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# ICF Coatings

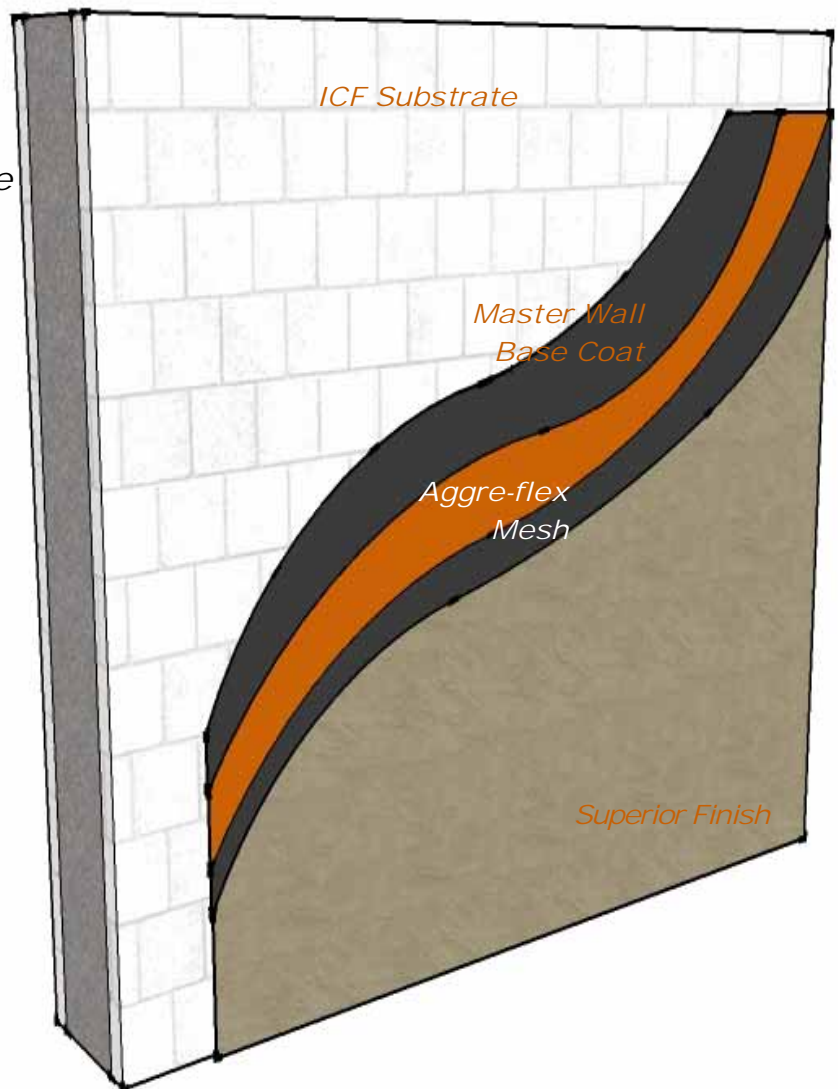
Direct-Applied Finish System

Today's Insulated Concrete Form (ICF) structures are made for Master Wall finishes. Most forms feature recessed ties making the installation as simple as rasping and leveling the forms followed by a base coat, either F&M, MBB or F&M Plus with either Standard or an upgraded reinforcing mesh. Finally, a Superior Finish is applied to complete the job.

## Features & Benefits

- Easily applied durable finish
- Design Flexibility
- Medium Impact Resistance is standard

### System Uses



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## 1.0 General

This is a short form specification. Refer to ICF Coatings specifications for additional information.

### 1.1 System Description

The Master Wall ICF Coating System consists of a leveling base coat, reinforcing mesh and a textured finish.

### 1.2 Design Requirements:

- A. Reference 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/360.
- D. Typical acceptable substrates rasped and leveled Type I Molded Expanded Polystyrene forms with embedded ties and a density of 1 pcf or greater. Exposed ties require an additional layer of Master Wall insulation board, 3/4" minimum. Contact Master Wall for other approved substrates.
- E. Expansion joints are required at building expansion joints, panel joints and other areas where significant movement occurs.

### 1.3 Quality Assurance

- A. The coatings shall be tested for: Accelerated weathering, mildew resistance, salt spray resistance and structural performance.
- B. The coatings 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 Master Wall ICF Finish System shall be manufactured by Master Wall and supplied by an authorized distributor.

### A. Master Wall Base Coats:

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

### B. Aggre-flex Mesh : Standard Mesh or other listed Aggre-flex Mesh.

### C. Superior Finish: 100% pure acrylic formulation with integral color and texture. Perfect, Spray, Desert Sand, R-Coarse and Refinish textures.

### D. 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 adhesion of the ICF.
- B. Apply the products in strict accordance with Master Wall specifications, product data sheets, architectural drawings and architectural specifications.

See full specifications and  
details at [masterwall.com](http://masterwall.com)