

**Section 07241****PEBBLETEX-D10**

CClass PB EIFS incorporating a rainscreen technology based upon the use of an air/barrier and drainage plane

**INTRODUCTION**

This Specification has been assembled to enable the design professional to select or delete sections to suit the project requirements and is intended to be used in conjunction with Finestone typical details, bulletins, etc.

Air Seals at any joints/gaps between adjoining components (penetrations, etc.) are of primary importance to maintain continuity of the air barrier system and must be considered by the design professional in the overall wall assembly design.

This specification refers to applications of the Pebbletex-D10 System to the following substrates: PermaBase brand cement board (or other ASTM C1325 Type A Exterior approved cement boards), Fiberock AquaTough Sheathing, e<sup>2</sup>XP™ by National Gypsum, GlasRoc® and GlasRoc® Type X by Certainteed, DensGlass® Gold sheathing (ASTM C1177), gypsum sheathing (ASTM C79/C1396), Exposure 1 or exterior plywood sheathing (Grade C-D or better), Exposure 1 OSB.

**TECHNICAL INFORMATION**

Consult our Technical Services Department for specific recommendations concerning all other applications. Consult the Finestone website, [www.finestone.basf.com](http://www.finestone.basf.com), for additional information about products and systems and for updated literature.

**PART 1 - GENERAL****1.01 SECTION INCLUDES**

- A.** Refer to all drawings and other sections of this specification to determine the type and extent of work therein affecting the work of this section, whether or not such work is specifically mentioned herein.
- B.** Pebbletex-D10 System: Composite wall Exterior Insulation and Finish System consisting of Secondary air/weather barrier, PermaLath 1000 or expanded galvanized metal lath, Adhesive, rigid insulation, Base Coat, Reinforcing Mesh, and Finish Coat.
- C.** Finestone products are listed in this specification to establish a standard of quality. Any substitutions to this specification shall be submitted to and receive approval from the Architect at least 10 days before bidding. Proof of equality shall be borne by the submitter.
- D.** The system type shall be Pebbletex-D10 System as manufactured by BASF Construction Chemicals-Wall Systems, Jacksonville, Florida (hereinafter referred to as BASF Wall Systems).

**1.02 RELATED SECTIONS**

- A.** Section 03300 Concrete Substrate
- B.** Section 04200 Masonry Substrate
- C.** Section 05400 Cold-formed metal framing: Light gauge load-bearing metal framing
- D.** Section 06001 Plywood Substrate
- E.** Section 06110 Wood Framing
- F.** Section 07195 Air Barriers
- G.** Section 07620 Sheet Metal Flashing and Trim: Perimeter Flashings
- H.** Section 07650 Flexible Flashing
- I.** Section 07900 Sealants
- J.** Section 08000 Doors and windows
- K.** Section 09100 Metal Support Systems
- L.** Section 09110 Non-load-bearing wall framing: Non-load-bearing metal framing systems

# PEBBLETEX - D10

- M. Section 09250 Exterior Gypsum substrates
- N. Section 09206 Metal Lath

## 1.03 DEFINITIONS

- A. Exterior Insulation and Finish System: Exterior assembly comprised of rigid insulation, Adhesive, Base Coat, Reinforcing Mesh, and Finish Coat.
- B. Class PB Systems: A class of EIFS where the Base Coat varies in thickness depending upon the number of layers or thickness of Reinforcing Mesh. The reinforcing material is glass fiber mesh, which is embedded into the Base Coat at the time of installation. The Base Coat shall be applied so as to achieve Reinforcing Mesh embedment with no Reinforcing Mesh color visible, nominal 1.6 mm (1/16"). Protective Finish Coats, of various thicknesses, in a variety of textures and colors, are applied over the Base Coat.
- C. Rainscreen: A wall cladding design with an exterior surface for primary weather protection and aesthetics, that incorporates an inner secondary air/weather barrier to accommodate incidental moisture and direct it to the exterior.

## 1.04 SUBMITTALS

- A. Submit under provisions of Section [01300] [01340].
- B. Product Data: Provide data on Pebbletex-D10 System materials, product characteristics, performance criteria, limitations and durability.
- C. Shop drawings: Indicate wall joint pattern and joint details, thickness, and installation details.
- D. Samples: Submit [two] [ x ] [millimeter] [inch] size samples of Pebbletex-D10 System illustrating Finish Coat [custom] color and texture range.
- E. Certificate: System manufacturer's approval of applicator.
- F. System manufacturer's installation instructions: Indicate preparation required, installation techniques, jointing requirements and finishing techniques.

## 1.05 QUALITY ASSURANCE

- A. Manufacturer: More than 10 years in the EIFS industry, with more than 1000 completed EIFS projects.
- B. Applicator: Approved by Finestone in performing work of this section.
- C. Regulatory Requirements: Conform to applicable code requirements for finish system.
- D. Field Samples
  - 1. Provide under provisions of Section [01400] [ ].
  - 2. Construct one field sample panel for each color and texture, [ x ] [meters] [feet] in size of system materials illustrating method of attachment, surface Finish, color and texture.
  - 3. Prepare each sample panel using the same tools and techniques to be used for the actual application.
  - 4. Locate sample panel where directed.
  - 5. Accepted sample panel [may] [may not] remain as part of the work.
  - 6. Field samples shall be comprised of all wall assembly components including substrate, air/weather barrier, PermaLath 1000 or expanded galvanized metal lath, insulation board, Base Coat, Reinforcing Mesh, primer (optional), Finish Coat, and typical sealant/flashing conditions.
- E. Design and Detailing a Pebbletex-D10 System:
  - 1. General
    - a. The system shall be installed in strict accordance with current recommended published details and product specifications from the system's manufacturer.
    - b. Sealants and backer rod as required at dissimilar materials and expansion joints within the Pebbletex-D10 System shall provide a complete watertight system.
    - c. The use of dark colors must be considered in relation to wall surface temperature as a function of local climate conditions.
    - d. Minimum slope for all projections shall be 1:2 with a maximum length of 30.5 cm (12") [e.g. 15 cm in 30.5cm (6" in 12")], unless other manufacturer-approved detailing is shown on the construction documents.
  - 2. Substrate Systems
    - a. Deflection of the substrate systems shall not exceed L/240.
    - b. Acceptable substrates are PermaBase Cement-Board and other cement-boards conforming with ASTM C1325 (Type A-exterior) , poured concrete/unit masonry, Fiberock Aqua-Tough Sheathing, Dens-Glass Gold sheathing (ASTM C1177), gypsum sheathing (ASTM C79/C1396), Exposure I or exterior plywood (Grade C-D or better), or Exposure I OSB.
    - c. Painted and otherwise coated surfaces of brick, unit masonry, stucco and concrete shall be inspected and prepared as approved by BASF Wall Systems before application.

- d. Other substrates shall be approved by the system's manufacturer in writing prior to the application.
  - e. The applicator shall verify that the proposed substrate is acceptable prior to the Pebbletex-D10 System installation.
  - f. The substrate systems shall be engineered with regard to structural performance by others.
- 3. System Joints**
- a. Expansion joints in the system are required at building expansion joints, at prefabricated panel joints, floor-lines of wood frame construction, where substrates change and where structural movement is anticipated. It is the sole responsibility of the project design team, including the architect, engineer, etc., to ultimately determine specific expansion joint placement, width and design.
  - b. Reference construction documents for specific locations.
- 4. Coordination with Other Trades**
- Architect shall evaluate adjacent materials such as windows, doors, etc. for conformance to manufacturer's details. Adjacent trades shall provide scaled shop drawings for review.

**1.06 DESIGN RESPONSIBILITY**

- A.** It is the responsibility of both the specifier and the purchaser to determine if a product is suitable for its intended use. The designer selected by the purchaser shall be responsible for all decisions pertaining to design, detail, structural capability, attachment details, shop drawings and the like. BASF Wall Systems has prepared guidelines in the form of specifications, typical application details, and product bulletins to facilitate the design process only. BASF Wall Systems is not liable for any errors or omissions in design, detail, structural capability, attachment details, shop drawings or the like, whether based upon the information provided by BASF Wall Systems or otherwise, or for any changes which the purchasers, specifiers, designers or their appointed representatives may make to BASF Wall Systems published comments.

**1.07 DELIVERY, STORAGE AND HANDLING**

- A.** Deliver, store and handle products under provisions of Section [01600] [01610][ ].
- B.** Deliver Pebbletex-D10 System materials in original unopened packages with manufacturer's labels intact.
- C.** Protect Pebbletex-D10 System materials during transportation and installation to avoid physical damage.
- D.** Store Pebbletex-D10 System materials in cool, dry place protected from freezing. Store at no less than 4°C/40°F (10°C/50°F for CORONAMIST, FINEMIST, MICALUX™ and MICAMIST Finish).
- E.** Store insulation boards flat and protected from direct sunlight and extreme heat.
- F.** Store Pebbletex-D10 System Reinforcing Mesh, Flashing Tape /Flashing Tape FF flexible flashing in cool, dry place protected from exposure to moisture.

**1.08 PROJECT/SITE CONDITIONS**

- A.** Do not apply Pebbletex-D10 System in ambient temperatures below 4°C/40°F (10°C/50°F for CORONAMIST, FINEMIST, MICALUX™ and MICAMIST Finish). Provide properly vented, supplementary heat during installation and drying period when temperatures less than 4°C/40°F (10°C/50°F for CORONAMIST, FINEMIST, MICALUX™ and MICAMIST Finish).prevail.
- B.** Do not apply Pebbletex-D10 System materials to frozen surfaces.
- C.** Maintain ambient temperature at or above 4°C/40°F (10°C/50°F for CORONAMIST, FINEMIST, MICALUX™ and MICAMIST Finish) during and at least 24 hours after Pebbletex-D10 System installation and until dry.

**1.09 SEQUENCING AND SCHEDULING**

- A.** Coordinate and schedule installation of Pebbletex-D10 System with related work of other sections
- B.** Coordinate and schedule installation of trim, flashing, and joint sealers to prevent water infiltration behind the system.
- C.** Coordinate and schedule installation of windows, doors, A/C units, air seals etc.

**1.10 WARRANTY**

- A.** Provide Finestone seven-year limited materials warranty and seven-year materials and labor moisture drainage warranty for Pebbletex-D10 System installations under provisions of Section [01700] [01740] [ ].
- B.** Comply with Finestone project review requirements and notification procedures to assure qualification for warranty

# PEBBLETEX - D10

## PART 2 PRODUCTS

### 2.01 MANUFACTURERS

Pebbletex-D10 System (Class PB System) manufactured by BASF Wall Systems.

### 2.02 MATERIALS

- A. Air/Weather Barrier**
1. FLASHING PRIMER: water-based primer for use prior to application of FINESTONE FLASHING TAPE FF on all acceptable surfaces.
  2. FINESTONE FLASHING TAPE FF: 30-mil thick, self-sealing, self-healing composite membrane of polyester fabric and rubberized asphalt. Compatible with FINESTOP or FINESTOP-RA Air/Weather Barrier.  
- OR -  
Finestone SELF-ADHERING MESH TAPE 4: 100 mm (4") balanced, open weave glass fiber reinforcing mesh with adhesive; twisted multi-end strands treated for compatibility with system components for use with FINESTOP  
- OR -  
STANDARD MESH: 100 mm (4") balanced, open weave glass fiber Reinforcing Mesh; twisted multi-end strands treated for compatibility with system components for use with FINESTOP.  
- OR -  
4" SHEATHING FABRIC: 100mm (4") spunbonded non-woven reinforced polyester web for use with FINESTOP-RA.
  3. FINESTOP™: 100% acrylic-based, fiber-reinforced Air/Weather Barrier that is field mixed with Type I or Type II Portland cement.  
- OR -  
FINESTOP-RA: ready-mixed, flexible Air/Weather Barrier  
- OR -  
Other code approved secondary air/weather barrier.]
- Note: Refer to current FINESTOP or FINESTOP-RA product bulletin and Finestone® Moisture Protection Guidelines for additional information and complete installation instructions.**
- B. PermaLath 1000**, open weave three-dimensional, self-furred nominal 6mm (1/4") thick glass fiber reinforcing lath  
- OR -  
Expanded galvanized metal lath, 3.4-pounds-per-squareyard (1.3 kg/m<sup>2</sup>), diamond-patterned, complying with ASTM C 847.
- C. Adhesives/Base Coats**
- [1. ADHESIVE/BASE COAT (A/BC) Base Coat: 100% acrylic base coat, field-mixed with Portland cement; manufactured by BASF Wall Systems]
  - [2. A/BC 1-STEP: Dry-mix base coat containing Portland cement; manufactured by BASF Wall Systems]
  - [3. FINEGUARD BASE COAT: 100% acrylic-based, water-resistant base coat, field-mixed with Portland cement; manufactured by BASF Wall Systems]
  - [4. FINEBUILD BASE COAT: Fiber-reinforced, 100% acrylic base coat, field-mixed with Portland cement; manufactured by BASF Wall Systems]
- [D. Portland cement:** Conform to ASTM C150, Type I, II, or I/II, grey or white; fresh and free of lumps.]
- E. Water:** Clean and potable without foreign matter.
- F. Insulation Board:** Expanded polystyrene; ASTM C578, Type I; Flame spread less than 25, smoke developed less than 450 per ASTM E84, UL 723; minimum density 15.22 kg/m<sup>3</sup> (0.95 lb/ft<sup>3</sup>; K=6.09 per mm (0.24 per inch); 19 mm (3/4") thickness minimum as indicated on drawings; meeting the following:
- a. Air-dried (aged) six weeks, or equivalent, prior to installation.
  - b. Edges: square within 0.8 mm per meter (1/32" per foot).
  - c. Thickness: tolerance of plus or minus 1.6 mm (1/16").
  - d. Size: 0.6 m x 1.22 m (2' x 4').
  - e. Length and width: tolerance of plus or minus 1.6 mm (1/16").
- G. Finestone Reinforcing Mesh:** MIL-Y-1140G; Balanced, open weave glass fiber reinforcing mesh; twisted multi-end strands treated for compatibility with Pebbletex-D10 System components.
- [1. STANDARD MESH: Standard weight.]
  - [2. INTERMEDIATE 6: Medium weight.]
  - [3. INTERMEDIATE 12: Intermediate weight.]
  - [4. STRONG 15: Heavy weight, used only in combination with STANDARD MESH or INTERMEDIATE 6.]
  - [5. HI-IMPACT 20: Heavy weight, used only in combination with STANDARD MESH or INTERMEDIATE 6.]
  - [6. STANDARD MESH [ & ]: Combination]
  - [7. CORNER MESH: Intermediate weight, pre-marked for easy bending, for reinforcing at exterior corners.]
- [H. SANDED PRIMER:** 100% acrylic-based coating; color [ ]; as manufactured by BASF Wall Systems]
- [I. TOP COAT:** 100% acrylic-based coating; color [ ] to closely match the selected Finestone Finish Coat color; manufactured by BASF Wall Systems]

- [J. FINEPRIME: 100% acrylic-based primer; color [ ] to closely match the selected Finestone Finish Coat color; manufactured by BASF Wall Systems]
- K. Finestone Finish Coat: PEBBLETEX 100% acrylic resin finish; air cured, compatible with Base Coat; Finish color factory-mixed; color [ ] as selected; Finish texture [NATURAL SWIRL] [LIMESTONE] [FINETEX] [CLS 1.5] [MOJAVE] [ENCAUSTO VERONA] [METALLIC] [MICAMIST] [FINEMIST] [CORONAMIST] [MICALUX] as scheduled.]
  - Note: Select Finish Coat color with a light reflectance value (LRV) of 20% or higher. The use of dark colors (LRV less than 20%) is not recommended with EIF Systems that incorporate expanded polystyrene (EPS). EPS has a sustained service temperature limitation of approximately 71°C (160°F).**
- [L. MAXIMUM A/S: Factory mixed additive, for maximum resistance to soiling. Siloxane polymer (silicone) is added. Silicone polymers reduce mildew and algae growth, stay cleaner, and are hydrophobic.]
- [M. X-L: Factory mixed mildew protection additive]
  - Note: Maximum A/S and X-L factory mixed additives may only be added to standard Pebbletex Finishes, Aggrelastic Finishes and standard Finestone coating products and are not intended for use in Finestone Specialty Finishes.**
- [N. BASF Wall System's AnticoGlaze™: 100% acrylic stain, manufactured by BASF Wall Systems]

## 2.03 ACCESSORIES

Starter Track: Rigid polyvinyl chloride (PVC) track, UV resistant for exterior use, with a drip edge to allow moisture to shed down the surface, as furnished by Plastic Components, Inc. or equal. Accessories shall conform to ASTM D1784 and C1063.

## PART 3 EXECUTION

### 3.01 EXAMINATION

- A. Verify project site conditions under provisions of Section [01039] [ ].
- B. Walls
  - 1. Substrates
    - a. Trowel applied air/weather barrier acceptable substrates: PermaBase brand cement board and other cement boards conforming to ASTM C1325 (Types A-exterior), poured concrete/unit masonry, Fiberock Aqua-Tough Sheathing, Dens-Glass Gold sheathing (ASTM C1177), gypsum sheathing (ASTM C79/C1396).
    - b. Roller applied air/weather barrier acceptable substrates: PermaBase brand cement board and other cement boards conforming to ASTM C1325 (Types A-exterior), Fiberock Aqua-Tough Sheathing, Dens-Glass Gold sheathing (ASTM C1177), gypsum sheathing (ASTM C79/C1396), Exposure 1 or exterior plywood sheathing (Grade C-D or better), Exposure 1 OSB. Consult the BASF Wall Systems Technical Services Department for all other applications.
    - c. Wall sheathings must be securely fastened per applicable building code requirements.
    - d. Maximum deflection not to exceed L/240 of span under positive or negative design loads unless otherwise approved in writing by BASF Wall Systems before installation.
    - e. Examine surfaces to receive Pebbletex-D10 System and verify that substrate and adjacent materials are dry, clean, sound, and free of releasing agents, paint, or other residue or coatings. Verify substrate is flat, free of fins or planar irregularities greater than 6.4 mm in 3 m (1/4" in 10').
  - 2. Flashings
    - a. Openings must be flashed with a minimum 230 mm (9") strip of Secondary Moisture Barrier prior to window/door, HVAC, etc. installation. Refer to Flashing Tape FF product bulletin and Finestone® Moisture Protection Guidelines from Finestone for additional information and complete installation instructions.
    - b. Windows and openings shall be flashed according to design and Building Code Requirements.
    - c. Individual windows that are ganged to make multiple units require continuous head flashing and/or the joints between the units must be fully sealed.
  - 3. Utilities
    - The system must be properly terminated (back-wrapped a min. of 2", sealed, flashed) at all penetrations, lighting fixtures, electrical outlets, hose bibs, dryer vents, etc.
  - 4. Air/Weather Barrier
    - Verify that the [Finestone FLASHING PRIMER/FLASHING TAPE FF] [Finestone SELF-ADHERING MESH TAPE 4] [100 mm (4") STANDARD MESH Reinforcing Mesh] / FINESTOP is installed over the substrate in accordance with the FINESTOP product bulletin and Finestone® Moisture Protection Guidelines.
    - OR -
    - Verify the [100 mm (4") SHEATHING FABRIC/FINESTOP-RA] according to the FINESTOP-RA product bulletin. Refer to current FINESTOP or FINESTOP-RA product bulletin and Finestone® Moisture Protection Guidelines from Finestone for additional information and complete installation instructions.]
  - 5. Roof
    - Verify that all roof flashings have been installed in accordance with the guidelines set by the Asphalt Roofing Manufacturers Association (ARMA).

# PEBBLETEx - D10

6. Kick-out flashing must be installed leak-proof and angled (min 100°) to allow for proper drainage and water diversion.
7. Air Seals  
Install between the primary air/weather barrier and other wall components (penetrations, etc.) in order to maintain continuity of the air barrier system.
- C. Unsatisfactory conditions shall be reported to the general contractor and/or builder and/or architect and/or owner. Do not proceed until all unsatisfactory conditions have been corrected.

## 3.02 PREPARATION

- A. Protect all surrounding areas and surfaces from damage and staining during application of Pebbletex-D10 System.
- B. Protect finished work at end of each day to prevent water penetration.
- C. Substrate preparation: Prepare substrates in accordance with Finestone instructions.

## 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.

- A. Air/Weather Barrier
  1. FINESTOP™
    - a. Mix FINESTOP with a clean, rust-free paddle and drill until thoroughly blended before adding Portland cement.
    - b. Mix one part (by weight) Portland cement with one part FINESTOP. Add Portland cement in small increments, mixing until thoroughly blended after each additional increment.
    - c. A small amount of clean, potable water per mixed pail (30 lbs of FINESTOP) may be added to adjust workability. Do not overwater.
  2. FINESTOP-RA
    - a. Mix FINESTOP-RA with a clean, rust-free paddle and drill until thoroughly blended.
- B. Finestone Base Coat
  1. ADHESIVE/BASE COAT (A/BC), FINEGUARD, and FINEBUILD Base Coat
    - a. Mix Base Coat with a clean, rust-free paddle and drill until thoroughly blended, before adding Portland cement.
    - b. Mix one part (by weight) Portland cement with one part Base Coat. Add Portland cement in small increments, mixing until thoroughly blended after each additional increment.
    - c. A small amount of clean, potable water may be added to adjust workability.
  2. A/BC 1-STEP Base Coat
    - a. Mix and prepare each bag in a 19-liter (5-gallon) pail.
    - b. Fill the container with approximately 5.6-liters (1.5-gallons) of clean, potable water.
    - c. Add A/BC 1-STEP Base Coat in small increments, mixing after each additional increment.
    - d. Mix A/BC 1-STEP Base Coat and water with a clean, rust-free paddle and drill until thoroughly blended.
    - e. Additional A/BC 1-STEP Base Coat or a small amount of clean, potable water may be added to adjust workability.
- C. Finestone SANDED PRIMER, FINEPRIME, and Finish Coats
  1. Mix the factory-prepared material with a clean, rust-free paddle and drill until thoroughly blended.
  2. A small amount of clean, potable water may be added to adjust workability.
  3. Additives are not permitted.
  4. Close container when not in use.
  5. Clean tools with soap and water immediately after use.

## 3.04 APPLICATION

General: Apply Pebbletex-D10 System materials in accordance with Pebbletex-D10 System Specifications.

- A. Accessories
  1. Attach Starter Track level and per manufacturer's instructions.
  2. Air/Weather Barrier
    - a. All sheathing joints and windows/openings must be protected and the air/weather barrier applied in accordance with Finestone® Moisture Protection Guidelines.
    - b. Substrate shall be of a type approved by BASF Wall Systems.
    - c. Substrate shall be dry, clean, sound, and free of releasing agents, paint, or other residue or coatings. Verify substrate is flat, free of fins or planar irregularities greater than 6.4 mm in 3 m (1/4" in 10').
    - d. Unsatisfactory conditions shall be reported to the General Contractor and corrected before application of the air/weather barrier.
    - e. Apply the [Finestone FLASHING PRIMER/FLASHING TAPE FF] [SELF-ADHERING MESH TAPE 4] [100 mm (4") STANDARD MESH Reinforcing Mesh] / FINESTOP over the substrate in accordance with the FINESTOP product bulletin.  
-OR -  
Apply the [100 mm (4") SHEATHING FABRIC/FINESTOP-RA] in accordance with the FINESTOP-RA product bulletin.]
    - f. Installed materials should be checked before continuing system application.

- g. Ensure [STANDARD MESH Reinforcing Mesh/FINESTOP] [FLASHING PRIMER/ FLASHING TAPE FF] [SELF-ADHERING MESH TAPE 4] [100 mm (4") STANDARD MESH Reinforcing Mesh] / FINESTOP] [4" SHEATHING FABRIC/FINESTOP-R] overlaps the top flange of the starter track.
- B. Lath**
- 1. PermaLath 1000 application must be in accordance with BASF Wall Systems product bulletin 1032008  
-OR -  
Expanded galvanized metal lath application must be in accordance the requirements of Chapter 25 of the applicable code (Chapter 7 of the IRC).
- C. Insulation Board:**
- 1. Vertical surfaces: begin at base from firm, permanent, or temporary support.
  - 2. Apply horizontally in a running bond pattern.
  - 3. Pre-cut insulation board to fit openings and projections. Insulation board must be a single piece around corners of openings. Stagger vertical joints and corners. Stagger insulation and sheathing board joints.
  - 4. Apply mixed [ADHESIVE/BASE COAT] [A/BC 1-STEP] [FINEGUARD] [FINEBUILD] Base Coat to entire surface of insulation board using a stainless steel trowel with 13 mm x 13 mm (1/2"x 1/2") notches spaced 50 mm (2") apart.
  - 5. Immediately set board into place and apply pressure over entire surface of board to ensure positive uniform contact and high initial grab. Do not slide board into place. Do not allow Base Coat to dry prior to installing.
  - 6. Abut all joints tightly and ensure overall flush level surface.
  - 7. Check adhesion periodically by removing a board prior to set. Properly installed insulation board will be difficult to remove and Finestone Adhesive/Base Coat will be adhered to both the FINESTOP/FINESTOP-RA and the insulation board.
  - 8. Fill 1/16" and larger gaps between insulation boards with slivers of insulation board.
  - 9. Rasp flush any irregularities of the insulation board greater than 1.6 mm (1/16").
  - 10. Install expansion joints and aesthetic grooves as indicated on drawings. Do not align aesthetic grooves with insulation board joints.
- D. Finestone Base Coat/Reinforcing Mesh: Base Coat shall be applied so as to achieve Reinforcing Mesh embedment with no Reinforcing Mesh color visible.**
- [1. Finestone CORNER MESH**
- a. Install CORNER MESH at exterior corners.
  - b. Apply CORNER MESH prior to application of Reinforcing Mesh.
  - c. Cut CORNER MESH to workable lengths.
  - d. Apply mixed [ADHESIVE/BASE COAT] [A/BC 1-STEP] [FINEGUARD] [FINEBUILD] Base Coat to insulation board at outside corners using a stainless steel trowel.
  - e. Immediately place CORNER MESH against the wet Base Coat and embed the CORNER MESH into the Base Coat by troweling from the corner; butt edges and avoid wrinkles.
  - f. After Base Coat is dry and hard, apply a layer of STANDARD MESH, INTERMEDIATE 6 or 12 Reinforcing Mesh over the entire surface of the CORNER MESH in accordance with 3.04 D.2.]
- 2. [STANDARD MESH] [INTERMEDIATE 6] [INTERMEDIATE 12] Reinforcing Mesh.**
- a. Install [STANDARD MESH] [INTERMEDIATE 6] [INTERMEDIATE 12] at [ ].
  - b. Apply mixed [ADHESIVE/BASE COAT] [A/BC 1-STEP] [FINEGUARD] [FINEBUILD] Base Coat to entire surface of insulation board with a stainless steel trowel to embed the Reinforcing Mesh.
  - c. Immediately place [STANDARD MESH] [INTERMEDIATE 6] [INTERMEDIATE 12] Reinforcing Mesh against wet Base Coat and embed the Reinforcing Mesh into the Base Coat by troweling from the center to the edges.
  - d. Lap Reinforcing Mesh 64 mm (2 1/2") minimum at edges.
  - e. Ensure Reinforcing Mesh is continuous at corners, void of wrinkles and embedded in Base Coat so that no Reinforcing Mesh color is visible.
  - f. If required, apply a second layer of Base Coat to achieve total nominal Base Coat/Reinforcing Mesh thickness of 1.6 mm (1/16").
  - g. Allow Base Coat with embedded Reinforcing Mesh to dry hard (normally 8 to 10 hours).
- [3. [STRONG 15 & STANDARD MESH] [STRONG 15 & INTERMEDIATE 6] [HI-IMPACT 20 & STANDARD MESH] [HI-IMPACT 20 & INTERMEDIATE 6] Reinforcing Mesh**
- a. Install [STRONG 15 & STANDARD MESH] [STRONG 15 & INTERMEDIATE 6] [HI-IMPACT 20 & STANDARD MESH] [HI-IMPACT 20 & INTERMEDIATE 6] Reinforcing Mesh at [ ].
  - b. Apply mixed [ADHESIVE/BASE COAT] [A/BC 1-STEP] [FINEGUARD] [FINEBUILD] Base Coat to entire surface of insulation board with a stainless steel trowel to embed the Reinforcing Mesh.
  - c. Immediately place [STRONG 15] [HI-IMPACT 20] Reinforcing Mesh against wet Base Coat and embed the Reinforcing Mesh into the Base Coat by troweling from the center to the edges.
  - d. Butt [STRONG 15] [HI-IMPACT 20] Reinforcing Mesh at all adjoining edges; do not use to backwrap or bend around corners.
  - e. Butt [STRONG 15] [HI-IMPACT 20] Reinforcing Mesh at adjoining edges of CORNER MESH.
  - f. Ensure Reinforcing Mesh is free of wrinkles and embedded in Base Coat so that no Reinforcing Mesh color is visible.
  - g. After Base Coat with embedded Reinforcing Mesh is dry and hard (normally 8 to 10 hours), apply a layer of [STANDARD] [INTERMEDIATE 6] Reinforcing Mesh over the entire surface in accordance with 3.04 C.2 to achieve total nominal Base Coat/ Reinforcing Mesh thickness of 2.4 mm (3/32").]

# PEBBLETEX - D10

- [E. Finestone [SANDED PRIMER] [TOP COAT]
1. Apply material to the Base Coat/Reinforcing Mesh in sealant joints with a high-quality, latex-type paintbrush.
  2. Work material continuously until a uniform appearance is obtained.
  3. Allow to dry thoroughly (approximately 24 hours) prior to application of sealant primer and sealant.]
- [F. Finestone FINEPRIME]
1. Apply FINEPRIME to the Base Coat/Reinforcing Mesh with a sprayer, 10 mm (3/8") nap roller, or good-quality latex paint brush at a rate of approximately 3.6–6.1 m<sup>2</sup> per liter (150–250 ft<sup>2</sup> per gallon).
  2. FINEPRIME shall be dry to the touch before proceeding to the Finestone Finish Coat application.]
- G. Finestone Finish Coat
- [1. Finestone Finish Coat: PEBBLETEX 100% acrylic resin finish; air cured, compatible with Base Coat; Finish color factory-mixed; color [ ] as selected; Finish texture [NATURAL SWIRL] [LIMESTONE] [FINETEX] [CLS 1.5] [MOJAVE] [ENCAUSTO VERONA] [METALLIC]
    - a. Apply Finish directly to the Base Coat with a clean, stainless steel trowel.  
**NOTE: 1. Certain colors may require the use of Finestone FINEPRIME over the Base Coat prior to application of Finish.]**
      2. **In order to minimize the possibility of base coat read-through with color #1Max White in NATURAL SWIRL, we recommend the use of FINEPRIME. Base Coat read-through with NATURAL SWIRL Finish in Max White is very applicator dependent. A color sample must be approved prior to product shipment. Also, slight color or texture variations may occur. Over time, and depending on its exposure, ENCAUSTO VERONA's appearance will achieve a soft, weathered patina. ENCAUSTO VERONA Finish will not hide imperfections in the base coat surface. Dark colors will show marks from scratching. Built-up applications of ENCAUSTO VERONA or FINETEX are not recommended as craze cracking can result.**
    - b. Apply and level Finish during the same operation to minimum obtainable thickness consistent with uniform coverage.
    - c. Maintain a wet edge on Finish by applying and texturing continually over the wall surface.
    - d. Work Finish to corners, joints or other natural breaks and do not allow material to set up within an uninterrupted wall area.
    - e. Float Finish to achieve final texture.]
  - [2. FINEMIST] [MICAMIST] [MICALUX] Finish Coat
    - a. Apply FINEPRIME to substrate in accordance with current Finestone FINEPRIME product bulletin. FINEPRIME shall be of corresponding color for selected [FINEMIST] [MICAMIST] [MICALUX] Finish color. Allow FINEPRIME to dry to the touch before proceeding to [FINEMIST] [MICAMIST] [MICALUX] Finish application.
    - b. Apply a tight coat of Finish with a clean, stainless steel trowel.
    - c. Maintain a wet edge on Finish by applying and leveling continually over the wall surface.
    - d. Work Finish to corners, joints or other natural breaks and do not allow material to set up within an uninterrupted wall area. Allow first coat to set until surface is completely dry prior to applying a second coat of Finish.
    - e. For a smooth appearance, use a stainless steel trowel and apply the second coat of Finish. Achieve final texture using circular motions.
    - f. For a textured appearance, apply the second coat of Finish using a spray gun and hopper.
    - g. Double-back to achieve final texture.
    - h. Total thickness of Finish shall be approximately 1.6 mm (1/16").
  - [3. CORONAMIST Finish
    - a. Apply FINEPRIME to substrate in accordance with current Finestone FINEPRIME product bulletin. FINEPRIME shall be of corresponding color for selected CORONAMIST Finish color. Allow FINEPRIME to dry to the touch before proceeding to CORONAMIST Finish application.
    - b. Apply a coat of CORONAMIST Finish using a spray gun and hopper, maintaining a wet edge. Work to corners, joints or other natural breaks and do not allow material to set up within an uninterrupted wall area.
    - c. Allow first coat of CORONAMIST Finish to set until surface is completely dry prior to applying a second coat of CORONAMIST Finish.
    - d. Apply a second coat of CORONAMIST Finish using a spray gun and hopper; double back to achieve final texture.
    - e. Thickness of CORONAMIST Finish may vary between 1.6 mm (1/16") and 3.2 mm (1/8"), depending upon texture.  
**Note: Spraying of CORONAMIST Finish should be by the same mechanics and in the same manner and direction on a particular elevation or project whenever possible, to maintain a uniform appearance. Maintain consistent air pressure to minimize texture variations. Stator or rotor design pumps are not recommended.]**
- [H. BASF Wall System's AnticoGlaze™:
1. Apply BASF Wall System's AnticoGlaze™ in accordance with recommendations contained in current product literature.]

## 3.05 CLEANING

- A. Clean work under provisions of Section [01700] [ ].
- B. Clean adjacent surfaces and remove excess material, droppings, and debris.

**3.06 PROTECTION**

Protect finished work under provisions of Section [01500] [ ].

**SCHEDULES**

FINESTONE FINISH COAT

FINISH	LOCATION
<b>A.</b> NATURAL SWIRL	_____
<b>B.</b> LIMESTONE	_____
<b>C.</b> FINETEX	_____
<b>D.</b> CLS 1.5	_____
<b>E.</b> MOJAVE	_____
<b>F.</b> MICAMIST	_____
<b>G.</b> FINEMIST	_____
<b>H.</b> CORONAMIST	_____
<b>I.</b> METALLIC	_____
<b>J.</b> ENCAUSTO VERONA	_____
<b>K.</b> MICALUX™	_____
<b>L.</b> ANTICOGLAZE™	_____

END OF SECTION

**PEBBLETEX - D10**

**NOTES**

## NOTES

**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](http://www.finestone.basf.com)

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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.

**BASF Wall Systems**

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