



PORTLAND CEMENT PLASTER

PART 1 – GENERAL

1.1 SECTION INCLUDES

- A. Pre-blended Lightweight One Coat Fiber Reinforced Stucco.
- B. Pre-Blended One Coat Fiber Reinforced Stucco

1.2 RELATED SECTIONS

- A. Section 03 30 00 - Cast-in-Place Concrete.
- B. Section 04 20 00 - Unit Masonry.
- C. Section 05 40 00 - Cold-Formed Metal Framing: Light gauge load-bearing metal framing.
- D. Section 06 10 00 - Rough Carpentry: Wood framing.
- E. Section 07 21 13 - Board Insulation.
- F. Section 07 92 00 - Joint Sealants.
- G. Section 09 22 16 - Non-Structural Metal Framing: Non-load-bearing metal framing systems.
- H. Section 09 22 36 - Metal Lath.
- I. Section 09 29 00 - Gypsum Board: Exterior gypsum sheathing.

1.3 REFERENCES

- A. American National Standards Institute (ANSI) / American Hardboard Association (AHA):
 - 1. ANSI/AHA A 194 - Cellulosic Fiber Board.
- B. ASTM International (ASTM):
 - 1. ASTM A 641/A 641M - Standard Specification for Zinc-Coated (Galvanized) Carbon Steel Wire.
 - 2. ASTM A 653/A 653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
 - 3. ASTM C 144 - Standard Specification for Aggregate for Masonry Mortar.
 - 4. ASTM C 150 - Standard Specification for Portland Cement.
 - 5. ASTM C 207 - Standard Specification for Hydrated Lime for Masonry Purposes.
 - 6. ASTM C 270 - Standard Specification for Mortar for Unit Masonry.
 - 7. ASTM C 578 - Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation.
 - 8. ASTM C 595 - Standard Specification for Blended Hydraulic Cements.
 - 9. ASTM C 612 - Standard Specification for Mineral Fiber Block and Board Thermal Insulation
 - 10. ASTM C 847 - Standard Specification for Metal Lath.
 - 11. ASTM C 897 - Standard Specification for Aggregate for Job-Mixed Portland Cement-Based Plasters.
 - 12. ASTM C 926 - Standard Specification for Application of Portland Cement-Based Plaster.
 - 13. ASTM C 932 - Standard Specification for Surface-Applied Bonding Agents for Exterior Plastering.
 - 14. ASTM C 933 - Standard Specification for Welded Wire Lath.
 - 15. ASTM C 954 - Standard Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs from 0.033 in. (0.84 mm) to 0.112 in. (2.84 mm) in Thickness.
 - 16. ASTM C 1002 - Specification for Steel Self-Piercing Tapping Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs.
 - 17. ASTM C 1032 - Standard Specification for Woven Wire Plaster Base.
 - 18. ASTM C 1063 - Standard Specification for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster.
 - 19. ASTM C 1177 - Standard Specification for Glass Mat Gypsum Substrate for Use as Sheathing.
 - 20. ASTM C 1325 - Standard Specification for Non-Asbestos Fiber-Mat Reinforced Cementitious Backer Units.
 - 21. ASTM C 1328 - Standard Specification for Plastic (Stucco) Cement.
 - 22. ASTM C 1396 - Standard Specification for Gypsum Board.
 - 23. ASTM D226/D226M - Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing.

C. Federal Specification (FS):

1. FS UU-B-790a - Building Paper, Vegetable Fiber: (Kraft, Waterproofed, Water Repellant and Fire Resistant).

D. ICC Evaluation Service, Inc. Code Report

1. ICC-ES AC11 Cementitious exterior wall coatings.

1.4 SYSTEM DESCRIPTION

A. **Metal Plaster Base:** 1-coat, Portland cement plaster applied over metal lath consisting of the following:

1. Secondary Weather Barrier
2. Metal lath.
3. 1/2" inch-thick nominal, 1-coat plaster system
 - a. 3/8" QUIKRETE® [Lightweight Fiber Reinforced Stucco (LWFRS)] or [Fiber Reinforced Stucco (FRS)]
 - b. Finish Coat.
4. 7/8" inch-thick nominal, 1-coat plaster system
 - a. 3/4" QUIKRETE® [Lightweight Fiber Reinforced Stucco (LWFRS)]
 - b. Finish Coat.

B. **Metal Plaster Base:** 1-coat, Portland cement plaster applied over continuous insulation consisting of the following:

1. Secondary Weather Barrier.
2. Rigid Insulation board
3. Self-furring metal lath
4. 1/2" inch-thick nominal, 1-coat plaster system
 - a. 3/8" QUIKRETE® [Fiber Reinforced Stucco (FRS)]
 - b. Finish Coat.
5. Per IAPMO ER-455

C. **Solid Plaster Base:** 2-coat, Portland cement plaster applied over solid plaster bases consisting of the following:

1. Unit Masonry
2. 1/2" inch-thick nominal, 2-coat plaster system
 - a. 3/8" QUIKRETE® [Lightweight Fiber Reinforced Stucco (LWFRS)] or [Fiber Reinforced Stucco (FRS)]
 - b. Finish Coat.
3. Cast-in- Place or Precast Concrete
4. 3/8" inch-thick nominal, 2-coat plaster system
 - a. 1/4" QUIKRETE® [Lightweight Fiber Reinforced Stucco (LWFRS)] or [Fiber Reinforced Stucco (FRS)]
 - b. Finish Coat

D. **Metal Plaster Base:** 3-coat, Portland cement plaster applied over metal lath consisting of the following:

1. Secondary Weather Barrier over sheathing.
2. Self-furring metal lath.
3. 7/8-inch-thick nominal, 3-coat plaster system.
 - a. Scratch coat: 3/8" QUIKRETE® [Lightweight Fiber Reinforced Stucco (LWFRS)] or [Fiber Reinforced Stucco (FRS)]
 - b. Brown coat: 3/8" QUIKRETE® [Lightweight Fiber Reinforced Stucco (LWFRS)] or [Fiber Reinforced Stucco (FRS)]
 - c. Finish Coat

E. **Metal Plaster Base over Solid Base:** 3-coat, Portland cement plaster applied over metal lath with solid plaster base consisting of the following:

1. 7/8-inch-thick nominal
 - a. Scratch coat: 1/2" QUIKRETE® [Lightweight Fiber Reinforced Stucco (LWFRS)] or [Fiber Reinforced Stucco (FRS)]
 - b. Brown coat: 1/4" QUIKRETE® [Lightweight Fiber Reinforced Stucco (LWFRS)] or [Fiber Reinforced Stucco (FRS)]
 - c. Finish Coat

F. **Metal Plaster Base:** 3-coat, Portland cement plaster applied over continuous insulation consisting of the following:

1. Secondary Weather Barrier.
2. Rigid Insulation board:

3. Self-furring metal lath
4. 7/8-inch-thick nominal, 3-coat plaster system.
 - a. Scratch coat: 3/8" QUIKRETE® [Lightweight Fiber Reinforced Stucco (LWFRS)] or [Fiber Reinforced Stucco (FRS)]
 - b. Brown coat: 3/8" QUIKRETE® [Lightweight Fiber Reinforced Stucco (LWFRS)] or [Fiber Reinforced Stucco (FRS)]
 - c. Finish Coat

1.5 SUBMITTALS

- A. Submit under provisions of Section 01 33 00 – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data.
- C. Samples: Submit selection and verification samples of colored finish
- D. Warranty: Submit stucco system warranty.

1.6 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Firm specializing in manufacture of pre-blended stucco materials, with minimum 10 years' experience.
- B. Applicator: Firm specializing in the application of pre-blended stucco materials, with minimum 5 years' experience.
- C. Regulatory Requirements: Conform to applicable code requirements for finish system.
- D. Mock-Up: Provide a mock-up of each type of stucco installation, using materials and systems specified in this Section; include at least one example of each type of accessory material.
 1. Construct mock-up in locations as indicated on drawings.
 2. Indicate texture, color and workmanship of finished work.
 3. Proceed with work only after the mock-up has been approved.
 4. Maintain the mock-up on site and remove at the completion of the project.
- E. Designing and Detailing:
 1. Follow the stucco manufacturers written installation instructions, published details, and technical information in the Design of the stucco systems.
 2. Sealants and backer rod are required at dissimilar materials and expansion joints within the stucco system to provide a watertight system.
 3. Minimum slope for all projections shall be 1:2 with a maximum length of 12" (30.5cm).
- F. Substrate Systems:
 1. Deflection of the substrate systems shall not exceed L/360.
 2. Acceptable substrates for stucco systems are water-resistant core exterior grade gypsum sheathing (ASTM C1396), Dens-Glass Gold® sheathing (ASTM C1177), fiberboard ANSI/AHA A 194, exposure 1 (Grade C-D or better) plywood, exposure 1 oriented strand board, cement board (ASTM C1325), poured concrete, and masonry units.
 3. Painted and otherwise coated surfaces of brick, unit masonry, stucco and concrete shall be prepared as approved by QUIKRETE ® Inc., technical department before application. Paint-on surface consolidates or primers shall not be used to bond stucco to painted surfaces.
 4. Consult QUIKRETE ® Technical Department for written approval of other substrates prior to beginning stucco work.
 5. Applicator to verify that the proposed substrate is acceptable prior to the stucco installation.
- G. System Joints:
 1. Expansion joints in the system are required at building expansion joints, at prefabricated panel joints, where substrates change and where structural movement is anticipated. Control joints are required at a minimum of every 144 ft. (13 sq. m) of wall surface area and where specified by the design professional. The maximum uncontrolled length or width is 18 lineal feet (5.5 lineal meters) and a maximum uncontrolled length to height ratio of 2-1/2:1.
- H. Pre-Installation Meeting: At least three weeks prior to commencing stucco work conduct a meeting at the project site to discuss contract requirements and job conditions; require the attendance of stucco installation contractor, and installers of related materials; notify Architect in advance of meeting.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, store and handle products under provisions of section 01 66 00.
- B. Deliver stucco materials in original unopened packages with manufacturer's labels intact.

- C. Protect stucco materials during transportation and installation to avoid physical damage.
- D. Store stucco materials in cool, dry place protected from freezing.
- E. Handle all products with appropriate precautions and care per MSDS.

1.8 PROJECT CONDITIONS

- A. Comply with ASTM C 926 requirements.
- B. Do not apply stucco materials in ambient temperatures below 4°C/40°F. Provide supplementary heat during installation and drying period when temperatures less than 4°C/40°F prevail.
- C. Do not apply stucco materials to frozen surfaces.
- D. Maintain ambient temperature at or above 4°C/40°F during and at least 24 hours after stucco installation and until dry.

1.9 SEQUENCING AND SCHEDULING

- A. Coordinate and schedule installation of the stucco materials with related work of other sections.
- B. Coordinate and schedule installation of trim, flashing, and joint sealers to prevent water infiltration behind the system.

1.10 WARRANTY

- A. Provide a stucco system warranty based on the information provided by the applicator or the distributor following the completion of the system.
- B. Comply with QUIKRETE® project review requirements and notification procedures to assure qualification for warranty.

PART 2 – PRODUCTS

2.1 MANUFACTURERS

- A. Cement Plaster (stucco)
 - 1. QUIKRETE® Companies., 5 Concourse Prkwy, Atlanta, GA 30328; Tel: 800-282-5828; Web: www.quikrete.com
 - 2. SPEC MIX® LLC, 4444 W 78th St, Minneapolis, MN 55435; Tel: 888-773-2649; Web: www.specmix.com
- B. Stone Wool Board Continuous Insulation
 - 1. Rockwool, 8024 Esquesing Line, Milton Ontario Canada L9T6 W3

Requests for substitutions will be considered in accordance with provisions of Section 01 25 00 – Substitution Procedures.

- C. Obtain products from a single manufacturer.

2.2 METAL LATH

- A. Expanded-Metal Lath: ASTM C 847 with ASTM A 653/A 653M, G60, hot-dip galvanized zinc coating.
 - 1. Diamond-Mesh Lath: Self-furring.
 - a. One-Coat Application: Minimum 2.5 lb/sq. yd.
 - b. Three-Coat Application: Minimum 2.5 lb/sq. yd.
- B. Wire-Fabric Lath:
 - 1. Woven-Wire Lath: ASTM C 1032; self-furring or Welded-Wire Lath: ASTM C 933; self-furring.
 - a. One-Coat Application: Minimum No. 20 gauge, 1” galvanized steel fabric.
 - b. Three-Coat Application: Minimum No. 20 gauge, 1” galvanized steel fabric.

2.3 PLASTER MATERIALS

- A. **Lightweight One Coat Fiber Reinforced Stucco:** QUIKRETE® Lightweight One Coat Fiber Reinforced Stucco (LWFRS) is a pre-blended cement based stucco mix containing Portland cement, hydrated lime, polyester and fiberglass fibers, aggregates and performance admixtures formulated to be used in a one, two or three coat application.
 - 1. Applicable Standards: ASTM C 144, ASTM C 150, ASTM C 157, ASTM C 207, ASTM C 348, ASTM C 595, ASTM C 897, ASTM C 926, ASTM C 1328 and ICC-ES AC11
- B. **One Coat Fiber Reinforced Stucco:** QUIKRETE® One Coat Fiber Reinforced Stucco (FRS) is a pre-blended cement based stucco mix containing Portland cement, hydrated lime, polyester and fiberglass fibers, aggregates and performance admixtures formulated to be used in a one, two or three coat application.
 - 1. Applicable Standards: ASTM C 144, ASTM C 150, ASTM C 157, ASTM C 207, ASTM C 348, ASTM C 595, ASTM C 897, ASTM C 926, ASTM C 1328 and ICC-ES AC11

2.4 ACCESSORIES

- A. General: Comply with ASTM C 1063 and coordinate depth of trim and accessories with thicknesses and number of plaster coats required.
- B. Metal Accessories:
 - 1. Weep Screed/Kick-out Flashing: Fabricated from hot-dip galvanized-steel sheet, ASTM A 653/A 653M, G60 (Z180) zinc coating. Beveled edge design to terminate finish system and drain internal moisture.
 - 2. Cornerite: Fabricated from metal lath with ASTM A 653/A 653M, G60 (Z180), hot-dip galvanized zinc coating.
 - 3. Corner Bead: Small nose corner bead with expanded flanges fabricated from zinc-coated (galvanized) steel.
 - 4. Casing Bead: Square-edged style with expanded flanges fabricated from zinc-coated (galvanized) steel.
 - 5. Control Joint: W-shaped accordion profile style with perforated flanges fabricated from zinc-coated (galvanized) steel.
 - 6. Expansion Joint: Two piece type slip-joint design fabricated from zinc-coated (galvanized) steel for application of backer rod sealant bead.
- C. Secondary Weather Barrier: A secondary weather barrier must be installed over sheathing substrates and wrapped into rough openings prior to installation of the stucco materials. Suitable secondary weather barriers include minimum grade D building paper complying with federal specifications UUB 790a or asphalt saturated felt complying with ASTM D 226, or other code-recognized equivalent.
 - 1. One layer of Grade D 60 minute paper with one layer of EPS or extruded polystyrene with tongue and groove edges.
 - 2. Two layers Grade D 60 minute paper are required by International Building Code (IBC) for wood-based sheathings. Check the applicable code and code compliance report for appropriate type.
 - 3. Two layers Asphalt-Saturated Organic Felt: ASTM D 226, Type I (No. 15 asphalt felt), un-perforated.
 - 4. Other approved secondary moisture barriers as approved by QUIKRETE ® and acceptable by current code jurisdictions.
- D. Flexible Flashing: 9" wide, 20 mil thick, self-sealing, self-healing rubberized asphalt laminated to a poly-ethylene film. Use over weather barrier at rough openings.

2.5 MISCELLANEOUS MATERIALS

- A. Water: Clean and potable without foreign matter.
- B. Bonding Compound: Complying with ASTM C 932 and as recommended by QUIKRETE ® Inc.
- C. Steel Drill Screws: For metal-to-metal fastening, ASTM C 1002 or ASTM C 954, as required by thickness of metal being fastened; with pan head that is suitable for application; in lengths required to achieve penetration through joined materials of no fewer than three exposed threads.
- D. Fasteners for Attaching Metal Lath to Substrates: Complying with ASTM C 1063.
- E. Wire: ASTM A 641/A 641M, Class 1 zinc coating, soft temper, not less than 0.0475-inch (1.21-mm) diameter.
- F. Sealant: As specified in Section 07 92 00 - Joint Sealants.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine areas and substrates, with Installer present, and including hollow-metal frames, cast-in anchors, structural framing, and lath for compliance with requirements and other conditions affecting performance of the Work.
- B. Substrates:
 - 1. Verify that acceptable substrates have been installation. Refer to Quality Assurance Article above.
 - 2. Wall sheathings must be securely fastened per applicable building code requirements.
 - 3. Examine surfaces to receive system and verify that substrate and adjacent materials are dry, clean, and sound. Verify substrate surface is flat, free of fins or planar irregularities greater than 1/4" in 10'-0".
- C. Flashings:
 - 1. Heads, jambs and sills of all openings must be flashed with a minimum 9" strip of flexible flashing prior to window/door, HVAC, etc. installation.
 - 2. Windows and openings to be flashed according to design and building code requirements.
 - 3. Individual windows that are ganged to make multiple units require continuous head flashing and/or the joints between the units must be fully sealed.
- D. Utilities:
 - 1. The system must be properly terminated (back-wrapped, sealed, flashed) at all lighting fixtures, electrical outlets, hose bibs, vents, etc. Refer to typical details.

E. Decks:

1. Wood decks must be properly flashed prior to system application. For proper application, refer typical details. The system must be terminated a minimum of 1" above all decks, patios, sidewalks, etc.

F. Secondary Moisture Barrier:

1. Verify that the secondary moisture barrier is installed over the substrate per applicable building code requirements, manufacturer's specifications and QUIKRETE® Inc. typical Details prior to stucco application.

G. Roof:

1. Verify that all roof flashings have been installed in accordance with the guidelines set by the Asphalt Roofing Manufacturers Association (ARMA) and project design documents.

H. Weep Screed/Kick-out Flashing:

1. Verify that Weep Screeds and Kick-out Flashings are installed where required prior to the stucco application. The flashing must be leak-proof and angled (min 100°) to allow for proper drainage and water diversion. Refer to QUIKRETE® Inc. typical Details.

- I. Do not proceed with stucco work until surfaces and conditions comply with requirements indicated in referenced installation standard and manufacturer's printed instructions.

3.2 PREPARATION

- A. Protect adjacent work from soiling, spattering, moisture deterioration, and other harmful effects caused by plastering work.

3.3 SECONDARY MOISTURE BARRIER INSTALLATION

- A. Install secondary moisture barrier horizontally, overlapping in shingle pattern with 6" edge and end lap. Fasten to sheathing with corrosion-resistant staples. Secondary moisture barrier to be installed over all sheathing to receive plaster finish.

3.4 INSTALLATION, GENERAL

- A. Fire-Resistance-Rated Assemblies: Install components according to requirements for design designations from listing organization and publication indicated on Drawings.

3.5 INSTALLING METAL LATH

- A. Metal Lath: Install according to ASTM C 1063.
 1. Install metal lath with minimum 1-1/2" side and end laps.
 2. When end laps occur between supports, lace or wire ties the ends of the sheets with galvanized steel wire.
 3. Corrosion-resistant fasteners for lath attachment to penetrate a minimum 1" into wood framing.
 4. Secure lath is to metal framing using No.8-18, S-12, pan head, self-tapping screws spaced a maximum of 6 inches vertical on center to studs.

3.6 INSTALLING ACCESSORIES

A. General:

1. Install trim in accordance with manufacturer's specifications.
2. Install trim components in longest piece length possible to minimize joints.
3. Allow 1/8" - 3/16" gap between the abutting trim pieces. Do not overlap trim.
4. Set intersection of trim in a minimum 4" bed of trim sealant approved by QUIKRETE®, Inc.
5. Miter all corners at intersections of trim.
6. Install according to ASTM C 1063 and at locations indicated on Drawings or as follows.

B. Reinforcement for External Corners:

1. Install corner bead at exterior corner locations.

C. Control Joints: Install control joints at locations indicated on Drawings and as follows:

1. As required to delineate plasterwork into areas (panels) of the following maximum sizes:
 - a. Vertical Surfaces: 144 sq. ft.
 - b. Horizontal and other Non-vertical Surfaces: 100 sq. ft.
2. At distances between control joints of not greater than 18 feet o.c.
3. As required to delineate plasterwork into areas (panels) with length-to-width ratios of not greater than 2-1/2:1.
4. Where control joints occur in surface of construction directly behind plaster.
5. Where plasterwork areas change dimensions, to delineate rectangular-shaped areas (panels) and to relieve the stress that occurs at the corner formed by the dimension change.

3.7 PLASTER MIXING

A. General:

1. Comply with ASTM C 926 for applications indicated.
2. Mix pre-packaged stucco materials with clean water to comply with manufacturer's written instructions.
3. 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. Use a mixer which is clean and free of foreign substances. Clean tools with soap and water immediately after use.

B. Bag Mixing QUIKRETE® Stucco: 80 lb. Bag

1. Place 1.2-1.5 gallons of potable water into the mixer for each 80 lb. bag.
2. Slowly pour the contents of the bag(s) into the mixer.
3. Mix for 4 to 5 minutes and then let the mixture slake for 3 to 4 minutes.
4. Do not exceed a total volume of 2 gallons of water for each 80 lb. bag
5. Mixing time and procedures should be consistent with every batch for consistent material.
6. Prepare only enough mix as can be applied in one hour.

C. Silo System Mixing QUIKRETE® Stucco:

1. Place 75% of the needed water into the mixer. A double mixer batch requires approximately four full 5 gallon pails.
2. Pull open the silo handle to dispense the QUIKRETE® stucco product into mixer.
3. Mix for 4 to 5 minutes and then let the mixture slake for 3 to 4 minutes.
4. Mixing time and procedures should be consistent with every batch for consistent material.
5. Prepare only enough mix as can be applied in one hour.

3.8 PLASTER APPLICATION

A. Apply plaster materials in accordance with manufacturer's written installation instructions for the specific systems indicated.

B. General: Comply with ASTM C 926.

1. Bonding Compound: Apply on [unit masonry] [and] [concrete] plaster bases if required for adequate stucco bonding to substrate.
2. Apply cement plaster with sufficient force to develop full adhesion between plaster and the substrate.
3. Apply the base coat to completely embed lath or wire and to completely fill the thickness of the casing, screeds, or expansion/control joint.
4. It is acceptable to use the double back method of application, whereby the first pass of base coat covers the lath or wire and the second pass of base coat fills in the casing, screed, or control/expansion joints.
5. Finish plaster flush with metal frames and other built-in metal items or accessories that act as a plaster ground unless otherwise indicated. Where casing bead does not terminate plaster at metal frame, cut base coat free from metal frame before plaster sets and groove finish coat at junctures with metal.
6. Once the base coat has been applied to the required thickness, a rod should be used to level the base coat with screeds, to provide a true, flat plane. Follow this by wood floating or darbying the surface. Fill all voids and dress surface for the finish coat.
 - a. Do not deviate more than plus or minus 1/4 inch in 10 feet from a true plane in finished plaster surfaces, as measured by a 10-foot straightedge placed on surface.
7. Allow base coat stucco to achieve its initial set (2-4 hours) prior to moisture curing. Moisture cure for at least 48 hours by lightly and evenly fogging the surface with water. Direct sunlight, hot temperatures, low humidity and wind may make additional fogging necessary.

3.9 PLASTER REPAIRS

- A. Repair or replace work to eliminate cracks, dents, blisters, buckles, crazing and check cracking, dry outs, efflorescence, sweat outs, and similar defects and where bond to substrate has failed.

3.10 CLEANING

- A. Clean stucco material from adjacent surfaces as recommended by manufacturer.
- B. Remove surplus material and debris, including field sample, from site.

3.11 PROTECTION

- A. Protect installed stucco surfaces from rain, snow and frost for 48-72 hours following application.

END OF SECTION