SECTION: 09 25 13.13 Acrylic Plaster Finish

Decoplast Direct Applied Finish System (DAFS) for Soffits and Ceilings Specification

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PART 1 GENERAL

1.1 SUMMARY

A. Provide textured finish system for exterior gypsum or cement board soffit and ceiling surfaces.

Design Note: This guide specification covers installation of a Class A textured finish system over building code compliant soffit or ceiling construction. It does not address air sealing, soffit or ceiling ventilation, construction detailing, flashing, drip edges, and other important aspects of design and construction that must be taken into consideration to prevent water infiltration, to prevent condensation caused by air leakage or water vapor diffusion, and to comply with applicable fire safety requirements. Consult a qualified design professional for overall design of the soffit/ceiling assembly.

1.2 SUBMITTALS

A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used. Include manufacturer's Material Safety Data Sheets.

1.3 REFERENCES

A. ASTM C1177, Standard Specification for Glass Mat Gypsum Substrate for Use as Sheathing

B. ASTM C1325, Standard Specification for Non-Asbestos Fiber-Mat Reinforced Cementitious Backer Units

1.4 QUALITY ASSURANCE

A. Manufacturer's Qualifications: The textured finish system manufacturer shall be a company with at least ten years of experience in manufacturing specialty finishes and regularly engaged in the manufacture and marketing of products specified herein.

B. Installer's Qualifications: The contractor shall be qualified to perform the work specified by reason of experience. Contractor shall have at least 5 years of experience in commercial textured finish application and shall have completed at least 3 projects of similar size and complexity.

C. Mock-ups: The contractor shall install a mock-up of the system for evaluation and approval by the design professional, building owner, or owner’s representative/quality assurance agent.

D. Testing: Testing if required shall be conducted as directed by the design professional, building owner, or owner’s representative/quality assurance agent to verify soffit/ceiling assembly performance and adhesion to prepared substrates.

1.5 DELIVERY, STORAGE AND HANDLING

A. Deliver products in original packaging, labeled with product identification, manufacturer, and batch number
B. Store products in a dry area with temperatures maintained between 50° and 85° degrees F° (10° and 29° degrees C). Protect from direct sunlight. Protect from freezing. Protect from extreme heat (>90 degrees F [32 degrees C]).
C. Handle products in accordance with manufacturer's printed instructions.

1.6 WARRANTY

A. Provide manufacturer's standard limited warranty.

PART 2 PRODUCTS

2.1 MATERIALS

A. Textured Finishes (select one)
B. Provide EIFS finish materials manufactured by Decoplast and compatible with the specified system. Final selection of finish appearance is determined by finish tier designation and Drawings.
C. Finish Tiers: Basis of Pricing:
    A. Tier 1 – Acrylic Textured Finishes: Factory-mixed DPR acrylic EIFS finishes with uniform texture applied by trowel or spray. Includes smooth, fine, medium, and coarse textures.
    B. Tier 2 - Elastomeric Textured Finishes: Flexible acrylic or elastomeric EIFS finishes designed to accommodate increased movement and provide enhanced crack-bridging capability compared to standard acrylic textured finishes.
    C. Tier 3 – Silicone-Enhanced Hydrophobic Textured Finishes: EIFS finishes incorporating silicone-enhanced polymers to improve water repellency, dirt resistance, and long-term color stability compared to standard acrylic finishes.
    D. Tier 4 – Specialty Architectural Finishes: EIFS finishes incorporating aggregates, patterns, or enhanced aesthetics beyond standard textured finishes, including specialty architectural or decorative finishes.
    E. Tier 5 – Simulated Masonry or Veneer Finishes: EIFS finishes designed to replicate the appearance of brick, stone, wood, or other masonry or veneer materials, including specialty veneer-style finish systems.

2. Primer (optional component)
    A. Decoplast Acrylic Primer – acrylic-based sanded primer.
    B. Decoplast PrimerTex– acrylic-based HOT primer designed to neutralize high PH bases.

A. Base Coat (select one)
    a. Decoplast Premium Dry – one component polymer modified Portland cement extra high build base coat
    b. Decoplast Liquid – two component polymer modified Portland cement base coat
    c. Decoplast Groundcoat – elastomeric waterproof two component modified Portland cement

B. Reinforcement
    a. Decoplast Standard Mesh – nominal 4.5 oz/yd^2 (153 g/m^2) glass fiber reinforcing mesh treated for compatibility with Decoplast materials
    b. Decoplast Detail Mesh – nominal 4.2 oz/yd^2 (142 g/m^2) glass fiber reinforcing mesh treated for compatibility with Decoplast materials

C. Gypsum or Cement Soffit Board (select one)
   a. eXP® glass mat faced gypsum sheathing in compliance with ASTM C1177
   b. DensGlass® glass mat faced gypsum sheathing in compliance with ASTM C1177
   c. PermaBase® Brand cement board in compliance with ASTM C1325
   d. Kratos MX7 MGO board

PART 3 EXECUTION

3.1 INSTALLATION

A. General Surface Preparation
   1. **Texture Finish Selection and Substrate Preparation**
      A. Provide substrate surface conditions suitable for the specified finish texture. Minor surface imperfections, trowel marks, and incidental undulations may be concealed by selecting a coarser texture.
      B. For **fine-texture finishes**, prepare the substrate to a higher level of smoothness. Apply additional base-coat layers as required to achieve a uniform, smooth surface capable of receiving the fine finish without telegraphing substrate irregularities.
      C. The **approved mock-up** shall serve as the standard of acceptance for final appearance, including texture uniformity, visibility of substrate imperfections, and the number of base-coat applications necessary to replicate the approved finish.

B. Gypsum or cement soffit board must be installed in conformance with the applicable building code and manufacturer's written installation instructions. Gypsum or cement soffit board surface must be clean, dry, and free of surface contamination. Soffit board surface shall not have planar irregularities in excess of 1/16 inch (1.6 mm) and shall be free of voids, cracks, and other surface defects.

C. Mixing
   1. Mix Decoplast products in accordance with published literature. Refer to applicable Product Bulletins for specific information on use, handling, application, precautions, and limitations of specific products.

D. Application
   1. Install corrosion proof termination accessories per ASTM D1784 (PVC) with perforated flanges for keying of the base coat at junctures with penetrations such as soffit vents, electrical fixtures, and with abutting walls and columns.
   2. Install corrosion proof control joints per ASTM D1784 (PVC) with perforated flanges for keying of the base coat at intervals as required by the soffit board manufacturer.
   3. Reinforce perforated flanges of accessories with minimum 4 inch (102 mm) wide strips of Decoplast Detail Mesh or Decoplast Mesh embedded in base coat. Where cement board is used tape joints between boards with minimum 4 inch (102 mm) wide Decoplast Detail Mesh and skim with base coat. Allow base coat to dry.
   4. Install nominal 1/8-inch (3 mm) base coat by trowel to the soffit/ceiling board surface. Work horizontally or vertically in strips of 40 inches (1016 mm) and immediately embed the Decoplast Mesh into the wet base coat by troweling from the center to the edge of the mesh. Overlap mesh installed at perforated accessory flanges by installing Decoplast Mesh up to the termination bead of the accessory. Overlap mesh not less than 2-½ inches (64 mm) at mesh seams and feather at seams. Double wrap all inside and outside corners with minimum 8-inch (203 mm) overlap in each direction (except where corner bead is used at outside corners lap mesh over perforated flange of accessory). Avoid wrinkles in the mesh. The mesh must be fully embedded so that no mesh color shows through the base coat when it is dry. Re-skim with additional base

coat if mesh color is visible. Do not install base coat and mesh onto solid (unperforated) portions of accessories.

5. When the base coat application is dry apply the primer by brush or roller to the entire base coat surface.
6. Decoplast Textured Finish Application - when the primer application is dry apply the textured finish by trowel. Apply finish in a continuous application and work to a wet edge. Float the finish to achieve the desired texture.
7. Always refer to applicable Application Guide and/or Product Bulletin for selected finish.

E. Protection

1. Provide protection of installed materials from water infiltration into or behind them during and after construction.
2. Provide protection of installed materials from dust, dirt, precipitation, freezing and continuous high humidity until they are fully dry.
3. Seal penetrations through the finished surface with backer rod and sealant or other appropriate means.

END OF SECTION 09 25 13

IMPORTANT GENERAL PRODUCT USE NOTE

Products referenced in this Section are intended for use by qualified professional contractors as components of a larger construction assembly designed by a qualified design professional, general contractor, or builder. Install products in accordance with the Contract Documents and the manufacturer's written instructions. Greenmaker Industries disclaims responsibility for on-site inspections; for products installed improperly or by unqualified persons or entities; for use within assemblies that are improperly designed or constructed; for failures of adjacent components or assemblies; or for any construction activities beyond the manufacturer's control. Improper use of these products, or use within an improperly designed or constructed assembly, may result in damage to the products and to the building or its components**. GREENMAKER INDUSTRIES DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, EXCEPT FOR LIMITED WRITTEN WARRANTIES ISSUED TO AND ACCEPTED BY BUILDING OWNERS UNDER THE MANUFACTURER'S CURRENT WARRANTY PROGRAMS**. For the most current information regarding installation requirements, mixing, application, cleanup, specifications, cautions, and warranty provisions, refer to www.decoplast.com website.