SECTION 09 91 00

PAINTING

PART 1 - GENERAL

1.01 DESCRIPTION

A. This Section describes the requirements for painting and finishing of interior and exterior exposed items and surfaces.

1. Surface preparation, priming and coats of paint specified are in addition to shop-priming and surface treatments specified in other Sections.

2. Work includes painting exposed pipes and ducts, hangers, exposed steel and iron, and primed metal surfaces of Mechanical and Electrical equipment, and general sheet metal work, except as otherwise indicated or specified.

3. Work includes painting hardware specified as primed (USP or 600).

4. Work includes sanding shop-primed surfaces and applying specified primer and finish coats.

5. "Paint" means coating systems materials, including primers, emulsions, enamels, stains, sealers and fillers, and other applied materials whether used as prime, intermediate or finish coats.

B. Surfaces Not to Be Painted:

1. Pre-finished items, including but not limited to acoustic materials, casework, and finished mechanical and electrical equipment, including light fixtures, switchgear and distribution cabinets.

2. Concealed surfaces such as walls or ceilings in concealed areas and inaccessible areas, furred areas, pipe spaces, and duct shafts.

3. Finished metal surfaces such as anodized aluminum, stainless steel, chromium plate, copper, bronze and similar finished materials, exterior aluminum entrances, storefronts, and windows.

4. Moving parts of operating units, mechanical and electrical parts, such as valve and damper operators, linkages, sensing devices, motor and fan shafts.

C. Following categories of work are included under other Sections:

1. Shop priming ferrous metal items including structural steel, metal fabrications, hollow metal work and similar items. The work of this Section includes sanding and applying specified primer on all shop-primed surfaces exposed to view in the completed work.

2. Shop priming of fabricated components such as architectural woodwork, wood casework and shop-fabricated or factory-built mechanical and electrical equipment or accessories.

3. Piping identification is specified in Division 22.

4. Graffiti-resistant coatings are specified in Section 09 96 23.

D. Do not paint over code-required labels, equipment identification, performance rating, name, or nomenclature plates.

1.02 SUBMITTALS

A. Certification: Furnish certification by the paint manufacturer that products supplied comply with local regulations controlling the use of volatile organic compounds (VOCs).

B. Samples: Furnish samples of each color and material to be applied, with texture to simulate actual conditions, on representative samples of the actual substrate.

1. Provide stepped samples, defining each separate coat, including block fillers and primers. Use representative colors when preparing samples for review. Resubmit until required sheen, color, and texture is achieved.

2. Furnish samples on the following substrates for review of color and texture only:

a. Painted Wood: Two 12-inch square samples of each color and material on hardboard.

b. Stained or Natural Wood: Two 4-inch x 8-inch samples of natural and stained wood finish on actual wood samples.

C. Product Data: Specified paint systems are those of Benjamin Moore, Dunn Edwards, Frazee, Kelly Moore, Sherwin Williams and Vista. If other paint manufacturers are proposed and accepted by the County's Representative, furnish product comparison charts showing that proposed paint systems are equal to the specified materials in number of coats, type of paint, and sheen.

D. LEED Submittals:

1. IEQ Credit 4.2: Product data for paints and coatings used inside the weatherproofing system indicating VOC content of each product used. Indicate VOC content in g/L calculated according to 40 CFR 59, Subpart D.

a. Furnish the LEED Online Credit Template listing all the paints and coatings used in the building, stating they comply with the VOC and chemical component limits of GS-11 requirements.

b. Required Audit Documentation:

1) Product data sheets and MSDS or letter from the manufacturer for each interior paint, with the VOC content in g/L circled.

2) Summary table comparing credit VOC requirements and actual VOC levels for each product.

1.03 QUALITY ASSURANCE

A. Applicators Qualifications: Engage an experienced applicator who has completed painting system applications similar in material and extent.

B. Single Source Responsibility: Provide primers and other undercoat paint produced by same manufacturer as finish coats. Use thinners approved by paint manufacturer, and use within recommended limits.

C. Coordination of Work: Review other Sections in which prime paints are to be provided to ensure compatibility of coatings system for various substrates. Upon request, furnish information or characteristics of finish materials to be used.

D. Requirements of Regulatory Agencies: Comply with applicable rules and regulations of governing agencies for air quality control.

1. Comply with current applicable regulations of the local air quality district, California Air Resources Board (CARB) and the Environmental Protection Agency (EPA).

2. Regulatory changes may affect the formulation, availability, or use of specified coatings. Confirm availability of coatings to be used prior to start of painting.

E. Field Samples: On interior wall surfaces provide full-coat finish samples on at least 100-sq. ft. of surface, as directed, until required sheen, color and texture is obtained; simulate finished lighting conditions for review of in-place work. Approved samples will be used as a standard for the Project.

1.04 INTERIOR ENVIRONMENTAL QUALITY ASSURANCE

A. IEQ Credit 4.2: Paints and coatings used on the interior of the building (defined as inside of the weatherproofing system and applied on-site) shall comply with the following criteria:

1. Architectural paints, coatings and primers applied to interior walls and ceilings: Do not exceed VOC content limits established in Green Seal Standard GS-11, Paints, 1st Edition, May 20, 1993.

a. Flats: 50 g/L

b. Non-Flats: 150 g/L

2. Anti-corrosive and anti-rust paints applied to interior ferrous metal substrates: Do not exceed the VOC content limit of 250 g/L established in Green Seal Standard GC-03, Anti-Corrosive Paints, 2nd Edition, January 7, 1997.

3. Clear wood finishes, floor coatings, stains and shellacs applied to interior elements: Do not exceed the VOC content limits established in South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings, amended July 13, 2007.

a. Clear Wood Finishes:

1) Varnish 275 g/L.

2) Lacquer 275 g/L.

3) Clear Brushing Lacquer: 275 g/L.

4) Floor Coatings: 50 g/L.

b) Sealers:

1) Waterproofing Sealers: 100 g/L.

2) Sanding Sealers: 275 g/L.

3) All other Sealers: 200 g/L.

c) Shellacs:

1) Clear: 730 g/L.

2) Pigmented: 550 g/L.

d) Stains: 100 g/L.

B. Applicable LEED Credits:

1. Credit IEQ 4.2 – Low-Emitting Materials - Paints and Coatings.

1.05 PRODUCT DELIVERY, STORAGE, AND HANDLING

A. Deliver materials to job site in original, new and unopened packages and containers bearing manufacturer's name, batch number, color, and directions.

B. Store materials in tightly covered containers. Maintain containers in a clean condition, free of foreign materials and residue.

C. Keep storage area neat and orderly. Remove oily rags and waste daily. Ensure that workers and work areas are adequately protected from fire hazards and health hazards resulting from handling, mixing and application of paints.

1.06 JOB CONDITIONS

A. Apply water-base paints when temperature of surfaces to be painted and surrounding air temperatures are between 50-deg. F. and 90-deg. F., unless otherwise permitted by paint manufacturer's printed instructions.

B. Apply solvent-thinned paints only when temperature of surfaces to be painted and surrounding air temperatures are between 45-deg. F. and 90-deg. F., unless otherwise permitted by paint manufacturer's printed instructions.

C. Do not apply paint in rain, fog or mist, when relative humidity exceeds 85-percent, or when temperature is less than 5-deg. F. above dew point, or to damp or wet surfaces, unless otherwise permitted by paint manufacturer's printed instructions.

D. Provide adequate ventilation during interior painting using as close to 100-percent outside air as possible.

1.07 EXTRA MATERIALS

A. In addition to materials for completion of the work, furnish 5-gallons of additional materials for each type and color of opaque paint used.

B. Furnish extra materials from same production lots or color runs used in the work. Furnish in containers factory sealed and labeled. Identify each container with Project name and type of material.

C. Deliver materials and an inventory list just prior to Substantial Completion and store where directed by County.

PART 2 - PRODUCTS

2.01 APPROVED MANUFACTURERS

A. Benjamin Moore, Dunn Edwards, Frazee, ICI, Kelly Moore, Sherwin Williams, Vista or approved equal.

2.02 MATERIALS

A. Material Compatibility: Provide block fillers, primers, finish coat materials, and related materials that are compatible with one another and the substrates indicated under conditions of service and application.

B. Material Quality: Provide best quality grade of coatings as regularly manufactured by acceptable paint materials manufacturers. Materials not displaying manufacturer's identification as a standard, best-grade product will not be acceptable. Each product within any one paint system shall be from the same manufacturer.

2.03 COLORS

A. Colors shall match color chips furnished by the County's Representative. At least 15-percent of required colors may be deep tone colors.

B. Colors of paints, including shades of stain, shall match color samples approved by County's Representative.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine substrates and conditions under which painting is to be applied. Surfaces receiving paint shall be thoroughly dry before paint is applied.

1. Provide barrier coats over incompatible primers or remove and re-prime as required. Notify County's Representative prior to applying barrier coats.

2. Clean surfaces before applying paint or surface treatments. Remove oil and grease prior to mechanical cleaning.

3. Start of painting will be construed as the applicator's acceptance of surfaces and conditions within a particular area.

3.02 PROTECTION

A. Protection: Protect work of other Sections against damage by painting and finishing work. Correct damage by cleaning, repairing or replacing, and repainting, as acceptable to County's Representative.

1. Provide "Wet Paint" signs as required to protect newly painted finishes. Remove temporary protective wrappings provided by others for protection of their work, after completion of painting operations.

2. Remove or protect hardware, hardware accessories, machined surfaces, plates, lighting fixtures, and similar items in place and not to be finish-painted, or provide surface-applied protection prior to surface preparation and painting. Following completion of painting, reinstall removed items.

3. At completion of work of other Sections, touch-up and restore damaged or defaced painted surfaces.

3.03 SURFACE PREPARATION

A. Concrete and Masonry:

1. Prepare surfaces to be painted by removing surface contaminates.

a. Remove efflorescence with stiff bristle brush, wire brushing, wiping, sandblasting or acid washing and rinsing. Allow to dry.

b. Remove chalk, dust, dirt, asphalt, tar or excessive mortar by scraping or wire brushing.

c. Remove rust, grease or oil by solvent cleaning or sandblasting.

d. Treat concrete surfaces which are highly glazed or where traces of form release agents are present with a preparation of one-part concentrated muriatic acid, 4-parts water and one-part detergent or as recommended by parting compound manufacturer. Remove acid with water. Allow to dry.

e. Remove stains on concrete resulting from weathering or corroded metals, with a solution of 2-oz. sodium methasilicate in one-gallon water. Wet stained areas with water before application of solution. Allow to dry.

B. Plaster:

1. Clean surfaces free from grit, loose plaster and surface irregularities.

2. Determine alkalinity and moisture content by performing appropriate tests. Do not paint over surfaces where moisture content exceeds that permitted in manufacturer's literature or where pH exceeds 10.

C. Wood: Clean surfaces of dirt, oil, and other foreign substances with scrapers, mineral spirits, and sandpaper, as required. Sand surfaces exposed to view smooth and dust off.

1. Scrape and clean small, dry, seasoned knots, and apply a thin coat of white shellac or other recommended knot sealer before applying primer. After priming, fill holes and imperfections in finish surfaces with putty or plastic wood filler. Sand smooth when dry.

2. Prime, stain, or seal wood to be painted immediately upon delivery. Prime edges, ends, faces, undersides, and backsides of wood, including cabinets, counters, cases, and paneling.

3. When transparent finish is required, back-prime with spar varnish.

4. Back-prime paneling on interior partitions where masonry, plaster, or other wet wall construction occurs on backside.

5. Seal tops, bottoms, and cutouts of unprimed wood doors with a heavy coat of varnish or sealer immediately upon delivery.

D. Ferrous Metal: Clean ungalvanized ferrous metal surfaces that have not been shop-coated; remove oil, grease, dirt, loose mill scale, and other foreign substances. Use solvent or mechanical cleaning methods that comply with recommendations of The Society for Protective Coatings (SSPC).

1. Blast surfaces clean as recommended by the paint system manufacturer and according to requirements of SSPC specification SSPC-SP 10.

2. Treat bare and sandblasted or pickled clean metal with a metal treatment wash coat before priming.

3. Sand shop-applied prime coats to a smooth surface, ready to receive specified primer and finish coats.

E. Galvanized Metals: Clean with non-petroleum-based solvents so that the surface is free of oil and surface contaminants. Remove pretreatment from galvanized sheet metal fabricated from coil stock by mechanical methods.

F. Gypsum Wallboard: Clean surfaces of dust, dirt, grease, oil and other foreign matter and dust clean.

G. Existing Surfaces to be Repainted: Thoroughly clean and de-gloss surfaces to be repainted by sanding or other means prior to painting. Patched and bare areas shall be shop-primed with same alkyd primer as specified for new work.

3.04 MATERIALS PREPARATION

A. Mix and prepare painting materials in accordance with manufacturer's directions.

B. Maintain containers used in mixing and application of paint in a clean condition, free of foreign materials and residue.

C. Stir materials before application to produce a mixture of uniform density, and stir as required during application. Do not stir surface film into material. Remove film and strain material before using.

D. Use thinners approved by paint manufacturer and only within recommended limits.

E. Tinting: Tint each undercoat a lighter shade to facilitate identification of each coat where multiple coats of the same material are applied. Tint undercoats to match the color of the finish coat, but provide sufficient differences in shade of undercoats to distinguish each separate coat.

3.05 APPLICATION

A. General: Apply paint in accordance with manufacturer's directions. Use applicators and techniques best suited for substrate and type of material being applied.

1. Provide finish coats compatible with prime coats.

2. The number of coats required is the same regardless of the application method. Do not apply following coats until the previous coat has cured as recommended by the manufacturer. Sand between applications where required to produce a smooth even surface.

3. Apply additional coats when undercoats, stains or other conditions show through final coat, until paint film is of uniform finish, color and appearance. Edges, corners, crevices, welds, and exposed fasteners shall receive a dry film thickness equivalent to that of flat surfaces.

4. Paint surfaces behind movable equipment and furniture.

5. Paint surfaces behind permanently-fixed equipment or furniture with prime coat before final installation of equipment.

6. Paint visible surfaces of ducts where visible through registers or grilles with a flat, non-specular black paint.

7. Paint back sides of access panels, and removable or hinged covers to match exposed surfaces.

8. Finish interior of wall and base cabinets and similar field-finished casework to match exterior.

9. Finish doors on top, bottom and side edges same as faces. Where openings into rooms have different finishes, finish door edges as directed by the County's Representative.

10. Omit primer on metal surfaces that have been shop-primed and touch-up painted, unless otherwise indicated.

B. Scheduling Painting: Apply first-coat material to surfaces that have been cleaned, pretreated or otherwise prepared for painting as soon as practicable after preparation.

1. Allow sufficient time between successive coatings to permit proper drying.

C. Application Procedures: Apply paints and coatings by brush, roller, spray, or other applicators according to manufacturer's instructions.

1. Brushes: Use brushes best suited for the material applied.

2. Rollers: Use rollers of carpet, velvet back, or high-pile sheep's wool as recommended by the manufacturer for the material and texture required.

3. Spray Equipment: Use airless spray equipment with orifice size as recommended by the manufacturer for the material and texture required.

D. Minimum Coating Thickness: Apply materials at not less than manufacturer's recommended spreading rate.

E. Mechanical and Electrical Work: Painting mechanical and electrical work is limited to items exposed in mechanical equipment rooms and in occupied spaces. Finish to match adjoining wall or ceiling surfaces.

1. Mechanical items to be painted include, but are not limited to, piping, hangers, and supports; heat exchangers; tanks; ductwork; insulation; supports; motors and mechanical equipment; air grilles and diffusers; and accessory items.

2. Electrical items to be painted include, but are not limited to conduit and fittings, panels, and switchgear.

F. Block Filler: Apply block fillers to concrete masonry block at a rate to ensure complete coverage with pores completely filled flush, free of pinholes. Provide multiple coats if required.

G. Prime Coats: Before applying finish coats, apply a prime coat. Re-coat primed and sealed surfaces where there is evidence of suction spots or unsealed areas to assure a finish coat with no burn-through or other defects.

H. Pigmented (Opaque) Finishes: Completely cover to provide an opaque, smooth surface of uniform finish, color, appearance and coverage. Cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness and other surface imperfections will not be acceptable.

I. Transparent (Clear) Finishes: Use multiple coats to produce glass-smooth surface film of even luster. Provide a finish free of laps, cloudiness, color irregularity, runs, brush marks, orange peel, nail holes, or other surface imperfections.

J. Completed Work: Match approved samples for color, texture and coverage. Remove, refinish or repaint work not in compliance with specified requirements.

3.06 CLEANING

A. Clean-Up: During progress of work, remove discarded paint materials, rubbish, cans and rags at end of each work day.

B. Upon completion of painting work, clean window glass and other paint-spattered surfaces. Remove spattered paint by washing and scraping; do not scratch or damage finished surfaces.

3.07 EXTERIOR PAINT SCHEDULE

		BENJAMIN MOORE	DUNN-EDWARDS	FRAZEE	KELLY-MOORE	SHERWIN WILLIAMS	VISTA	MPI CATEGORY
A. Ferrous Metal, 100% Acrylic Semigloss								
	First Coat	Acrylic Metal Primer M04	W715 Ultra Grip	561 Acrylic Metal Primer	1725 Acry-Shield Primer	B66-W1 Series	4800 Metal Pro Primer	107
	Second Coat	Aura Exterior Semi-Gloss #632	W901V Permasheen	124 Mirro Glide SG	1250 Acry-Shield	B42 Metallatex SG	8400 Carefree Semi Gloss	11
	Third Coat	Aura Exterior Semi-Gloss #632	W 901V Permasheen	124 Mirro Glide SG	1250 Acry-Shield	B42 Metallatex SG	8400 Carefree Semi Gloss	11

B. Galvanized and Zinc Alloy Metal, 100% Acrylic Semigloss								
	Pretreatment	Etch	ME-01 Etch	Jasco Prep N' Prime	Jasco Prep N' Prime	B71Y1 Wash Primer	Jasco Prep N' Prime	
	First Coat	Fresh Start Acrylic Primer #023	W715 Ultra Grip	561 Acrylic Metal Primer	1725 Acry-Shield Primer	B66A50 DTM Bonding Primer	4800 Metal Pro Primer	134
	Second Coat	Aura Exterior Semi-Gloss #632	W901V Permasheen	124 Mirro Glide SG	1250 Acry-Shield	B42 Metallatex SG	8400 Carefree Semi Gloss	11
	Third Coat	Aura Exterior Semi-Gloss #632	W901V Permasheen	124 Mirro Glide SG	1250 Acry-Shield	B42 Metallatex SG	8400 Carefree Semi Gloss	11
C. Plaster, 100% Acrylic Flat								
	First Coat	Fresh Start Acrylic Primer #023	W709 EFF Stop	203 Duratec	247 Acry-Shield	A24W300 Loxon Primer	2000 Duratone	3
	Second and Third Coats	Aura Exterior Flat #622	W701V Evershield	203 Duratec II	1240 Acry-Shield	K33 Duration Flat	2000 Duratone	10
D. Concrete, 100% Acrylic Flat								
	First Coat	Fresh Start Acrylic Primer #023	W709 EFF Stop	266 Epotilt Primer	247 Acry-Shield	A24W300 Loxon Primer	4600 Uniprime	3
	Second and Third Coats	Aura Exterior Flat #622	W701V Evershield	203 Duratec	1240 Acry-Shield	K33 Duration Flat	2000 Duratone 100% Acrylic	10
E. Concrete Block, 100% Acrylic Flat								
	First Coat	Latex Block Filler M88	W 305 Blocfil	262 Acrylic Block Filler	521 Color Shield	B25W25 Prep Rite Block Filler	018 100% Acrylic Block Filler	4
	Second and Third Coats	Aura Exterior Flat #622	W 701V Evershield	203 Duratec	1240 Acry-Shield	K33 Duration Flat	2000 Duratone 100% Acrylic	10
F. Wood, 100% Acrylic Semigloss								
	First Coat	Fresh Start Acrylic Primer #023	W 708 E-Z Prime	168 Prime + Plus	255 Acry-Shield	B42W41 A-100 Exterior Latex Primer	4200 Terminator II	6
	Second and Third Coats	Aura Exterior Semi-Gloss #632	W 901V Permasheen	124 Mirro Glide SG	1250 Acry-Shield	B42 Metallatex SG	8400 Carefree Semi Gloss	11
G. Wood, Acrylic Semi-Transparent Stain								
	First and Second Coats	Moorewood Acrylic ST Stain 98	WP 3-1 Okon WeatherPro	Monopole Aquaseal Stain	1285 Acry-Shield	A15T5 WoodScapes	Olympic VOC – ST Stain for Wood	156

3.09 INTERIOR PAINT SCHEDULE

		BENJAMIN MOORE	DUNN-EDWARDS	FRAZEE	KELLY-MOORE	SHERWIN WILLIAMS	VISTA	MPI CATEGORY
A. Wood, 100% Arcylic Low Odor/Zero VOC Semigloss								
	First Coat	Eco Spec Latex Primer Sealer #231	DEW600 Ecoshield Primer	066 Envirokote	973 Acry-Plex	B11W900 Harmony Primer	6000 Earth Coat Primer	46
	Second and Third Coats	Eco Spec Latex Semi-Gloss #224	DEW603 Ecoshield SG	032 Envirokote SG	1520 Enviro-Coat	B10 Harmony Semi-Gloss	6200 Earth Coat Semi Gloss	147
B. Wood, Clear Satin Urethane Finish								
	First Coat	Benwood Quick Dry Sanding Sealer #413	LQ 150-0 550 Crystaclear Sanding Sealer	Varathane Diamond WB Finish	2095 Kelthane Sealer	A68V91 Wood Classics WB Polyurethane Varnish GL	107 Acrithane Sanding Sealer	---
	Second and Third Coats	Benwood Acrylic Polyurethane Low Lustre #423	LQ 154 550 Crystaclear	Varathane Diamond WB Finish	2097 KellThane II	A68 Wood Classics WB Polyurethane Varnish SG	109 Acrithane Semi Gloss	128

C. Wood, Stain and Satin Urethane Finish								
	First Coat	Benwood Penetrating Stain #234	V 109 Stainseal II	ZAR Wood Stain	1281 Modern Wood Finish	Minwax 250 Oil Stain	Minwax 250 Oil Stain	90
	Second Coat	Benwood Quick Dry Sanding Sealer #413	LQ 150-0 550 Crystaclear Sanding Sealer	Varathane Diamond WB Satin	4783 Woodcraft	A68V91 Wood Classics WB Polyurethane Varnish GL	107 Acrithane Sanding Sealer	---
	Third and Fourth Coats	Benwood Polyurethane Low Lustre #423	LQ 154 550 Crystaclear	Varathane Diamond WB Satin	2097 Kell-Thane II	A68 Wood Classics WB Polyurethane Varnish SG	109 Acrithane Semi Gloss	128
D. Concrete and Plaster, Acrylic Low Odor/Zero VOC Flat								
	First Coat	Eco Spec Latex Primer Sealer #231	DEW600 Ecoshield Primer	066 Envirokote	973 Acry-Plex	B11W900 Harmony Primer	6000 Earth Coat Primer	50
	Second and Third Coats	Eco Spec Latex Flat #219	DEW601 Ecoshield Flat	018 Envirokote FL	1500 Enviro-Coat	B5 Harmony Flat	6100 Earth Coat Flat	143
E. Concrete and Plaster, 100% Acrylic Low Odor/Zero VOC Low Sheen/Eggshell								
	First Coat	Eco Spec Latex Primer Sealer #231	DEW600 Ecoshield Primer	066 Envirokote	973 Acry-Plex	B11W900 Harmony Primer	6000 Earth Coat Primer	50
	Second and Third Coats	Eco Spec Latex Eggshell Finish #223	DEW602 Ecoshield LS	029 Envirokote EG	1510 Enviro-Coat	B9 Harmony Eggshell	6300 Earth Coat Eggshell	145
F. Concrete and Plaster, 100% Acrylic Low Odor/Zero VOC Semigloss								
	First Coat	Eco Spec Latex Primer Sealer #231	DEW600 Ecoshield Primer	066 Envirokote	973 Acry-Plex	B11W900 Harmony Primer	6000 Earth Coat Primer	50
	Second and Third Coats	Eco Spec Latex Semi-Gloss #224	DEW603 Ecoshield SG	032 Envirokote SG	1520 Enviro-Coat	B10 Harmony Semi-Gloss	6400 Earth Coat Semi Gloss	147
G. Concrete Block, Acrylic Low Odor/Zero VOC Flat								
	First Coat	Super Craft Latex Block Filler #285	W 305 Blocfil	262 Acrylic Block Filler	521 Color Shield	B25W25 PrepRite Block Filler	018 100% Acrylic Block Filler	4
	Second and Third Coats	Eco Spec Latex Flat #219	DEW 601 Ecoshield Flat	018 Envirokote FL	1500 Enviro-Coat	B5 Harmony Flat	6100 Earth Coat Flat	143
H. Concrete Block, 100% Acrylic Low Odor/Zero VOC Semigloss								
	First Coat	Super Craft Latex Block Filler #285	W 305 Blockfil	262 Acrylic Block Filler	521 Color Shield	B25W25 PrepRite Block Filler	018 100% Acrylic Block Filler	4
	Second and Third Coats	Eco Spec Latex Semi-Gloss #224	DEW 603 Ecoshield SG	032 Envirokote SG	1520 Enviro-Coat	B10 Harmony Semi-Gloss	6400 Earth Coat Semi Gloss	147
I. Concrete Block, Epoxy Semigloss								
	First Coat	Super Craft Latex Block Filler #285	W305 Blockfil	262 Acrylic Block Filler	521 Color Shield	B25W25 PrepRite Block Filler	018 100% Acrylic Block Filler	4
	Second and Third Coats	HP Acrylic Epoxy Glass P43	Rustoleum Sierra Epoxy S-50	Amercoat 335	7100 Enviro-Poxy	K46 Pro Industrial WB Epoxy	Carboline Carboguard 890 VOC	115
J. Gypsum Wallboard, Acrylic Low Odor/Zero VOC Flat								
	First Coat	Eco Spec Latex Primer Sealer #231	DEW 600 Ecoshield Primer	066 Envirokote	973 Acry-Plex	B11W900 Harmony Primer	6000 Earth Coat Primer	149
	Second and Third Coats	Eco Spec Latex Flat #219	DEW 601 Ecoshield Flat	018 Envirokote FL	1500 Enviro-Coat	B5 Harmony Flat	6100 Earth Coat Flat	143
K. Gypsum Wallboard, 100% Acrylic Low Odor/Zero VOC Low Sheen/Eggshell								
	First Coat	Eco Spec Latex Primer Sealer #231	DEW 600 Ecoshield Primer	066 Envirokote Primer	973 Acry-Plex	B11W9000 Harmony Primer	6000 Earth Coat Primer	149
	Second and Third Coats	Eco Spec Latex Eggshell Finish #223	DEW 602 Ecoshield LS	029 Envirokote EG	1510 Enviro-Coat	B9 Harmony Eggshell	6300 Earth Coat Eggshell	145

L. Gypsum Wallboard, 100% Acrylic Low Odor/Zero VOC Semigloss								
	First Coat	Eco Spec Latex Primer Sealer #231	DEW 600 Ecoshield Primer	066 Envirokote Primer	973 Acry-Plex	B11W900 Harmony Primer	6000 Earth Coat Primer	149
	Second and Third Coats	Eco Spec Latex Semi-Gloss #224	DEW 603 Ecoshield SG	032 Envirokote SG	1520 Enviro-Coat	B10 Harmony Semi-Gloss	6400 Earth Coat Semi Gloss	147
M. Gypsum Wallboard, Epoxy Semigloss								
	Barrier Coat	Zinnser Gardz	Zinnser Gardz	Zinnser Gardz	Zinnser Gardz	Zinnser Gardz	Zinnser Gardz	
	First Coat	Pristine Eco Spec Latex Primer Sealer #231	Rustoleum Sierra Griptec S-30	061 Aqua Seal Wall Sealer	971 Acry-Plex	PrepRite 200 Latex Primer	1100 Hi-Build Primer	149
	Second and Third Coats	HP Acrylic Epoxy Glass P43	Rustoleum Sierra Epoxy S-50	Amercoat 335	7100 Enviro-Poxy	K46 Pro Industrial WB Epoxy	Carboline Carboguard 890 VOC	115
N. Ferrous Metal, 100% Acrylic Low Odor/Zero VOC Semigloss								
	First Coat	Super Spec Metal Primer M04	W8 Syn Lustro Primer	561 Acrylic Primer	1725 Acry-Shield	B66 W1 DTM Acrylic Primer	4800 Metal Pro Primer	107
	Second and Third Coats	Eco Spec Latex Semi-Gloss #224	DEW 603 Ecoshield SG	032 Envirokote SG	1520 Enviro-Coat	B10 Harmony Semi-Gloss	6400 Earth Coat Semi Gloss	147
O. Ferrous Metal, 100% Acrylic Gloss								
	First Coat	Super Spec Metal Primer M04	W8 Syn Lustro Primer	561 Acrylic Primer	1725 Acry-Shield	B66 W1 DTM Acrylic Primer	4800 Metal Pro Primer	107
	Second and Third Coats	Latex High Gloss Enamel #309	W 960E Permagloss	143 Mira Glide GL	1680 Dura-Poxy	A85 Super Paint Gloss	8500 Carefree Gloss	114
P. Non-Ferrous Metal, 100% Acrylic Low Odor/Zero VOC Semigloss								
	Pretreatment	Etch	ME-01 Etch	Jasco Prep N' Prime	Jasco Prep N' Prime	B71Y1 Wash Primer	Jasco Prep N' Prime	
	First Coat	Super Spec Metal Primer M04	W8 Syn Lustro Primer	561 Acrylic Primer	1725 Acry-Shield	B66 W1 DTM Acrylic Primer	4800 Metal Pro Primer	107
	Second and Third Coats	Eco Spec Latex Semi-Gloss #224	DEW 603 Ecoshield SG	032 Envirokote SG	1520 Enviro-Coat	B10 Harmony Semi-Gloss	6400 Earth Coat Semi Gloss	147

3.10 WASTE MANAGEMENT

A. General: Comply with Section 01 74 19.

B. Set aside extra paint for future color matches, or reuse by County. Habitat for Humanity, etc. Where paint recycling is available, collect all waste paint by type and provide for delivery to recycling or collection facility.

C. Close and seal tightly all partly used paint and finish containers and store protected in well-ventilated fire-safe area at moderate temperatures.

D. Place empty containers of solvent based paints in areas designated for hazardous materials.

E. Do not dispose of paints or solvents by pouring on the ground. Place in designated containers for proper disposal.

END OF SECTION