

**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. See schedule at the end of this section.

1.2 RELATED WORK

Location, color and texture (Class): Section 09 06 00, SCHEDULE FOR FINISHES.

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. Epoxy Cold Cured Gloss: MPI No 77.

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. 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, plaster and masonry 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 in the High Build Glazed Coatings APPLICATION SCHEDULE AT THE END OF THIS SECTION.

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.

3.4 HIGH-BUILD GLAZED COATINGS APPLICATION SCHEDULE

A. Provide MPI No. 77 system to all walls and gypsum board ceilings at the following spaces:

FIRST FLOOR

Room Name	Room No.
Vestibule	1V02
Gowning Area	1V05
Women LR.	1V03
Men LR.	1V04
HAC	1V07
Equipment Storage	1V09
Med. Sup. Storage	1V11
Procedure Room	1V14
Procedure Room	1V13
Procedure Room	1V18
Hallway	1H3
Procedure Room	1V16
Procedure Room	1V17
Necropsy	1V12
Feed and Bedding	1V21
Gowning Area	1V22
Hallway	1H2
Mice Colony	1V06
Rat Colony	1V08
Vestibule	1V10
ABSL-2 Holding & Procedure	1V10a
ABSL-2 Holding Area	1V10b
Hallway	1H4
Clean Side	1V20
Pallet Storage	1V19
Autoclave	S0442
Cage Washer	U1186
Hallway	1H5
Soiled Side	1V25

SECOND FLOOR

Room Name	Room No.
Lab #10	2R41
Tissue Culture Room	2R41a
Tissue Culture Room	2R43a
Lab #11	2R43
Electron Microscope Suite, Preparation Room/Lab	2R47
Scope Room Support	2R47a
Electron Microscope Suite, Scope Room	2R47b
Electron Microscope Suite, Microtome Alcove	2R47c

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