SECTION 09900

PAINTING

PART 1 - GENERAL

1.01 SUMMARY

A. Paint and finish exposed surfaces using the combination of materials listed on Painting Schedule in Part 3 of this Section, as specified herein, and as needed for a complete and proper installation.

B. Related work:
1. Documents affecting work of this Section include, but are not necessarily limited to, General Conditions, Supplementary Conditions, and Sections in Division 1 of these Specifications.
2. Priming or priming and finishing of certain surfaces may be specified to be factory-performed or installer-performed under pertinent other Sections.

C. Codes: Materials and work shall conform to the governing Building Code. In case of conflict between these specifications, the standard specifications, and the Building Code, the more stringent shall govern.

D. Work not included:
1. Unless otherwise indicated, painting is not required on surfaces in concealed areas and inaccessible areas such as furred spaces, foundation spaces, utility tunnels, pipe spaces, and duct shafts.
2. Metal surfaces of anodized aluminum, stainless steel, chromium plate, copper, bronze, and similar finished materials will not require painting under this Section except as may be so specified.
3. Do not paint moving parts such as valve operators; linkages; sensing devices; and motor shafts, unless otherwise indicated.
4. Do not paint over required labels or equipment identification, performance rating, name, or nomenclature plates.
5. Do not paint concrete which has been sandblasted.

E. Definitions:
1. "Paint", as used herein, means coating systems materials including primers, emulsions, epoxy, enamels, sealers, fillers, and other applied materials whether used as prime, intermediate, or finish coats.

1.02 SUBMITTALS

A. Comply with pertinent provisions of Section 01300.

B. Product data: Within 30 calendar days after the Contractor has received the Owner's Notice to Proceed, submit:
1. Materials list of items proposed to be provided under this Section;
2. Manufacturer's specifications and other data needed to prove compliance with the specified requirements.

C. Samples:
   1. Following the selection of colors and glosses by the Architect, submit Samples for the Architect's review.
      a. Provide three Samples of each color and each gloss for each material on which the finish is specified to be applied.
      b. Except as otherwise directed by the Architect, make Samples approximately 8" x 10" in size.
      c. If so directed by the Architect, submit Samples during progress of the Work in the form of actual application of the approved materials on actual surfaces to be painted.
   2. Revise and resubmit each Sample as requested until the required gloss, color, and texture is achieved. Such Samples, when approved, will become standards of color and finish for accepting or rejecting the work of this Section.
   3. Do not commence finish painting until approved Samples are on file at the job site.

1.03 QUALITY ASSURANCE

A. Use adequate numbers of skilled workmen who are thoroughly trained and experienced in the necessary crafts and who are completely familiar with the specified requirements of the methods needed for proper performance of the work of this Section.

B. Paint coordination:
   1. Provide finish coats which are compatible with the prime coats actually used.
   2. Review other Sections of these Specifications as required, verifying the prime coats to be used and assuring compatibility of the total coating system for the various substrata.
   3. Upon request, furnish information on the characteristics of the specific finish materials to assure that compatible prime coats are used.
   4. Provide barrier coats over noncompatible primers, or remove the primer and reprime as required.
   5. Notify the Architect in writing of anticipated problems in using the specified coating systems over prime coatings supplied under other Sections.

1.04 DELIVERY, STORAGE, AND HANDLING

A. Comply with pertinent provisions of Section 01600.

1.05 SITE CONDITIONS

A. Do not apply solvent-thinned paints when the temperature of surfaces to be painted and the surrounding air temperatures are below 45 degrees F, unless otherwise permitted by the manufacturers' printed instructions as approved by the Architect.

B. Weather conditions:
   1. Do not apply paint in snow, rain, fog, or mist; or when the relative humidity exceeds 85%; or to damp or wet surfaces, unless otherwise permitted by the manufacturers' printed instructions as approved by the Architect.
   2. Applications may be continued during inclement weather only when the temperature limits specified by the paint manufacturer as being suitable for use during application and drying periods.

1.06 MAINTENANCE

A. Upon completion of the work of this Section, deliver to the Owner an extra stock equaling 10% of each color, type, and gloss of paint used in the Work, tightly sealing each container, and clearly labeling with contents and location where used.

PART 2 - PRODUCTS

2.01 PAINT MATERIALS

A. Acceptable materials:
   1. The Painting Schedule in Part 3 of this Section is based, in general, on products of the Frazee Paint Company unless noted otherwise.
   2. Paint products of the same type and quality as specified by Dunn-Edwards and Sinclair may be acceptable.
   3. Where products are proposed other than those specified by name and number in the Painting Schedule, provide under the product data submittal required by Article 1.2 of this Section a new painting schedule compiled in the same format used for the Painting Schedule included in this Section.

B. Undercoats and thinners:
   1. Provide undercoat paint produced by the same manufacturer as the finish coat.
   2. Use only the thinners recommended by the paint manufacturer, and use only to the recommended limits.
   3. Insofar as practicable, use undercoat, finish coat, and thinner material as parts of a unified system of paint finish.

2.02 COLOR SCHEDULES

A. For application of paint colors, see paint colors. See Room Finish Schedule and Legend and Finish Legend/Elevations on drawings for exteriors.

2.03 APPLICATION EQUIPMENT

A. For application of the approved paint, use only such equipment as is recommended for application of the particular paint by the manufacturer of the particular paint, and as approved by the Architect.

B. Prior to use of application equipment, verify that the proposed equipment is actually compatible with the material to be applied, and that integrity of the finish will not be jeopardized by use of the proposed equipment.

2.04 OTHER MATERIALS

A. Provide other materials, not specifically described but required for a complete and proper installation, as selected by the Contractor subject to the approval of the Architect.

PART 3 - EXECUTION

3.01 SURFACE CONDITIONS

A. Examine the areas and conditions under which work of this Section will be performed. Correct conditions detrimental to timely and proper completion of the Work. Do not proceed until unsatisfactory conditions are corrected.

3.02 MATERIALS PREPARATION

A. General:
1. Mix and prepare paint materials in strict accordance with the manufacturer's recommendations as approved by the Architect.
2. When materials are not in use, store in tightly covered containers.
3. Maintain containers used in storage, mixing, and application of paint in a clean condition, free from foreign materials and residue.

B. Stirring:
1. Stir materials before application, producing a mixture of uniform density.
2. Do not stir into the material any film which may form on the surface, but remove the film and, if necessary, strain the material before using.

3.03 SURFACE PREPARATION

A. General:
1. Perform preparation and cleaning procedures in strict accordance with the paint manufacturers' recommendations as approved by the Architect.
2. Remove removable items which are in place and are not scheduled to receive paint finish; or provide surface-applied protection prior to surface preparation and painting operations.
3. Following completion of painting in each space or area, reinstall the removed items by using workmen who are skilled in the necessary trades.
4. Clean each surface to be painted prior to applying paint or surface treatment.
5. Remove oil and grease with clean cloths and cleaning solvent of low toxicity and flash point in excess of 200 degrees F, prior to start of mechanical cleaning.
6. Schedule the cleaning and painting so that dust and other contaminants from the cleaning process will not fall onto wet newly painted surfaces.
7. Fill holes and cracks on surface to receive paint or stain.

B. Preparation of wood surfaces:
1. Clean wood surfaces until free from dirt, oil, and other foreign substance.
2. Smooth finished wood surfaces exposed to view, using the proper sandpaper. Where so required, use varying degrees of coarseness in sandpaper to produce a uniformly smooth and unmarred wood surface.
3. Unless specifically approved by the Architect do not proceed with painting of wood surfaces until the moisture content of the wood is 12% or less as measured by a moisture meter approved by the Architect.

C. Preparation of metal surfaces:
1. Thoroughly clean surfaces until free from dirt, oil, and grease.
2. On galvanized surfaces, use solvent for the initial cleaning, and then treat the surface thoroughly with phosphoric acid etch. Remove etching solution completely before proceeding.
3. Allow to dry thoroughly before application of paint.

3.04 PAINT APPLICATION

A. General:
   1. Touchup shop-applied prime coats which have been damaged, and touchup bare areas prior to start of finish coats application.
   2. Slightly vary the color of succeeding coats.
      a. Do not apply additional coats until the completed coat has been inspected and approved.
      b. Only the inspected and approved coats of paint will be considered in determining the number of coats applied.
   3. Sand and dust between coats to remove defects visible to the unaided eye from a distance of five feet.
   4. On removable panels and hinged panels, paint the backsides to match the exposed sides.

B. Drying:
   1. Allow sufficient drying time between coats, modifying the period as recommended by the material manufacturer to suit adverse weather conditions.
   2. Consider oil-base and oleo-resinous solvent-type paint as dry for recoating when the paint feels firm, does not deform or feel sticky under moderate pressure of the thumb, and when the application of another coat of paint does not cause lifting or loss of adhesion of the undercoat.

C. Brush applications:
   1. Brush out and work the brush coats onto the surface in an even film.
   2. Cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness, and other surface imperfections will not be acceptable.

D. Spray application:
   1. Except as specifically otherwise approved by the Architect, confine spray application to metal framework and similar surfaces where hand brush work would be inferior.
   2. Where spray application is used, apply each coat to provide the hiding equivalent of brush coats.
   3. Do not double back with spray equipment to build up film thickness of two coats in one pass.

E. For completed work, match the approved Samples as to texture, color, and coverage. Remove, refinish, or repaint work not in compliance with the specified requirements.

F. Miscellaneous surfaces and procedures:
   1. Exposed mechanical items:
      a. Paint all roof mounted mechanical equipment in a color to be selected by the Architect.
      b. Finish electric panels, access doors, conduits, pipes, ducts, grilles, registers, vents, and items of similar nature to match the adjacent wall and ceiling surfaces, or as directed.
      c. Paint visible duct surfaces behind vents, registers, and grilles flat black.
      d. Wash metal with solvent, prime, and apply two coats of alkyd enamel.

2. Exposed pipe and duct insulation:
   a. Apply one coat of latex paint on insulation which has been sized or primed under other Sections; apply two coats on such surfaces when unprepared.
   b. Match color of adjacent surfaces.
   c. Remove band before painting, and replace after painting.
3. Hardware:
   a. Paint prime coated hardware to match adjacent surfaces;
   b. Paint metal portions of head seals, jamb seals, and astragal seals to match the color of the door frame unless otherwise directed by the Architect.
4. Wet areas:
   a. In toilet rooms, shower and drying room, and contiguous areas, add an approved fungicide to paints.
   b. For oil base paints, use 1% phenolmercuric or 4% tetrachlorophenol.
   c. For water emulsion and glue size surfaces, use 4% sodium tetrachlorophenate.
5. Interior: Use "stipple" finish where enamel is specified.
6. Exposed duct work and vents: Apply two coats of heat-resistant paint approved by the Architect.

3.05 PAINT FINISH SCHEDULE

A. Exterior Surfaces:
   1. Concrete - Flat:
      1st Coat: 266 Epotilt
      2nd Coat: 202 Duratec
      3rd Coat: 202 Duratec
   2. Concrete Block:
      1st Coat: 262 Acrylic Block Filler
      2nd Coat: 202 Duratec
      3rd Coat: 202 Duratec
   3. Iron and Steel - Gloss: (Alkyd)
      1st Coat: 661 Metal Prime
      2nd Coat: 381 Super Bond
      3rd Coat: 352 Classic
   4. Galvanized Metal - Gloss: (Alkyd)
      1st Coat: 661 Metal Prime
      2nd Coat: 381 Super Bond
      3rd Coat: 352 Classic

B. Interior Surfaces:
   1. Wood - Eggshell:
      1st Coat: 367 Fraflo
      2nd Coat: 022 Lo-Glo
      3rd Coat: 022 Lo-Glo
   2. Wood - Semi-Gloss: (Acrylic)
      1st Coat: 367 Fraflo
      2nd Coat: 124 Mirro-Glide 5/6
      3rd Coat: 124 Mirro-Glide 5/6

3. Wood - Stained:
   1st Coat: 786 Lacquer Stain
   2nd Coat: 762 Lacquer Sanding Sealer
   3rd Coat: 724 Satin Lacquer
   OR OR
   3rd Coat: 742 Gloss Lacquer
4. Masonry - Flat:
   1st Coat: 065 Acry-Prime
   Plaster: 367 Fraflo
   Block: 262 Acrylic Block Filler
   2nd Coat: 002 Majestic
   3rd Coat: 002 Majestic
5. Masonry - Eggshell:
   1st Coat: 065 Acry-Prime
   Plaster: 367 Fraflo
   Block: 262 Acrylic Block Filler
   2nd Coat: 022 Lo-Glo
   3rd Coat: 022 Lo-Glo
6. Masonry - Semi-Gloss: (Acrylic)
   1st Coat: 065 Acry-Prime
   Plaster: 367 Fraflo
   Block: 262 Acrylic Block Filler
   2nd Coat: 021 Satin-Glide
   3rd Coat: 021 Satin-Glide
7. Masonry – Semi-Gloss (Epoxy)
   Products listed are by
   Monopole Inc.
   1st Coat: MonoChem 1
   2nd Coat: MonoChem 200
8. Wallboard - Flat:
   1st Coat: 002 Majestic
   2nd Coat: 002 Majestic
9. Wallboard - Eggshell:
   1st Coat: 061 Aqua Seal
   2nd Coat: 022 Lo-Glo
   3rd Coat: 022 Lo-Glo
10. Wallboard - Semi-Gloss: (Acrylic)
    1st Coat: 061 Aqua Seal
    2nd Coat: 021 Satin-Glide
    3rd Coat: 021 Satin-Glide
11. Metal - Semi-Gloss: (Acrylic)
    1st Coat: 661 Metal Prime
    2nd Coat: 367 Fraflo
    3rd Coat: 124 Mirro-Glide 5/6
12. Metal - Gloss: (Acrylic)
    1st Coat: 661 Metal Prime
    2nd Coat: 367 Fraflo
    3rd Coat: 143 Mirro-Glide

3.06 CLEANING

A. Do not discard paint containers without Architect's written approval to allow count to determine if paint delivered was applied.

B. Upon completion of work of this Section, remove paint spots from floors, walls, glass, or other surfaces and leave work clean, orderly, and in acceptable condition. Remove debris caused by work of this Section from premises.

END OF SECTION - 09900

SECTION 09900
PAINTING (Site)

PART 1 – GENERAL

The provisions of the Standard Specifications for Public Works construction (SSPWC) latest edition apply except as modified herein.

1.1 Scope:

a. Furnish materials and perform labor required to execute this work as indicated on the drawings, as specified, and as necessary to complete the Contract, including, but not limited to, these major items:

1. Preparation of surfaces to be painted;
2. Painting all exterior metal, including handrails, steel light poles, and steel bollards, except as otherwise specified;
3. Painting exterior wood.
4. Sealing masonry walls.

1.2 Related Work Specified Elsewhere:

1. Prime coat painting of structural steel;
2. Prime coat painting of miscellaneous metals;
3. Painting of non-ferrous metals, unless specifically noted or shown as an integral part of a unit otherwise requiring painting;

1.3 Surfaces not to be Painted:

a. Aluminum with anodized finish, and stainless steel;
b. Finish hardware, except hardware with USP finish;
c. Acoustical ceilings;
d. Flooring;
e. Electrical fixtures and receptacles, in general (refer to Electrical Section);
f. Toilet compartments, accessories, and urinal screens.
g. All items with complete factory finish, except exterior mechanical equipment as specified hereinbefore;
h. Stucco finish;
i. Other surfaces as indicated on the drawings.

1.4 General:

a. Field Conditions. Verify drawing dimensions with actual field conditions. Inspect related work and adjacent surfaces. Report to the Engineer all conditions which prevent proper execution of this work.

b. Deliver materials to the job in unopened containers bearing manufacturer's name and product designation corresponding to designation on material list.

c. Colors and Gloss. As selected and approved by the Landscape Architect.

d. Submit samples, in accordance with Division I, using materials approved for the project, of each color and paint finish, selected by the Landscape Architect. Prepare duplicate samples, 8 ½" x 11" showing successive coatings. For transparent and stained finishes, prepare samples on species and quality of wood used in the work.

e. Environmental Conditions. Apply no paint in rain, fog or mists, when the temperature is below 45 F. Insure proper ventilation during all interior painting.
Hardware. Insure that hardware is removed before painting is started and replaced only when paint finishes are thoroughly dry. Fitting, removal and reinstallation of finish hardware is specified in Finish Carpentry and Millwork Section.

f. Coats. The number of coats specified is the minimum number acceptable. If full even coverage is not obtained with the specified number of coats, apply at no extra cost such coats as are necessary to produce the required finish, as approved by the Engineer.

g. Protection. Protect floors and all adjacent surfaces from paint smears, spatters or droppings. Use drop cloths to protect floors. Cover fixtures and remove hardware not to be painted. Mask off areas where required.

PART 2 – MATERIALS

2.1 Approved Products:

a. Selected materials from the Architectural Products line of Devoe, Dunn-Edwards, Pratt & Lambert, Sherwin-Williams, Frazee, Sinclair or other recognized manufacturer as approved by the Landscape Architect. Except for specialty items or as otherwise specified, all materials shall be by one manufacturer.

b. Review the paint and finish schedules with the Landscape Architect, and submit complete list of materials proposed for the work, for the Landscape Architect's approval.

c. Employ coats and undercoats for all types of finishes in strict accordance with the recommendations of the manufacturers of the finish paints used.

d. Materials for undercoats and finish coats of paint shall be ready-mixed and shall not be changed, except thinning of undercoats (when required), reinforcing, or coloring, any of which shall be in strict accordance with the recommendations of the manufacturers.

2.2 Conditions of Surfaces:

a. All surfaces to receive paint shall be clean, dry smooth, and dust free before application of any material. Prepare surfaces as follows:

b. Wood. Sand smooth and remove dust. Fill open joints, cracks nail holes and other pits or depressions flush and smooth with putty or wood dough after priming. Color putty to match finish paint coat. Touch up knots or sap streaks with shellac or other approved sealer before priming.

c. Galvanized Metal. Prime all surfaces, except where to be embedded in concrete, masonry or roofing; allow to dry before installation.

d. Ferrous metal. Prime all surfaces with ferrous metal primer.

e. Concrete Block. Concrete block should be laid plumb and true with neatly finished joints. All excessive mortar fins at joints should be stoned off and any large holes filled by the masonry contractor. Block should be air blown free of dirt and dust to help create a full bond.

PART 3 – APPLICATION

3.1 Apply material evenly, free from sags, runs, crawls, holidays or defects. Mix to proper

consistency, brush out smooth, leaving minimum of brush marks, enamel and varnish uniformly flowed on.

3.2 Apply paint by brushes, roller or spray.

3.3 Tint all pigmented undercoats to approximately same shade as final coat. Perceptibly increase the depth of shade in successive coats.

3.4 Allow each coat to thoroughly dry before succeeding coat application. For oil paints, allow at least 48 hours between coats of exterior work, except where otherwise recommended by the manufacturer.

3.5 Finish all four edges of doors with the same number and kind of coatings as specified for their main surfaces. Where openings into rooms having different finishes, finish door edges as directed.

3.6 Do not paint factory finished items unless specifically directed.

3.7 Paint visible surfaces of metal ducts and vents.

3.8 Finish mill or shop primed items with materials compatible with prime coat.

3.9 Mechanical and electrical work in exposed areas: Include that portion of ductwork or plenum spaces, the interior of which is visible through the grilles.

3.10 Shop primed metal surface of all mechanical and electrical equipment shall receive two finish coats of paint to match adjoining wall or ceiling surfaces. Prime coat, in addition to above, on all unprimed surfaces. Principal items of this work include interior of hose cabinets, air grilles, ceiling diffusers, electric panels, telephone panels, access panels, conduit outlet and pull boxes, ducts and pipes.

3.11 All other mechanical equipment exposed to view, such as covered and uncovered piping and ductwork, pumps, compressors, air conditioning equipment, tanks, etc., shall be painted as specified herein, where not supplied finished under other sections.

3.12 Miscellaneous Painting. Surfaces to be painted and not specifically described herein, shall be painted with a product specifically manufactured or prepared for the material and surface; prime coat and two finish coats.

3.13 Upon completion, remove all rubbish caused by this trade. Remove spots from floors, glass, and other surfaces. Leave premises in a clean and orderly condition.

3.14 At the completion of other trades, touch up damaged surfaces as required.

PART 4 – PAINTING SCHEDULE

4.1 Finish No. 4: All Exterior Concrete Block.

a. Anti-Graffiti Coating System for Exterior Concrete Block (see Attachment #2 this section.)

b. Preparation:

Surfaces shall be prepared by following procedures standard in the painting industry. They shall be clean, sound, and free of grease or other foreign matter.

PART 5 - ATTACHMENT #1 (FINISH PAINTING)

FINISH NO.: 100% SOLIDS THERMOSETTING POLYESTER COATING

5.1 General:

a. Furnish all materials, tools, equipment, labor and services required to complete the special coatings work as indicated and as specified. Principal items of work include, but are not limited to, the following: Vitreous Wall Coatings

5.2 General Requirements:

a. Verify dimensions on the drawings, with field conditions at the start of the work and check continuously during construction. Accept responsibility for inaccuracies built into the work.

b. Inspect related work and surfaces; report in writing to the Landscape Architect those conditions which prevent proper provisions of this work. Any required removal, repair or replacement of this work caused by unsuitable conditions shall be done at no additional cost to the Owner.

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

d. Colors shall be chosen by Landscape Architect.

e. Samples. After color selection, submit samples in duplicate of the material specified in the colors chosen, for approval by the Landscape Architect. Mark clearly to show manufacturer's name and product identification.

5.3 Manufacturer.

Specification data is from VITROCEM as manufactured by Bithell, Inc., 1004 E. Edna Place, Covina, CA 91724. Products of other manufacturers will be acceptable, provided that, in the opinion of the Landscape Architect all essential features such as materials, and finish are equal to the products specified.

5.4 Surface Preparation:

a. General. It is the responsibility of this Contractor to inspect the surfaces to be coated, to see that each prior trade has left the surface in a proper condition to receive the work of this Contractor.
   1. Mask to protect uncoated adjacent surfaces.
   2. Repair minor surface damage.
   3. Check for moisture on excessive alkali and correct as required.

5.5 Coating Materials:

1st Coat:	Polyester Filler
2nd Coat:	Polyester Enamel
3rd Coat:	Clear Water White Poly-Glaze

5.6 Application:

a. Apply the first coat of Polyester Filler by roller at a spreading rate of 75 to 100 square feet per gallon or as required to fill all voids in the masonry.

b. Apply the second coat of Poly Base coat by roller at a spreading rate of 150 to 200 square feet per gallon.

c. Apply the third coat of Clear Water White Poly-Glaze by spray at a spreading rate of 250 square feet per gallon.
Material Preparation. Poly 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.

5.7 Manufacturer's Supervision and Guarantee:

a. All poly coatings shall be done under the supervision of the manufacturer, using applicators thoroughly trained and approved by the manufacturer.

b. Provide a two year written guarantee against defects in material or workmanship.

5.8 Manufacturer's Recommendations and Samples:

a. Prior to beginning application of the coating system, the manufacturer must be present to examine the surfaces to be coated. A detailed specification, application instructions, and samples of the system to be used must be submitted by the manufacturer, for approval by the Landscape Architect.

PART 6 - ATTACHMENT #2 (FINISH PAINTING)

PART 7 - ANTI-GRAFFITI COATING SYSTEM FOR EXTERIOR SLUMPED BLOCK (CLEAR FINISH)

7.1 General:

a. Furnish all materials, tools, equipment, labor and services required to complete the special coatings work as indicated and as specified. Principal items of work include, but are not limited to, the following:

1. Vitreous Wall Coatings

7.2 General Requirements:

a. Verify dimensions on the drawings with field conditions at the start of the work and check continuously during construction. Accept responsibility for inaccuracies built into the work.

b. Inspect related work and surfaces; report in writing to the Landscape Architect those conditions which prevent proper provisions of this work. Any required removal, repair or replacement of this work caused by unsuitable conditions shall be done at no additional cost to the Owner.

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

d. Samples. After color selection, submit samples in duplicate of the material specified, for approval by the Landscape Architect. Mark clearly to show manufacturer's name and product identification.

e. Manufacturer. Specification data is from VITROCEM as manufactured by Bithell, Inc., 1004 E. Edna Place, Covina, CA 91724. Products of other manufacturers will be

acceptable, provided that, in the opinion of the Landscape Architect, all essential features such as materials and finish are equal to the products specified.

7.3 Surface Preparation:

a. General. It is the responsibility of this Contractor to inspect the surfaces to be coated, to see that each prior trade has left the surface in a proper condition to receive the work of this Contractor.

1. Mask to protect uncoated adjacent surfaces.
2. Repair minor surface damage.
3. Check for moisture or excessive alkali and correct as required.

7.4 Coating Materials:

a. Coating System for Exterior Slumped Block.
1st Coat: Clear Polyester glaze.
2nd Coat: Clear Polyester glaze.
3rd Coat: Clear Anti-Graffiti glaze.

7.5 Application:

a. Apply the first coat by roller at a spreading rate of 75 square feet per gallon.

b. Apply second coat by roller at 125 square feet per gallon.

c. Apply the third coat of Clear Water White Anti-Graffiti Glaze by spray at a spreading rate of 200 square feet per gallon.

d. Material Preparation. Polyester 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.

7.6 Manufacturer's Supervision and Guarantee:

a. All Poly Coatings shall be done under the supervision of the manufacturer, using applicators thoroughly trained and approved by the manufacturer.

b. Provide a two year written guarantee against defects in material or workmanship.

7.7 Manufacturer's Recommendations and Samples:

a. Prior to beginning application of the coating system, the manufacturer must be present to examine the surfaces to be coated. A detailed specification, application instructions and samples of the system to be used must be submitted by the manufacturer, for approval by the Landscape Architect.

END OF SECTION 09900 (Site)