

SECTION 09 96 59
HIGH-BUILD GLAZED COATINGS

PART 1 - GENERAL

1.1 DESCRIPTION

This section specifies a special coating (SC) system designed to provide on interior masonry or other surfaces a glazed tile like finish.

1.2 RELATED WORK

Location, color and texture (Class): See FINISH LEGEND (Sheet A-602).

1.3 SUBMITTALS

A. Submit in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES.

B. Samples:

1. Material samples, 150 mm (six inches) square, showing the number of coats of each coating material on each substrate to which the material is to be applied. Apply coating to the samples in a setback procedure, leaving exposed a portion of the substrate and subsequent portions of each coat.

2. Color samples, minimum 75 mm (three inches) by 125 mm (five inches) of each color and texture (Class) specified.

C. Certificates:

1. Certifying that the coating complies with requirements of this specification, including resistance to abrasion and resistance to perspiration.

2. Certifying that the coating supplied is the same, with manufacturing tolerances, as the coating tested.

D. Manufacturer's Literature and Data:

Literature and data describing the coating material to be furnished.
Printed application for instructions for each substrate.

E. Test Reports: Reports of tests certifying compliance with requirement specified.

1.4 ENVIRONMENTAL REQUIREMENTS

Apply coating only when surface and air ambient temperature is above 10°C (50 degrees F) and maintained for a period of not less than 48 hours after applications, except as otherwise required by the coating manufacturer.

1.5 APPLICABLE PUBLICATIONS

- A. The publications listed below form a part of this specification to the extent referenced. The publications are referenced in the text by the basic designation only.
- B. The Master Painters Institute (MPI):
Approved Product List - 2010

PART 2 - PRODUCTS

2.1 GLAZED COATING

- A. In existing occupied buildings, use Water Based Epoxy, MPI No. 115.
- B. SC-1, 2, 3 & 4: Basis-of-Design - Sherwin Williams, Pro Industrial Zero VOC Waterborne Catalyzed Epoxy
- C. SC-5: Basis-of-Design - Sherwin Williams, Pro Industrial Zero VOC Waterborne Catalyzed Epoxy with Urethane Top Coat.

PART 3 - EXECUTION

3.1 PREPARATION OF SURFACES

- A. Patch surfaces as required for receiving glazed coating. Fill masonry block and make surfaces smooth and free of voids and pinholes. Assure surfaces are clean, dry, well cured, sound and free of ridges and depressions.
- B. Previous Coatings: Remove flaking, scaling or unsound coatings. Sand sound previous coatings to remain, with medium sand paper to eliminate gloss and provide tooth.
- D. Remove or protect items not requiring coating.

3.2 APPLICATION

- A. Finish Film Thickness: Apply materials at not less than the manufacturer's recommended spreading rate.
- B. On previously coated surfaces, apply one base coat and one finish coat.
- C. On bare concrete block and cast in place concrete apply two base coats and one finish coat.
- D. On bare gypsum board apply one primer coat, one base coat and one finish coat.
- E. In rooms or spaces shown or specified to have glazed coating, apply the glazed coating to surfaces behind casework and equipment, except behind those items built into wall recesses.
- F. Make edges of glazed coatings sharp and clean without overlapping adjoining other materials or colors.
- G. Apply glazed coating in areas specified under ROOM FINISH SCHEDULE (Sheet A-602).

3.3 CLEANING AND PROTECTION

- A. During progress of the work and upon completion, promptly clean adjacent surfaces and materials of spills, spatters, drips, and stains from glazed coatings application. Remove glazed coatings by proper methods exercising care to prevent damage to finished surfaces and materials.
- B. Protect work of other trades against damage resulting from glazed coatings work.
- C. Touch up damaged coating surfaces before final acceptance.

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