

Section 07241**DIRECT FINISH SYSTEM FOR SOFFITS AND
CEILING ONLY****INTRODUCTION**

This specification is for Direct Finish applications to soffits and ceilings only on the following substrates: PermaBase cement board (or other ASTM C1325 Type A exterior approved boards); Aqua-Tough underlayment; poured concrete/unit masonry; DensGlass Gold sheathing (ASTM C1177); exterior gypsum sheathing (ASTM C79); stucco; or exterior gypsum soffit board (ASTM C931).

TECHNICAL SUPPORT

Consult our Technical Services Department for specific recommendations concerning all other applications. Consult the Finestone website, www.finstone.basf.com, for additional information about products and systems and for updated literature.

PART 1 - GENERAL**1.01 SECTION INCLUDES**

- 1.01.1 Finestone Direct Finish System: Soffit and ceiling direct finish system typically consisting of base coat, reinforcing mesh and finish coat.
- 1.01.2 Schedule of Finestone finish coat.

1.02 RELATED SECTIONS

Products installed, but not supplied under this section: concrete substrate; masonry substrate; cold-formed metal framing; sheet metal flashing and trim; perimeter flashings; sealants; metal support systems and gypsum board.

1.03 SUBMITTALS

Submit product data on Finestone Direct Finish System components, shop drawings, system samples, system manufacturer's certificate of approval of applicator, system manufacturer's letter that materials meet or exceed specified requirements, and system manufacturer's installation instructions.

1.04 QUALITY ASSURANCE MEASURES

- 1.04.1 Manufacturer: More than 10 years in the EIFS industry, with more than 1000 completed EIFS projects.
- 1.04.2 Applicator: Approved by Finestone in performing work of this Section.
- 1.04.3 Regulatory Requirements: Conform to applicable code requirements for finish system.
- 1.04.4 Field Samples
 - A. Construct one field sample panel for each color and texture, illustrating method of attachment, surface finish, color and texture, prepared using the same tools and techniques to be used for the actual application.
 - B. Locate sample panel where directed.

1.05 DELIVERY, STORAGE, HANDLING AND SITE CONDITIONS

Comply with manufacturer's recommendations regarding environmental conditions for its materials.

1.06 SEQUENCING AND SCHEDULING

- 1.06.1 Coordinate and schedule installation of Finestone Direct Finish System with related work of other sections.
- 1.06.2 Coordinate and schedule installation of trim, flashing, and joint sealers to prevent water infiltration behind the System.

1.07 WARRANTY

- 1.07.1 Provide Finestone one year direct finish materials replacement warranty for Finestone Direct Finish System installations under provisions of Section [01700] [01740] [].
- 1.07.2 Comply with Finestone project review requirements and notification procedures to assure qualification for warranty.

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PART 2 - PRODUCTS

2.01 MANUFACTURERS

2.01.1 Finestone Direct Finish System manufactured by Finestone.

2.02 MATERIALS

2.02.1 Finestone Base Coats:

Adhesives/Base Coat (A/BC): 100% acrylic base coat, field-mixed with Portland cement; manufactured by Finestone.

-OR-

A/BC 1-step: dry-mix base coat containing Portland cement, manufactured by Finestone.

2.02.2 [Portland cement: conform to ASTM C150, Type I, II, or I/II, grey or white; fresh and free of lumps.]

2.02.3 Water: Clean and potable without foreign matter.

2.02.4 Reinforcing Mesh: MIL-Y-1140G; Balanced, open weave glass fiber reinforcing mesh; twisted multi-end strands treated for compatibility with Finestone Direct Finish System components. Standard Mesh: standard weight.

2.02.5 Finestone Finish Coat: Pebbletex 100% acrylic resin finish; air cured, compatible with base coat; Finish color factory-mixed; color [] as selected; Finish texture as scheduled. Check product bulletins for complete application instructions and for the use of Finestone coatings for priming of the base coat in certain applications.

PART 3 - EXECUTION

3.01 EXAMINATION

3.01.1 Verify project site conditions under provisions of Section [01039] [].

3.01.2 Acceptable substrates must be securely fastened per applicable building code requirements.

3.01.3 Examine surfaces to receive Finestone Direct Finish System and verify that substrate and adjacent materials are dry, clean, cured, sound and free of releasing agents, paint, or other residue or coatings. Verify substrate surface is flat, free of fins or planar irregularities greater than 6.4 mm in 3 m (1/4" in 10').

3.01.4 Acceptable substrates are PermaBase cement board (or other ASTM C1325 Type A exterior approved cement boards) DensGlass Gold sheathing (ASTM C1177), Aqua-Tough underlayment; exterior gypsum soffit board, exterior gypsum sheathing, unpainted and unglazed poured concrete and unit masonry, and Stucco.

3.01.5 Control/Expansion joint type and placement shall be the responsibility of the architect/engineer and substrate manufacturer.

3.01.6 Unsatisfactory conditions shall be reported to the general contractor and corrected before application of the Finestone Direct Finish System.

3.02 PREPARATION

3.02.1 Protect all surrounding areas and surfaces from damage and staining during application of Finestone Direct Finish System.

3.02.2 Protect finished work at end of each day to prevent water penetration.

3.03 MIXING

General: No additives are permitted unless specified in product mixing instructions. Close containers when not in use. Prepare in a container that is clean and free of foreign substances. Do not use a container which has contained or been cleaned with a petroleum-based product. Clean tools with soap and water immediately after use.

3.04 APPLICATION

General: Apply Direct Applied Finish System materials in accordance with Specifications.

3.04.1 Finestone Base Coat/Reinforcing Mesh: Base coat shall be applied so as to achieve reinforcing mesh embedment with no reinforcing mesh color visible

[A. Sheathed substrates:

1. Apply mixed base coat to entire surface of substrate with a stainless steel trowel to embed the reinforcing mesh.
2. Immediately place Standard Reinforcing Mesh against wet base coat and embed the reinforcing mesh into the base coat by troweling from the center to the edges.
3. Lap reinforcing mesh 64 mm (2-1/2") minimum at edges.
4. Ensure reinforcing mesh is continuous at corners, void of wrinkles and embedded in base coat so that

no mesh color is visible.

5. If required, apply a second layer of base coat to achieve full reinforcing mesh embedment and specified base coat thickness.]

-OR-

[A. Concrete/Unit Masonry/Stucco Substrates

1. Apply mixed base coat to entire surface of substrate with a stainless steel trowel to a thickness that will achieve minimum required base coat thickness for uniform appearance.
2. If required, apply a second layer of base coat to achieve specified base coat thickness.
3. Allow base coat to dry hard (normally 8 to 10 hours) before proceeding to application of Finestone finish coat.]

Note: Fineprime or Sanded Primer may be applied to dry base coat layer prior to finish coat. Application is done to help color uniformity and reduce suction of stucco, concrete and unit masonry substrates.

[3.04.2 Finish Coat

- A. Apply and level finish coat during same operation to minimum obtainable thickness consistent with uniform coverage.
- B. Maintain a wet edge on finish coat by applying and texturing continually over the wall surface.
- C. Work finish coat to corners, joints, or natural breaks and do not allow material to set up within an uninterrupted wall area.
- D. Float finish coat to achieve final texture.

3.05 CLEANING

Clean adjacent surfaces and remove excess material, droppings, and debris.

3.06 PROTECTION

Protect finished work.

NOTE

BASF Wall Systems is an operating unit of BASF Construction Chemicals, LLC. (herein after referred to as "BASF Wall Systems")

TECHNICAL SUPPORT

For further details, specifications, questions, specific recommendations, or the most recent product information, please consult the BASF Wall Systems Technical Services Department: Toll-free 800-221-9255 or our website, www.finestone.basf.com

DISCLAIMER

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RESIDENTIAL POLICY

On one- and two-family residential framed construction, FINESTONE requires that the wall system selected be one that includes provisions for moisture drainage. The choices include Pebbletex D line of drainage EIFS, FINESTONE Stucco Systems and Finescreen Cement Board Stucco Systems. There are no exceptions to this policy. Under no circumstances will FINESTONE warrant the use of any other system on this type of construction without expressed written authorization from FINESTONE. [Residential construction using EIFS on masonry (CMU) or poured concrete does not require the additional water management provisions described above.] Consult FINESTONE Technical Service Department for specific recommendations concerning all other applications.

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