

SECTION 09815
VITROCEM ANTI-GRAFFITI GLAZED COATINGS
FOR METAL WORK

REQUIREMENTS OF DIVISION ONE APPLY TO WORK OF THIS SECTION

PART 1: GENERAL

1.01 SCOPE

- A. Work of this section includes everything necessary for or incidental to completing the Anti-Graffiti Glazed Coatings for metal work. All Vitrocem Coatings are manufactured by Bithell, Inc., and applied by Bithell, Inc., trained personnel.

1.02 RELATED WORK

- A. Painting Section 09900

1.03 SUBMITTAL – SAMPLE REQUIREMENTS

- A. Submit Manufacturer's Application Instructions, standard color selections, test reports and samples for approval by the Architect.
- B. Colors: As selected by the Architect. After color selection, submit samples in triplicate, of the material specified, in colors selected. Mark each sample clearly to indicate manufacturer's name and product identification.

1.04 PRODUCT HANDLING

- A. Delivery and storage of materials: Deliver all materials in their original packages with seals unbroken, with manufacturer's name and product identification clearly legible on each package. Store to preclude entry of moisture or damage from any source.

1.05 ENVIRONMENTAL CONDITIONS

- A. Field Conditions: Verify actual field conditions. Inspect related work and adjacent surfaces. Report all conditions which prevent proper execution of this work to the Construction Manager.
- B. Do not apply coatings in damp or rainy weather. Do not apply coating at temperatures below 40 degrees Fahrenheit or above 110 degrees Fahrenheit.

1.06 WARRANTY

Provide a two year written warranty against defects in materials and workmanship.

- A. Warrantee shall begin on date of completion of the project.

Part 2: PRODUCTS

2.01 MANUFACTURER

- A. Vitrocem as manufactured by Bithell, Inc., 1004 East Edna Place, Covina, CA 91724. Telephone 626 331 2292, Fax 626 339 4588, Web site – www.vitrocem.com
- B. Material meeting these requirements produced by manufacturers other than those named, may be substituted provided prior architectural approval is obtained in writing ten (10) days prior to bid date. No substitutions will be allowed without prior approval. The decision of the architect shall be final.
- C. Coating system: Vitrocem Anti-Graffiti Glazed Coating System for metal work.

2.02 MATERIALS

- A. Primer where applicable.
- B. Water based thermosetting enamel.
- C. Clear water based thermosetting glaze.

Part 3: EXECUTION

3.01 SURFACE PREPARATION

- A. Ascertain that surfaces to be coated are in proper condition to receive Hi-build glazed coatings. Report all unsatisfactory surfaces to Construction Manager, in writing.
- B. Mask to protect uncoated adjacent surfaces.
- C. Repair minor surface damage.

3.02 MATERIAL PREPARATION

- A. Vitrocem Coatings require the addition of catalyst just prior to use. Atmospheric conditions affect the curing. Follow manufacturer's printed directions regarding catalyst concentrations at varying temperatures.

3.03 APPLICATION

Apply coatings to surfaces in accordance with manufacturer's instructions.

- A. Apply the first coat of Vitrocem Primer by spray and at an approximate rate of 400 square feet per gallon, if necessary, use primer on raw material or where existing primer is incompatible with finish coatings.
- B. Apply a coat of Vitrocem Enamel by spray.
- C. Apply a second coat of Vitrocem Enamel by spray (if necessary).
- D. Apply a coat of Vitrocem Clear Glaze by spray.

3.04 CLEANING

- A. As the work proceeds, and upon completion, promptly remove coating material where spilled, splashed or splattered.
- B. During progress of work, keep premises free from any unnecessary accumulation of tools, equipment, surplus materials and debris.
- C. Upon completion of work, leave premises neat and clean to the satisfaction of Architect/Engineer.

END OF SECTION