offset from the corners of openings.
  - 13. Allow for proper spacing at windows, doors, penetrations and other openings so that sealant systems can be installed in accordance with Master Wall Inc.'s specification, details and the construction documents.
  - 14. Provide a proper joint through insulation board where expansion joints occur in substrates and where required in the system.
  - 15. The insulation board shall be butted tightly. Any gaps greater than 1/16" (1.6 mm) between insulation boards shall be filled with slivers of insulation board. Adhesive shall not be used to adhere foam when filling gaps.
  - 16. Gaps between insulation boards shall not be filled with adhesive or base coat materials.
  - 17. Allow adhered insulation to remain undisturbed for a period of 12 hours prior to rasping.
  - 18. Rasp the entire surface of the insulation board to level any irregularities, surface deterioration and to roughen the surface of the insulation board. All irregularities greater than 1/16" (1.6 mm) shall be sanded flat.





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19. Cut aesthetic joints as indicated on construction drawings. Always maintain a minimum ¾" (19 mm) of insulation board under aesthetic joints.
20. Clean rasped insulation board in preparation for base coat application.

### 3.07 BASE COAT PREPARATION

- A. Inspect adhered insulation board to ensure the installation meets the requirements set forth in Master Wall Inc.'s specification, details, data sheets, technical bulletins and the construction documents. Make necessary repairs to ensure the installation meets the requirements prior to commencement of the base coat application.
- B. Complete the backwrapping at all system terminations by embedding the reinforcing mesh as described in section 3.05 of this specification.

### 3.08 BASE COAT APPLICATION

- A. Apply the base coat to the entire surface of the substrate to the thickness required for the specified reinforcing mesh to be applied in a given area or for leveling.
  1. Standard and Detail Mesh requires a nominal 1/16" (1.6 mm).
- B. Immediately embed Master Wall Inc. reinforcing mesh into wet base coat with a trowel, working from the center toward the edges, until the mesh is fully covered and a smooth surface is achieved. The color of the mesh shall not be visible but a slight mesh pattern may be visible.
- C. Lap mesh 2 ½" (64 mm) minimum on all sides. (Do not lap Strong or Ultra mesh.)
- D. Reinforcing Mesh shall be continuous through all interior and exterior corners extending beyond the corner a minimum of 12" (305 mm) from both directions creating a minimum of two layers of standard reinforcing mesh on all interior and exterior corners.
- E. Foam shapes shall have reinforcing mesh embedded into the base coat.
- F. Allow the base coat to cure a minimum of 12 hours prior to additional base coat or finish coat applications.

### 3.09 FINISH COAT APPLICATION

- A. Superior Finish Coat Application
  1. Surface irregularities in the base coat, such as trowel marks and reinforcing mesh laps shall be corrected prior to the finish application.
  2. Prime surface with Master Wall Inc.® Primecoat or Sanded Primecoat tinted to match the selected finish color. Allow Primecoat or Roller-Flex to cure a minimum of 12 hours prior to finish coat application.
  3. Apply the Master Wall Inc.® Superior Finish in the color and texture as approved by the project owner or the project architect with sufficient manpower and equipment to insure a continuous operation without cold joints, scaffolding lines etc. Texture finish shall match approved jobsite samples. Thickness and coverage will vary depending on the specified final appearance.
  4. Trowel Application – (Perfect 2.0, Fine Sand 1.0, Medium Sand 1.5, Versatex 0.5)
    - a. Apply the Superior Finish to the clean, dry and cured base coat with a stainless steel trowel.
    - b. Level the surface to a uniform thickness of 3/32" to 1/8" (2.4-3.2 mm).
    - c. Float the Finish with a plastic float in a uniform motion to achieve the desired texture. (Versatex 0.5 cannot be floated easily. A second application of the Versatex 0.5 may be applied to create the desired texture.)
  5. Spray Application – (Perfect 2.0, Fine Sand 1.0, Medium Sand 1.5, Versatex 0.5)
    - a. Prime surface with Master Wall Inc.® Primecoat or Sanded Primecoat tinted to match the selected finish color. Allow Primecoat or Roller-Flex to cure a minimum of 12 hours prior to finish coat application.
    - b. Using a conventional plaster hopper gun or a proven pump, spray finish over the primed base coat to achieve desired texture using a circular overlapping pattern keeping the spray gun at a 90° angle to the surface and maintaining the same distance to the wall at all times.
    - c. Be cautious of flooding an area with too much finish because it may appear shinier when it dries.
  6. Specialty Finishes: Follow individual product data sheet application instructions.

### 3.10 JOB SITE CLEANUP



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- A. Clean work area in accordance with contract documents removing all excess materials, droppings and debris. Clean adjacent surfaces.
- B. Other trades may now install their work – Sheet Metal (Section 07620), Sealants (Section 07900), Mechanical (Section 15000), Electrical (Section 16000).

### 3.11 PROTECTION

- A. Stucco Renovation Coating System 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.®