



Stucco Cement Board Coatings

09 93 63

Direct Applied Exterior Finish System

Features & Benefits

- Easily Applied
- Durable Surfacing System
- Impact Resistant
- May be used with drainage mats
- Foam trim easily added

System Use

- Commercial
- Residential

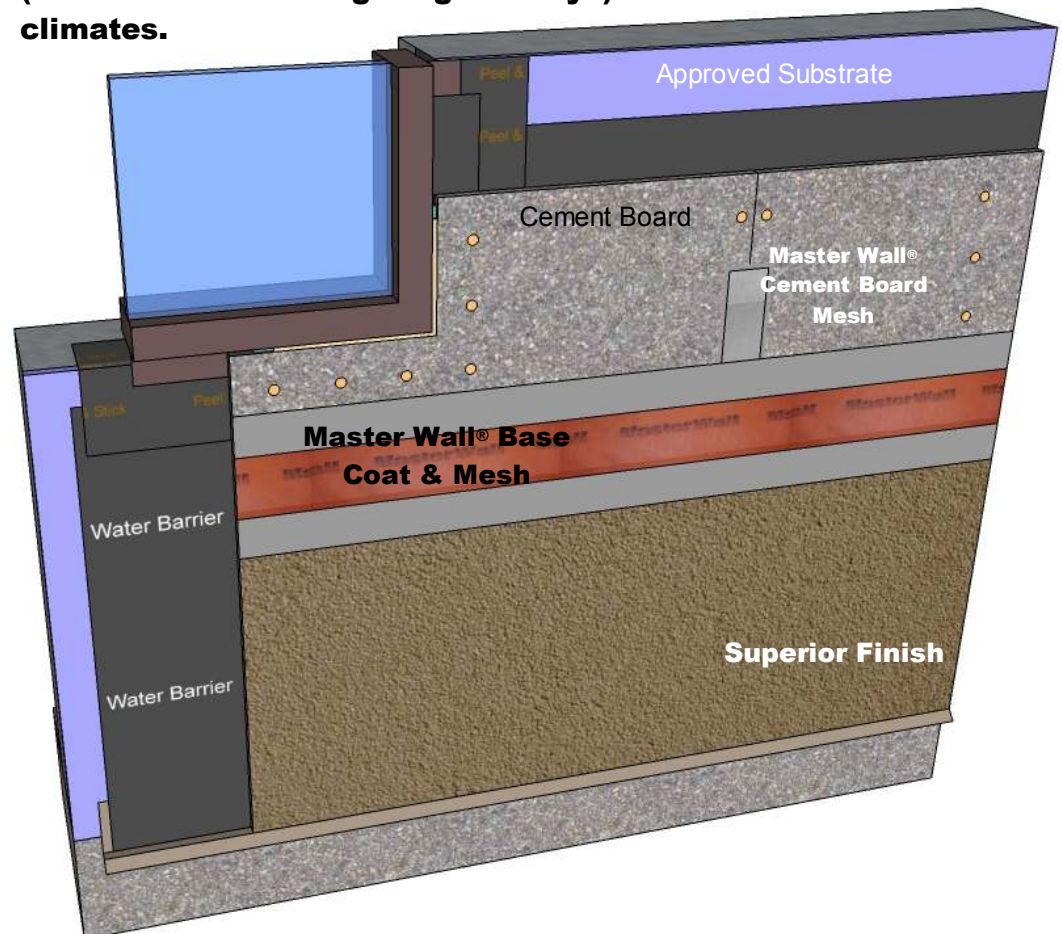
Attachment Method

- Mechanical

Stucco Cement Board Coatings are applied over a high strength water managed ASTM C1325 or C1186 cement board. The application provides high impact and weather resistance where exterior insulation value is not required.

The cement board installs easily over approved framing and substrates using one of two methods:

- Over an approved structural sheathing in conditioned northern or southern climates.
- Directly to structurally-controlled framing in southern climates (below 4000 Heating Degree Days) or unconditioned northern climates.



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PO Box 397 • Fortson • GA • 31808 • 800-755-0825 • Tech: 800-760-2861



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Short Form Specification

1.0 General

This is a short form specification. Refer to Stucco Cement Board Coatings specifications and details for additional information.

1.1 System Description

The Master Wall® Stucco Cement Board Coatings consists of a reinforced base coat and textured finish applied over a cement board substrate meeting ASTM C-1325 such as National Gypsum PermaBase®, James Hardie Hardipanel® smooth or USG Durock®.

1.2 Design Requirements:

- A. Reference Master Wall Inc.® suggested details and architectural drawings for specific detail requirements.
- B. Stucco Cement Board Coatings installed below the 4000 heating degree day line and unconditioned installations in northern climates may be applied directly to the framing/weather-resistive barrier.
- C. Slope all trim bands and surfaces a minimum of 1:2 (6" in 12") to shed water, maximum 12" (305mm) wide.
- D. Maximum deflection of substrates and framing shall not exceed L/360.
- E. Typical acceptable sheathings for structural or fire resistance include Dens Glass Gold® (ASTM C1177), FiberRock® or exterior gypsum sheathing (ASTM C1396).
- F. A code-approved weather-resistive barrier is required over the framing or sheathing and before cement board application.
- G. Expansion joints are required at building expansion joints, panel joints, floor lines in wood framed construction, and other areas where significant movement occurs.
- H. Control joints are required to be located by the designer. Reference Master Wall® specifications for specific recommendations.
- I. Detail and install any trim accessories according to the approved trim manufacturer's requirements (Plastic Components, Vinyl Corp. or approved equal).

1.3 Limitations:

- A. Cracking due to dimensional stress at board joints may appear in the finished exterior surface if control joints are not properly located for the regional climate conditions and structural movement. Cracking is not a warranty defect.
- B. Planar irregularities in framing may be more visible than with other applications.
- C. A secondary weather-resistive barrier is required under the cement board.
- D. Cement board manufacturer should be consulted for structural requirements.
- E. Depending upon framing and climate, some read-through of framing and/or fasteners may occur.
- F. Applications are limited to residential and low-rise commercial installations.

1.4 Quality Assurance

- A. Coatings shall be tested for: Accelerated weathering, mildew resistance, salt spray resistance and structural performance.
- B. Coatings shall have been tested for fire performance in accordance with ASTM E84.

1.5 Job Conditions

- A. Store all materials protected from weather and direct sunlight at temperatures above 40°F (5°C).
- B. The ambient and wall temperature shall be a minimum of 40°F (5°C) and shall remain so for at least 24 hours after installation.

2.0 Products

All components of the Stucco Cement Board Coatings shall be manufactured by Master Wall Inc.® and supplied by an authorized distributor.

- A. Master Wall Base Coats:
 1. F&M Plus: A high-build 100% pure acrylic-based fiber reinforced adhesive that is field mixed with Portland cement.
 2. MBB Plus: A ready to use dry base that is field mixed with water.
- B. Aggre-flex Mesh: Standard Mesh.
- C. Master Wall® Cement Board Mesh: Self adhesive lightweight mesh
- D. Superior Finish: 100% pure acrylic formulation with integral color and texture. Perfect Swirl 2.0, Fine Sand 1.0, Medium Sand 1.5, Versatex 0.5 textures.
- E. Master Wall Coatings:
 1. Primecoat/Sanded Primecoat: A water-based primer.
 2. Roller-flex: A water-based architectural finish coating.

3.0 Installation

- A. Inspect the cement board to ensure that it is free of all foreign materials that would affect the adhesion of Master Wall Inc. products.
- B. Apply the products in strict accordance with Master Wall® specifications, product data sheets, architectural drawings and architectural specifications.

We finish strong.

Information contained in this product data sheet conforms to the standard detail recommendations and specifications for the installation of Master Wall Inc.® products and is presented in good faith. Master Wall Inc.® assumes no liability, expressed or implied as to the architecture, engineering, or workmanship of any project. This information may be concurrent with, or superseded by other applicable documents, such as specifications and details. Contact Master Wall Inc.® for the most current product information. ©2016 Master Wall Inc.®

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