

SECTION 09240
EXTERIOR ACRYLIC STUCCO FINISH

PART 1 – GENERAL

SUMMARY

Provide exterior acrylic stucco finish and accessories for a complete installation.

1.1 RELATED WORK UNDER OTHER SECTIONS

- .1 .06100 Rough Carpentry.
- .2 06200 Finish Carpentry.
- .3 07290 Weather Resistive Barrier.
- .4 07620 Sheet Metal Flashing and Trim.
- .5 08530 Vinyl Windows.

1.2 DESCRIPTION OF WORK

- .1 The supply and application of new textured exterior acrylic stucco finish. Texture to match adjacent finish of existing building as closely as possible. Refer to the drawings for the area(s) of work.
- .2 Colour of stucco finish shall be as per paint colour schedule as determined by the Consultant.
- .3 Finished thickness of complete stucco system shall be no less than 7/8".

1.3 QUALITY ASSURANCE - STANDARD SPECIFICATIONS

- .1 Section 9.3 - Stucco, of the Association of Wall and Ceiling Contractors (A.W.C.C.). Specification Standards Manual, together with authorized additions and amendments, shall be used as a reference standard and shall form part of this project specification.
- .2 Where modifications to the standards contained within the A.W.C.C. Specification Standards Manual are included in this project specification, then such modifications shall govern in case of conflict.
- .3 The stucco applicator shall keep a copy of Section 9.3 Stucco of the A.W.C.C. Specification Standards Manual available at the project site for reference purposes.
- .4 All stucco products to be used in the project shall meet or exceed the requirements specified under Part 2 - Products of Section 9.3 of the A.W.C.C. Specification Standards Manual. The proposed product manufacturer shall provide the Consultant, if requested, with satisfactory evidence indicating conformance of his products with the requirements specified in the A.W.C.C. Specification Standards Manual. Any products failing to meet those requirements will be rejected by the Consultant.

1.4 QUALITY ASSURANCE - CONTRACTOR QUALIFICATIONS

- .1 The Contractor must be qualified in the workmanship of plastering and must be able to show completed work of equal scope.

1.5 WARRANTY

- .1 Provide a 5 year manufacturer warranty for material defects for complete stucco system (base coats and finish coats).

1.6 PRODUCT DELIVERY / STORAGE HANDLING

- .1 Deliver and store material undamaged in original wrappings or containers, with manufacturer's labels and seals intact.
- .2 Prevent damage to materials during handling and storage. Keep cementitious materials under cover and free from moisture.
- .3 Storage and protection of all products are the responsibility of the Contractor performing the scope of work.

1.7 JOB CONDITIONS

- .1 Examine the underlying surfaces adjoining the work and report to the Consultant in writing, any visible defects at time of installation which might impair the stucco work.
- .2 Commencement of work shall imply acceptance by applicator of surfaces to receive stucco.

1.8 ENVIRONMENTAL REQUIREMENTS - FOR ACRYLIC FINISH APPLICATION

A: Cold Weather

- .1 Do not use frozen material.
- .2 Do not apply acrylic finish to frozen surfaces or surfaces containing frost.
- .3 Do not mix materials or apply when ambient temperature is less than 5 °C.

B: Hot Weather

- .1 Protect acrylic finish from uneven and rapid drying during hot, windy and dry weather.
- .2 Hot or dry conditions limit working time and accelerate drying and may require adjustments to the scheduling to achieve desired results.

1.9 SAMPLES

- .1 Apply stucco finish as directed in an inconspicuous test area of approximately 1m x 1m; application to be approved by Consultant. Once approved, the test area will be part of the finished work.

PART 2 – PRODUCTS

2.1 ACRYLIC FINISH

- .1 Pre-mixed 100% acrylic based coating designed for application over Portland cement plaster, cast in place concrete and other approved substrates.
- .2 Acrylic coating to be Imasco "Perfector" Acrylic Finish.
- .3 Texture to be Fine Sandfloat.
- .4 Packaging in 70lb plastic pails.
- .5 Coverage to be 140 - 155 sq ft.

PART 3 – EXECUTION

3.1 WORKMANSHIP

- .1 Stucco shall be applied by tradesmen skilled in this work, and in accordance with Section 9.3 (A.W.C.C.) - PART 3 and procedures herein, to produce a first class stucco installation and finish.

3.2 CLIMATIC CONDITIONS

- .1 Stucco shall not be applied to surfaces frozen or containing frost. Stucco coats shall be protected against freezing for a period of 24 hours after application. Frozen materials shall not be used in the mix. If artificial heat is used, the heater must be located to prevent a concentration of heat or fumes on the finish.
- .2 Stucco shall not be applied if the ambient temperature is less than 5 deg. C.
- .3 Stucco shall be protected against uneven and excessive drying during hot, dry weather and from strong blasts of dry air either natural or artificial.
- .4 Protect work from rain for a minimum of 24 hours.

3.3 PREPARATION OF SURFACES

- .1 Prepare surfaces to receive acrylic-stucco as follows:
 - .1 Surface must be fully cured, dry and free of dust.
 - .2 Remove all protruding brown coat greater than 1/16".

3.4 MIXING

- .1 All acrylic stucco mix ingredients shall be mixed with a power drill fixed with a suitable mixing paddle. Thoroughly mix the contents of the colourant bottle into the acrylic finish.
- .2 Use 1 bottle of colourant per pail of acrylic finish. Refill bottle once with clean water, shake and pour into centre of pail while mixing.
- .3 Mix well for approximately 2 - 3 minutes until all colourant is evenly distributed.

3.5 ACRYLIC STUCCO APPLICATION

- .1 Schedule work so enough workers are available to finish entire sections of wall area at one time, uninterrupted. Work in pairs with the first person applying the finish to the wall and the second person floating the finish to the desired texture.
- .2 Apply finish in a continuous application, always working away from a wet edge. Avoid applying separate batches of finish side by side.
- .3 Interrupt application only at naturally occurring breaks in construction, such as corners, expansion joints, system terminations, etc.
- .4 Avoid application in direct sunlight and excessive wind whenever possible.
- .5 Remove waste and excess material from site upon completion of stucco work; repair and make good any defects to the stucco application or any defects to any other work or adjacent building or landscaping surfaces caused by this stucco application.
- .6 Scaffold clips **must** be removed from wall surface and the openings filled to blend with adjacent finish.

End of Section