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QRW1 Drainage EIFS

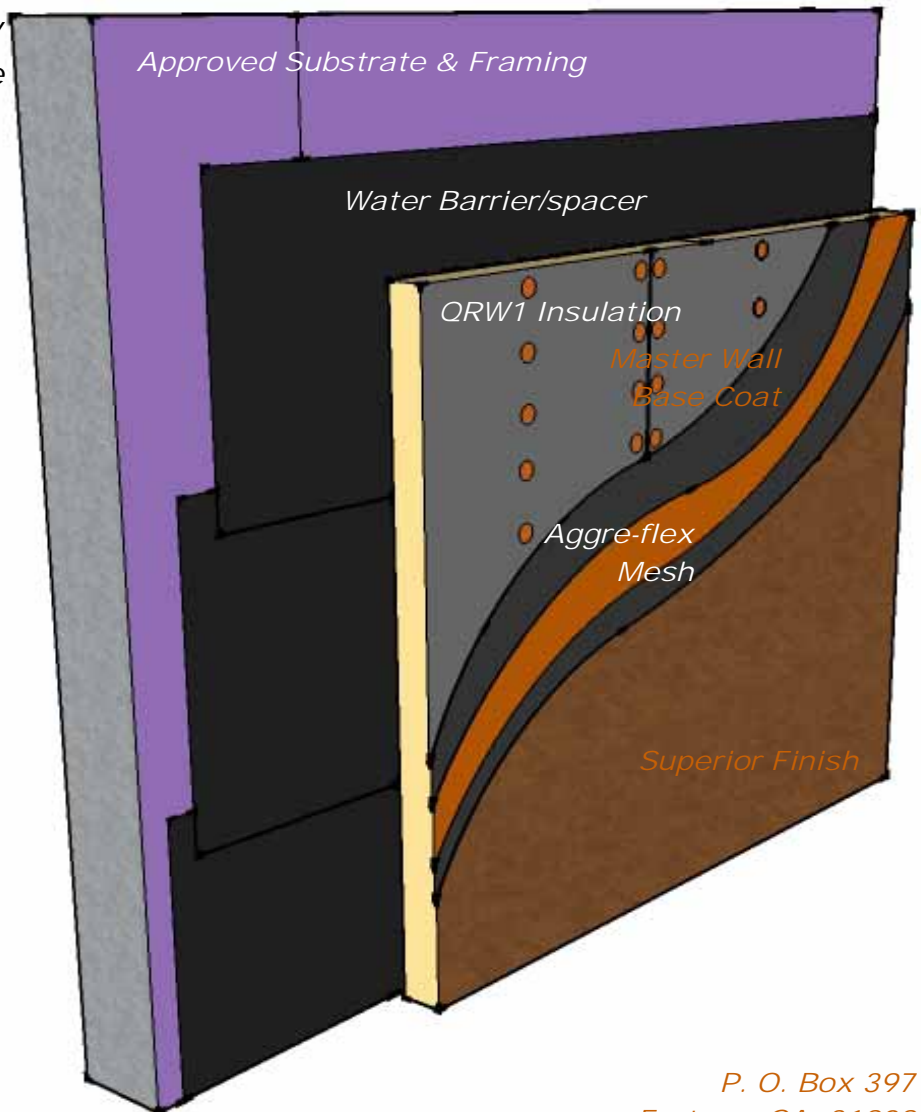
Drainage Type Exterior Insulation and Finish System

Master Wall's QRW1 System is a durable drainage system made for residential & light commercial construction. Its large insulation boards install easily and quickly over an approved water barrier. QRW1 may also use optional vent spacers or drainage mats for improved drainage.

Features & Benefits

- 98% Drainage Efficiency
- High Insulating Value (R-5 per inch)
- Easy Application

System Uses



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1.0 General

This is a short form specification. Refer to QRW1 Drainage specifications and details for additional information.

1.1 System Description

The Master Wall QRW1 Drainage Exterior Insulation and Finish System (EIFS) is a Class PI EIF System consisting of mechanical attachment, insulation board, reinforcing mesh and a textured finish.

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" (305mm) wide.
- C. Maximum deflection of substrates shall not exceed L/240.
- D. Typical acceptable substrates include painted or unpainted brick, unit masonry, concrete, stucco brown coat, exterior grade gypsum sheathing (ASTM C-79), Dens Glass Gold[®] (ASTM C-1177), CDX exterior grade plywood, Exposure 1 Oriented Strand Board (OSB). Contact Master Wall for other approved substrates.
- E. A code-approved weather-resistive barrier is required over the substrate.
- F. Expansion joints are required at building expansion joints, panel joints, floor lines in wood framed construction, and other areas where significant movement occurs.
- G. Control joints are required to be located by the designer. Reference Master Wall specifications for specific recommendations.
- H. Detail and install trim accessories according to the approved trim manufacturer's requirements (Plastic Components, Vinyl Corp. or approved equal).

1.3 Quality Assurance

- A. The system shall be tested for: Accelerated weathering, mildew resistance, salt spray resistance and structural performance.
- B. The system shall have been tested for fire performance in accordance with ASTM E-84.

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 QRW1 Drainage System shall be manufactured by Master Wall and supplied by an authorized distributor.

- A. Master Wall Approved Fasteners: Wind-Lock ULP-402 washer and appropriate fastener or approved equal.
- B. Polyisocyanurate Insulation Board: Thermax Quik-R by Dow or Stucco Shield II by Atlas Energy Products Division or Master Wall approved equal.
- C. Aggre-flex Mesh: Available in Standard, Detail, Hi-Tech, Medium, Strong and Ultra.
- D. 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. Master Wall Bagged Base (MBB): A ready to use dry base that is field mixed with water.
 3. EPSB: A ready to use non-cement acrylic copolymer base coat.
- E. Superior Finish: 100% pure acrylic formulation with integral color and texture. Perfect, Spray, Desert Sand, R-Coarse and Refinish textures.
- F. Master Wall Coatings:
 1. Primecoat: A water-based primer.
 2. Sanded Primecoat: Sanded water-based primer.
 3. Roller-flex: 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 application of the QRW1 Drainage System.
- B. Apply the system in strict accordance with Master Wall specifications, product data sheets, architectural drawings and architectural specifications.

See full specifications and
details at masterwall.com

More Information



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