

PAREX®

Synthetic Wall Coatings Over Stucco

Expanded language

CSI SECTION 09210

PAREX®

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CSI SECTION 09210 - SYNTHETIC WALL COATING (OVER PORTLAND CEMENT PLASTER)

PART 1—GENERAL

1.01 SUMMARY

A. Section description: Section includes installation of Parex synthetic wall coating over portland cement plaster walls.

1.02 COATING DESCRIPTION

EDITOR NOTE: MODIFY BELOW TO SUIT PROJECT REQUIREMENTS.

A. Description of Parex Synthetic Wall Coating:

1. Parex Synthetic Wall Coating: A textured acrylic finish coating, trowel or spray applied, to cured and prepared portland cement plaster brown coat.

B. Parex Wall Coating Functional Criteria:

1. General: Substrates for coating application shall be vertical or shall be protected from weather exposure harmful to coating performance, and shall be sloped for positive drainage.
2. Substrate Conditions: Portland cement plaster brown coat in conformance with ASTM C 926 or factory-mixed fibered-stucco-base recognized in a national model building code evaluation report and installed in accordance with the report.

EDITOR NOTE: PORTLAND CEMENT PLASTER BROWN COAT MUST CURE A MINIMUM OF SEVEN DAYS PRIOR TO APPLICATION OF PAREX WALL COATING. FOR FACTORY-MIXED FIBERED STUCCOS AND OTHER BASES, CONTACT MANUFACTURER OF THE SUBSTRATE FOR CURING RECOMMENDATIONS.

- a. Portland cement plaster brown coat shall be sound, dry and free of dust, dirt, laitance, efflorescence and other harmful contaminants.

EDITOR NOTE: REVISE BELOW AS APPROPRIATE FOR PROJECT SUBSTRATE CONDITIONS. FINISH COATING CANNOT CORRECT SUBSTRATES OUT OF DIMENSIONAL TOLERANCE. USE LEVEL COAT WHERE REQUIRED.

- b. Substrate Dimensional Tolerances: As required for the finish wall.

1.03 SUBMITTALS

A. General: Submit Samples, Reports, Certificates and Manufacturer's Warranty in accordance with Division 1 General Requirements Submittal Section.

1. Samples: Submit samples for approval. Samples shall be of materials specified and of suitable size as required to accurately represent each color and texture to be used on project. Prepare each sample using same tools and techniques for actual project application. Maintain and make available at job site approved samples.

1.04 QUALITY ASSURANCE

A. Qualifications:

1. Manufacturer: Shall have marketed synthetic wall coating in United States for at least five years; At least 1,000 projects shall have been completed utilizing this synthetic wall coating; Shall have completed projects of same building size and type as this project.

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2. Coating Applicator: Shall have attended an Educational Seminar for Parex installation of synthetic wall coating; Shall possess a current certificate of attendance from educational seminar; Shall be experienced and competent in installation of plaster-like materials.

1.05 PRODUCT DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver coating products in original packaging with manufacturer's identification.
- B. Storage: Store coating products at temperatures as recommended by manufacturer, but not less than 40°F (5°C) and below 100°F (43°C).

1.06 PROJECT / SITE CONDITIONS

- A. Environmental Conditions: Comply with manufacturer's recommendations of environmental conditions affecting product performance.
 1. Installation Ambient Air Temperature: Minimum of 40°F and rising, and remain so for 24 hours thereafter.
 2. Substrate Temperature: Do not apply wall coating to substrates whose temperature is below 40°F.
 3. Inclement Weather: Do not apply wall coating during inclement weather, unless appropriate protection is employed, which would negate manufacturer's warranty for installation.
 4. Sunlight Exposer: Avoid wall coating installation where finish coat is exposed to a hot sun. Comply with manufacturer's recommendations for coating installation.
- B. Coordination and Scheduling:
 1. Coordination: Coordinate wall coating installation with other construction operations.
 2. Sealant Installation Coordination: Refer to Sealant Section for sealant material and installation. Do not apply finish coat to surfaces to receive sealants. Sealants may be applied to Parex Primer 310 or Sanded Primer 313, or Parex Base Coat 121, 121 Dry, or 121 XL as specially recommended by Parex.

1.07 MAINTENANCE

- A. Maintenance Materials (Extra Stock): Provide to Protect Owner sealed containers of textured finish to repair 20 square feet of each color used.

1.08 WARRANTY

- A. Warranty: Upon request, at completion of installation, provide Parex Standard Limited Coating Systems Warranty.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

- A. Manufacturer: Parex, P.O. Box 189, Redan GA 30074
 1. System: Parex Synthetic (Acrylic) Wall Coating For Portland Cement Plaster.
 - a. Leveler (Optional): Parex Base Coat 121, 121 Dry, and 121 XL as required.
 - b. Prime Coat: Parex 310 and Sanded Primer 313, acrylic polymer coating, tinted to match textured finish color.
 - c. Finish Coat: Parex factory-mixed acrylic polymer-based coating; integrally colored; texture as specified.

EDITOR NOTE: SPECIFY BELOW TYPES FROM MANUFACTURER'S TEXTURE FINISHES AND COLORS. REFER TO PAREX PRODUCT BINDER, FOR FINISH TEXTURE, AND COLOR SELECTION.

- 1) Type: _____
- 2) Texture: _____
- 3) Color: _____

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2.02 RELATED MATERIALS

- A. General: Sealant material shall be in compliance with manufacturer's requirements for Parex synthetic wall coating.

PART 3 - EXECUTION

3.01 MANUFACTURER'S INSTRUCTIONS

- A. Compliance: Comply with manufacturer's instructions for installation of synthetic wall coating over portland cement plaster.
- B. Substrate Examination (Portland Cement Plaster Brown Coat): Examine prior to coating installation substrate as follows:
 - 1. Substrate shall be of a type approved by Parex.
 - 2. Substrate shall be examined for soundness, and other harmful conditions.
 - 3. Substrate shall be free of dust, dirt, laitance, efflorescence, and other harmful contaminants.

3.02 PREPERATION

- A. Field Mixing: Mix Parex proprietary products in accordance with manufacturer's instructions.
- B. Substrate Conditions:
 - 1. Substrate shall be cured.
 - 2. Substrate shall have no irregularities greater than 1/4" (6.4 mm), and shall be sound and free of foreign substances, including paint, bond breakers, form oils, laitance, scaling and flaking.
 - 3. Unsatisfactory conditions shall be corrected before the application of the coatings.
 - 4. Painted surfaces shall have paint removed to achieve a substrate with 90% or more of the surface free of paint.
 - 5. Sanding surfaces shall be eliminated mechanically, and then washed with clear water.
 - 6. Remove efflorescence using mechanical removal and/or a diluted acid solution followed by complete rinsing.
 - 7. New stucco surfaces require no special attention.
 - 8. Primer: Apply prime coat to base coat after drying. Primer may be omitted if it is not required by the manufacturer's product data sheet for the specified finish coat.
 - 9. Apply finish coat, texture and color as specified.

3.03 INSTALLATION

- A. General: Installation shall conform to this specification and Parex Product Data Sheets, and Parex written instructions and drawing details.

3.04 CLEAN UP

- A. Removal: Remove and legally dispose of coating installation debris material from job site.

END OF SECTION

Obligatory Disclaimer Statement

This guide specification is intended for use by a qualified designer. The guide specification is not intended to be used verbatim as an actual specification without appropriate modifications for the specific use intended. The guide specification must be integrated into and coordinated with the procedures of each design firm, and the requirements of a specific project.