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StoTherm™ Signature System

Short Form Specification A 2WB

Section 07240

(Refer to Long Form Specification A 2WB for detailed information on design requirements, substrates, performance data, mixing and installation instructions)

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Materials and installation of Class PB EIF System with secondary weather barrier and air barrier.

1.02 DELIVERY, STORAGE AND HANDLING

- A. Deliver all EIFS materials in their original sealed containers bearing manufacturer's name and identification of product.
- B. Protect coatings (pail products) from freezing and temperatures in excess of 90° F (32° C). Store away from direct sunlight.
- C. Protect Portland cement based materials (bag products) from moisture and humidity. Store under cover off the ground in a dry location.

1.03 COORDINATION/SCHEDULING

(The work in this section requires close coordination with related sections and trades)

- A. Coordinate installation of windows, doors and other penetrations through the system so air barrier is connected with them to form a continuous air barrier assembly.
- B. Coordinate installation of foundation waterproofing, roofing membrane, windows, doors and other penetrations to provide a continuous air barrier.
- C. Install sill flashing, copings and sealant in sequence specified to ensure the assembly is airtight and protected from environment prior to the removal of any temporary protection.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Sto Corp.
- B. Plastic Components, Inc. (Starter Track)
- C. Provide EIFS components, secondary weather barrier, air barrier and accessories from single source EIFS manufacturer or approved supplier.

2.02 SECONDARY WEATHER BARRIER AND AIR BARRIER

- A. Sto Flexyl – trowel-applied, acrylic-based, fiber-reinforced secondary weather barrier and air barrier.

2.03 ADHESIVE

- A. Sto BTS-Plus—One-component, polymer-modified, cement-based high build adhesive.

2.04 INSULATION BOARD

- A. Nominal 1.0 lb/ft³ (16 kg/m³) Expanded Polystyrene (EPS) Insulation Board in compliance with ASTM C 578 Type I requirements, and EIMA Guideline Specification for Expanded Polystyrene (EPS) Insulation Board. *(Note: minimum required thickness is 1-1/2 inches [38 mm]).*

2.05 BASE COAT

- A. Sto BTS-Plus—One-component polymer modified cement-based high build base coat with less than 33 percent Portland cement content by weight and capable of achieving 1/16 inch (1.6 mm) thickness in one pass.

2.06 REINFORCING MESHES

- A. Sto Mesh--nominal 4.8 oz./yd² (163 g/m²), symmetrical, interlaced open-weave glass fiber fabric made with minimum 25 percent by weight alkaline resistant coating for compatibility with Sto materials.
- B. Sto Armor Mat--nominal 15 oz./yd² (509 g/m²), ultra-high impact, double strand, interwoven, open-weave glass fiber fabric with alkaline resistant coating for compatibility with Sto materials *(recommended to a minimum height of 6'-0" [1.8 m] above grade at all areas accessible to pedestrian traffic [such as ground floors] as indicated on contract drawings).*

2.07 PRIMER

- A. Sto Primer—acrylic based primer.

2.08 FINISH COAT

- A. StoSilco Lit—silicone enhanced textured wall coating with graded marble aggregate.

2.09 JOB MIXED INGREDIENTS

- A. Water: Clean and potable.
- B. Portland cement: Type I

2.10 ACCESSORIES

- A. Starter Track— Rigid PVC (polyvinyl chloride) plastic track as furnished by Plastic Components, Inc., 9051 NW 97th Terrace, Miami, Florida 33178 (800 327-7077)

2.12 MIXING

- A. Mix materials in accordance with manufacturer's published instructions.

PART 3 EXECUTION**3.01 INSTALLATION**

- A. Install secondary weather barrier, air barrier, and Class PB EIFS in compliance with manufacturer's published instructions.

3.02 PROTECTION



- A. Provide protection of installed material from dust and dirt, precipitation, freezing, continuous high humidity and damage from other trades or building components.
- B. Provide permanent protection of installed materials from water infiltration into or behind them.

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