Pebbletex Adhered Mat Design

Specification

Introduction
This document is a short summary specification that provides preliminary information for the PEBBLETEX ADHERED MAT DESIGN. An expanded system specification containing complete application instructions is available on the Finestone® website, or by calling or writing BASF Construction Chemicals, LLC. - Wall Systems (herein after referred to as “BASF Wall Systems”). The expanded system specification enables the design professional to select or delete sections to suit the project requirements. The specification should be used in conjunction with Finestone typical details, product and technical bulletins, etc.

This specification refers to applications of the PEBBLETEX ADHERED MAT DESIGN to the following substrates: PermaBase Cement-Board and other cement-boards conforming with ASTM C1325 (Type A-exterior), poured concrete/unit masonry, Fiberock Aqua-Tough™ Sheathing, eXPTM by National Gypsum, GlasRoc® and GlasRoc® Type X by Certainteed, DensGlass Gold sheathing (ASTM C1177), gypsum sheathing (ASTM C1396), Exposure I or exterior plywood (Grade C-D or better), or Exposure I OSB.

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

PART 1 - GENERAL
1.01 SECTION INCLUDES
PEBBLETEX ADHERED MAT DESIGN (Class PB EIFS): composite wall exterior insulation and finish system consisting of secondary air/weather barrier, diamond metal lath, mechanical fasteners, Adhesive, rigid insulation, Base Coat, Reinforcing Mesh, and Finish Coat.

1.02 RELATED SECTIONS
Products installed, but not supplied under this section: acceptable substrates, cold-formed metal framing, wood framing, vapor retarders, air barriers, sheet metal flashing and trim, perimeter flashings, flexible flashing, sealants, metal support systems, metal lath, and gypsum board.

1.03 SUBMITTALS
Submit system guide on PEBBLETEX ADHERED MAT DESIGN components, shop drawings, and system manufacturer’s certificate of approval of applicator.

1.04 QUALITY ASSURANCE MEASURES
A. Manufacturer: More than 10 years in the EIFS industry, with more than 1000 completed EIFS projects. Member of EIMA.
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. 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.
   2. Locate sample panel where directed.

1.05 DELIVERY, STORAGE, HANDLING AND SITE CONDITIONS
Comply with manufacturer’s recommendations regarding the effects of environmental conditions for its materials.

1.06 SEQUENCING AND SCHEDULING
A. Coordinate and schedule installation of PEBBLETEX ADHERED MAT DESIGN 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 secondary moisture barrier, windows, doors, A/C units, etc.
1.07 WARRANTY
A. Provide Finestone ten-year materials warranty and ten-year materials and labor moisture drainage warranty for PEBBLETEX ADHERED MAT DESIGN installations under provisions of Section[01700] [01740] [ ].
B. Comply with Finestone project review requirements and notification procedures to assure qualification for warranty.

PART 2 - PRODUCTS
2.01 MANUFACTURERS
PEBBLETEX ADHERED MAT DESIGN (Class PB System) manufactured by BASF Wall Systems.

2.02 MATERIALS
A. Air/Weather Barrier
   1. a. BASF FLASHING PRIMER: water-based primer for use prior to application of BASF WS FLASH on all acceptable surfaces.
   - OR -
     BASF SELF-ADHERING MESH TAPE (4“ or 9“): balanced, open weave glass reinforcing mesh with adhesive; twisted multi-end strands treated for compatibility with PEBBLETEX components for use with FINESTOP.
   - OR -
     SHEATHING FABRIC: 4“ spunbonded non-woven reinforced polyester web for use with FINESTOP RA or FINESTOP VB.
   2. FINESTOP: 100% acrylic-based, fiber-reinforced Air/Weather Barrier that is field mixed with Type I or Type II Portland cement.
      - OR -
      FINESTOP RA or FINESTOP VB: ready-mixed, flexible Air/Weather Barrier.
      - OR -
      Other code approved secondary Air/Weather Barrier
B. Adhesives/Base Coats
   1. [A/BC] BASE COAT: 100% acrylic base coat, field-mixed with Portland cement; manufactured by BASF Wall Systems
   3. [FINEGUARD BASE COAT: 100% acrylic, 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]
C. Portland cement: conform to ASTM C150, Type I, II, or I/II, grey or white; fresh and free of lumps.
D. Water: clean and potable without foreign matter.
E. Insulation Board: expanded polystyrene in compliance with Finestone specifications.
F. Finestone Reinforcing Mesh to achieve the desired impact resistance, noting locations where greater than standard impact resistance is required.
G. [BASF TINTED PRIMER: 100% acrylic-based primer, available in a variety of colors to closely match any standard or custom Finestone Finish color.]
H. [COLOR COAT: 100% acrylic-based coating; color, to closely match the selected Finestone Finish Coat color]
I. Finestone Finish Coat: [PEBBLETEX 100% acrylic polymer finish; air cured, compatible with Base Coat; Finish color factory-mixed; color [ ] as selected; Finish texture [NATURAL SWIRL] [LIMESTONE] [FINETEX] [MOJAVE] [ENCAUSTO VERONA] [METALLIC] [AURORA TC-100] [AURORA STONE] [ALUMINA™] as scheduled.]

2.03 ACCESSORIES
A. 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.
B. Metal Lath 3.4lb/yd² (1.3 kg/m²), diamond pattern, expanded galvanized metal lath complying with ASTM C847.
PART 3 - EXECUTION

3.01 EXAMINATION
A. Substrates
   1. Acceptable substrates must be securely fastened per applicable building code requirements and manufacturer’s recommendations.
   2. Acceptable substrates and adjacent materials must be dry, clean, and sound. Substrate surface must be flat, free of fins or planar irregularities greater than 6 mm in 3 m (1/4” in 10’).
B. Flashings: As per Finestone details, all flashing around windows, at deck attachments, utility penetrations, roof lines, etc. and all kick-out flashing must be properly installed prior to application of PEBBLETEX ADHERED MAT DESIGN.
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.
D. Verify that the FINESTOP / FINESTOP RA / FINESTOP VB / WS FLASH or other code approved secondary Air/Weather Barrier is installed over the substrate per applicable building code requirements, manufacturer’s specifications, and PEBBLETEX ADHERED MAT DESIGN details prior to application of metal lath.

3.02 PREPARATION
A. Protect all surrounding areas and surfaces from damage and staining during application of PEBBLETEX ADHERED MAT DESIGN.
B. Protect finished work at end of each day to prevent water penetration.

3.03 MIXING
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 PEBBLETEX ADHERED MAT DESIGN materials in accordance with current PEBBLETEX Adhered Mat Design specifications.
A. Attach starter track level and per manufacturer’s instructions and PEBBLETEX Adhered Mat Design details. Ensure secondary barrier overlaps on top flange of the starter track.
B. Apply FINESTOP / FINESTOP RA / FINESTOP VB or other code approved secondary air/weather barrier. All sheathing joints and windows/openings must be protected and the air/weather barrier applied according to Finestone current Secondary Moisture Protection Guidelines.
C. Attach metal lath in accordance with ASTM C1063. Tightly abut metal lath, but do not overlap.
D. Install EPS insulation board horizontally, butting edges tightly, staggering vertical joints and corners, attaching securely using Finestone Base Coat. Fill gaps between insulation boards with slivers of insulation board and rasp entire wall flush.
E. Finestone Base Coat/Reinforcing Mesh shall be applied so as to achieve Reinforcing Mesh embedment with no Reinforcing Mesh color visible. Double layers of mesh must be applied at all inside and outside corners. Window corners also require secondary reinforcement as per details. Apply multiple layers of mesh and base coat where required for added impact resistance.
F. [Apply BASF COLOR COAT into sealant joints after Base Coat has dried.]
G. [Apply BASF TINTED PRIMER to the dry Base Coat/Reinforcing Mesh.]
H. Apply Finestone Finish Coat to match the specified Finish type, texture and color when Primer and/or Base Coat are dry.

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

3.06 PROTECTION
Protect finished work.
WARRANTY

BASF warrants this product to be free from manufacturing defects and to meet the technical properties on the current Product Bulletin, if used as directed within shelf life. Satisfactory results depend not only on quality products, but also upon many factors beyond our control. BASF MAKES NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ITS PRODUCTS. The sole and exclusive remedy of Purchaser for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is shipment to purchaser of product equal to the amount of product that fails to meet this warranty or refund of the original purchase price of product that fails to meet this warranty, at the sole option of BASF. In the absence of an extended warranty issued by BASF, any claims concerning this product must be received in writing within one (1) year from the date of shipment and any claims not presented within that period are waived by Purchaser. BASF WILL NOT BE RESPONSIBLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR PUNITIVE DAMAGES OF ANY KIND.

Purchaser must determine the suitability of the products for the intended use and assumes all risks and liabilities in connection therewith. This information and all further technical advice are based on BASF’s present knowledge and experience. However, BASF assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights, nor shall any legal relationship be created by or arise from the provision of such information and advice. BASF reserves the right to make any changes according to technological progress or further developments. The Purchaser of the Product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with a full application of the product(s). Performance of the product described herein should be verified by testing and carried out by qualified experts.

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