



Master Wall Inc.®
Building a Culture of Excellence

AGGRE-FLEX DRAINAGE EIFS

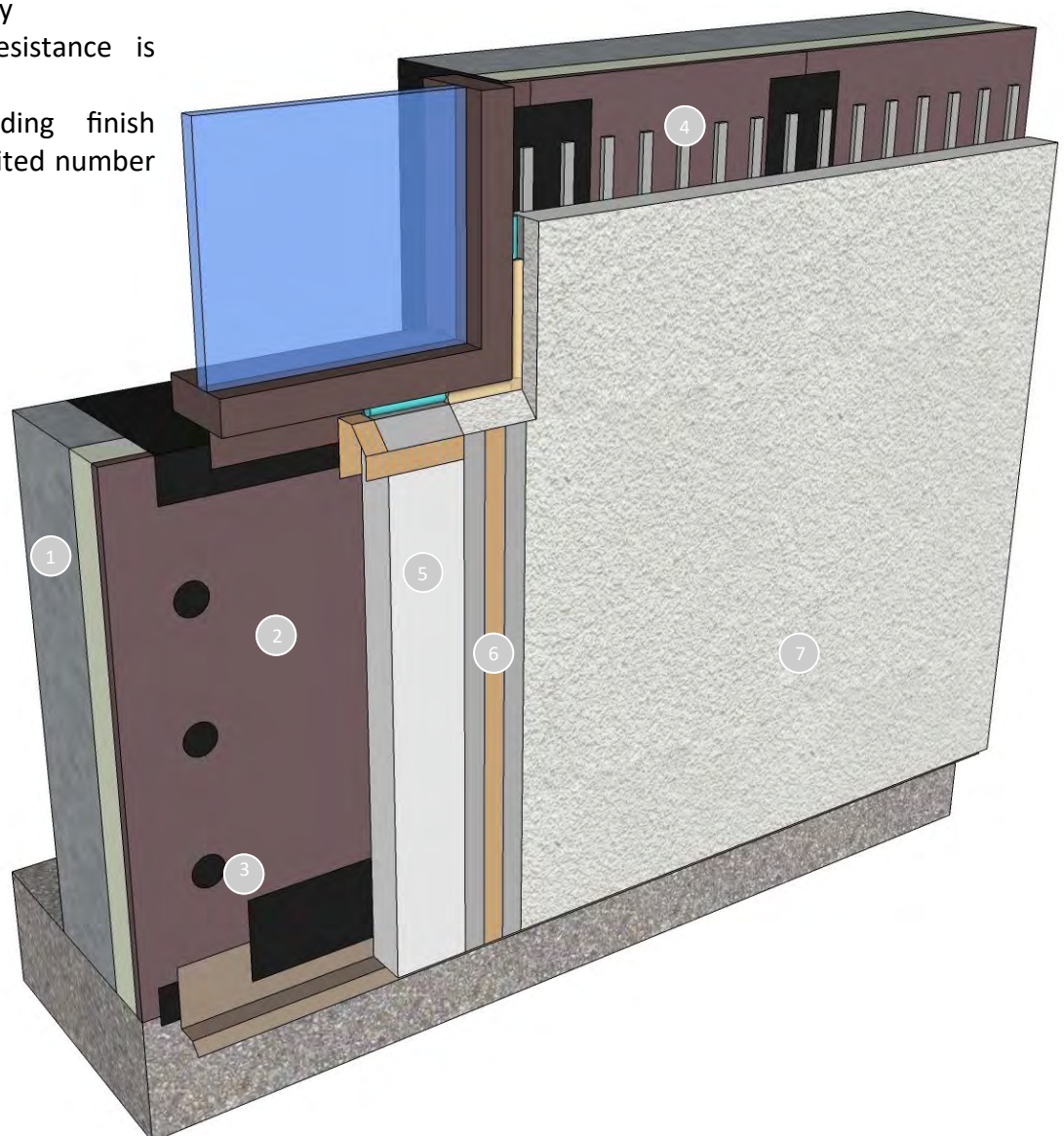
Master Wall Inc.® Aggre-flex Drainage System is an adhesively attached polymer based (Class PB Drainage) Exterior Insulation and Finish System (EIFS). The system is applied with Master Wall adhesives over the DuPont™ ArmorWall™ System to help speed the construction process.

Features & Benefits of the Master Wall® System

- 97% Drainage Efficiency
- Medium Impact Resistance is standard
- Easier, quicker building finish process with an unlimited number of colors and textures

Features & Benefits of the ArmorWall™ System

- Incorporates an integrated air/water-resistive barrier
- Achieves up to 93% continuous insulation thermal efficiency
- At R6.5/inch, ArmorWall™ panels may eliminate need for batt insulation
- Integrates with fire resistant ArmorWall™ panels
- ArmorWall™ incorporates continuous insulation and a water-Resistive Barrier



1. Framing
2. DuPont™ ArmorWall™ Plus Fire-Rated Structural Insulated Sheathing
3. DuPont™ LiquidArmor™ FJ Flashing and Joint Compound
4. Master Wall® Adhesive, vertically notched
5. Master Wall® Insulation Board
6. Master Wall Base Coat & Mesh
7. Superior Finish or Specialty Finishes

Short Form Specification

Specification Sections

06 16 13 - DuPont™ ArmorWall™ Plus Fire-Rated Structural Insulated Sheathing

07 24 19 - Master Wall Aggre-flex Drainage EIFS

1.0 General

This is a short form specification. Refer to Aggre-flex Drainage EIFS specifications and details for additional information.

1.1 System Description

The Master Wall® Aggre-flex Drainage Exterior Insulation and Finish System (EIFS) is a Class PB (Polymer Based) EIF System consisting of vertical channel adhesive attachment, insulation board, reinforcing mesh and a textured finish applied over DuPont™ ArmorWall™ Plus Fire-Rated Structural Insulated Sheathing .

1.2 Design Requirements:

- A. Reference Master Wall® suggested details and architectural drawings for specific detail requirements.
- B. Slope all surfaces a minimum of 1:2 (6" in 12") to shed water, maximum 12" (305 mm) wide.
- C. Maximum deflection of substrates shall not exceed L/240.
- D. Acceptable substrate for this application is DuPont™ ArmorWall™ Plus Fire-Rated Structural Insulated Sheathing .
- E. Expansion joints are required in the cladding at building expansion joints, panel joints, floor lines in wood framed construction, and other areas where significant movement occurs.

1.3 Quality Assurance

- A. The Aggre-flex Drainage System shall be recognized by local building codes.
- B. The system shall be meet or exceed ASTM C1397 and detailed in accordance with ASTM E2511.
- C. The system shall have been tested for fire performance in accordance with ASTM E108, ASTM E-84, NFPA 265, and NFPA 268.
- D. The system shall have been tested for drainage performance in accordance with ASTM E331.

1.4 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 Aggre-flex Drainage System shall be manufactured by Master Wall® and supplied by an authorized distributor.

A. Master Wall Adhesives:

1. Foam & Mesh Adhesive (F&M), F&M Plus: A 100% pure acrylic-based adhesive that is field mixed with Portland cement.
2. Master Wall® Bagged Base (MBB), MBB Plus: A ready to use dry base that is field mixed with water.
3. Guardian: A waterproof 100% pure acrylic-based fiber reinforced adhesive that is field mixed with Portland

C. Master Wall Insulation Board: Molded Expanded Polystyrene insulation board manufactured to Master Wall® specifications.

D. Aggre-flex Mesh: Available in Standard, Detail, Hi-Tech, Medium, Strong and Ultra.

E. Master Wall Base Coats:

1. Foam & Mesh Adhesive (F&M), F&M Plus.
2. Master Wall® Bagged Base (MBB), MBB Plus.
3. Guardian.

F. 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.

G. Specialty Finishes: Specialty finish blends of natural and man-made decorative specialty finishes and accents.

H. Master Wall Coatings:

1. Primecoat & Sanded Primecoat: A water-based primer.
2. SuperiorCote™: A water-based architectural finish coating.

3.0 Installation

A. Inspect the substrate to ensure that it is free of all foreign materials that would affect the adhesion of the Aggre-flex Drainage EIFS System.

B. Apply the system in strict accordance with Master Wall® specifications, product data sheets, architectural drawings and architectural specifications.

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