

STANDARD SPECIFICATION  
JANUARY 2010

**DIVISION 9**

**SECTION 9F PAINTING AND DECORATING**

9F.01 GENERAL: Comply with all of the Contract Documents.

9F.02 SCOPE OF WORK: Refer to "Division Scope of Work"

9F.03 WORK NOT INCLUDED

A. Shop coats where specified and pre-finished items.

9F.04 SUMMARY OF WORK

A. The Work in this Section requires the surface preparation and field application of primers, fillers, paints, stains and coatings of surfaces indicated in the Finish Schedule.

9F.05 BRANDS AND MANUFACTURERS

A. Primers, fillers, paints, etc., shall be Benjamin Moor & Company or approved equal as determined by Architect/Engineer.

9F.06 MATERIALS

A. Paints.

1. References;

- a. Occupational Safety & Health Act (OSHA) – Safety Standards
- b. American National Standards Institute (ANSI) – Performance Standards
- c. Paint Decorating Contractors of America (PDCA) – Application Standards
- d. National Paint and Coatings Associations (NPCA) – Gloss Standards
- e. American Society for Testing Materials (ASTM) – Testing Methods
- f. Master Paint Institute (MPI) – Established Paint Categories and Standards
- g. Ozone Transmission Commission (OTC) – Established Levels of VOC

2. All paints shall be best quality, supplied by the same manufacturer and conform to Federal Specifications as listed and are environmentally compliant with; Low VOC or Lowest VOC level (Volatile Organic Compounds), Architectural and Industrial Maintenance (AIM) Coatings, regulated under 6 NYCRR Part 205 . Paints shall be also free of lead, chromate and mercury.

3. Paint all apartments, public halls, public stairs, public spaces, cellar spaces and all exposed surfaces.

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4. Paint all exterior ferrous metals, stairs, railings, lintels and cornices.

B. Colors

1. The Contractor is referred to Finish Schedule of Interior and Exterior Finishes as indicated on Architect/Engineer drawings.
2. Color selections shall be as determined by Project Architect from manufacturer's standard color chart(s).

C. Thinners

1. As recommended by manufacturer.

9F.07 SCHEDULE

- A. This schedule shall not be construed as being entirely inclusive but shall be accepted as a general guide for complete painting and finishing of the entire building including all surfaces of spaces and omitting nothing unless specifically mentioned to be excluded. All painting work to be acceptable by Architect/Engineer.

B. Exterior Paint Schedule:

1. Ferrous Metal – Doors, Frames & Miscellaneous Surfaces;
  - a. Water-base Semi-Gloss Finish: (1) one prime coat and (2) two finish coats

Note - For factory primed or previously painted, spot prime exposed metal only

	<u>VOC</u>
Primer – B. Moore P06 Super Spec HP Alkyd Metal Primer	320 g/L
Finish – B. Moore P29 Super Spec HP DTM Acrylic Semi-Gloss Paint	205 g/L

2. Galvanized Metal Surfaces;
  - a. Water-base Semi-Gloss Finish: Spot prime welds & rusted areas only, apply two finish coats

	<u>VOC</u>
Primer – B. Moore P45 Super Spec HP Epoxy Mastic Paint	193 g/L
Finish – B. Moore P29 Super Spec HP DTM Acrylic Semi-Gloss Paint	205 g/L

3. Wood Trim Surfaces;
  - a. Water-base Semi-Gloss Finish: (1) one prime coat and (2) two finish coats

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		<u>VOC</u>
	Primer – B. Moore Fresh Start Fast Dry Alkyd Primer	345 g/L
	Finish – B. Moore MoorGlo N096 100% Acrylic House & Trim Paint	150 g/L
C.	Interior Paint Schedule:	
1.	Concrete – Poured and Precast Surfaces;	
	a. <u>Zero VOC System</u> – (1) one primer coat and (2) two finish coats	
		<u>VOC</u>
	Primer – B. Moore 372 EcoSpec WB 100% Acrylic Latex Primer Sealer	0 g/L
	Finish – B. Moore 376 EcoSpec WB 100% Acrylic Semi-Gloss	0 g/L
2.	CMU and Concrete Blocks Surfaces;	
	a. <u>Lowest VOC System</u> – (1) one filler coat and (2) two finish coats	
		<u>VOC</u>
	Filler – B. Moore 285 Super Craft Acrylic Latex Block Filler	45 g/L
	Finish – B. Moore 376 EcoSpec WB 100% Acrylic Semi-Gloss	0 g/L
3.	Cellar Damp Masonry Surfaces;	
	a. <u>Interior acrylic masonry Waterproofer</u> – (2) two unthinned coats	
		<u>VOC</u>
	1 <sup>st</sup> Coat – B. Moore/Insl-X MW-100 WaterBlock™ Acrylic Waterproofer	<120 g/L
	2 <sup>nd</sup> Coat – B. Moore/Insl-X MW-100 WaterBlock™ Acrylic Waterproofer	<120 g/L
4.	Ferrous Metal – Doors, Frames & Miscellaneous Surfaces;	
	a. <u>Lowest VOC System:</u> Previously painted, factory primed or unpainted: (1) one prime coat and (2) two finish coats	
		<u>VOC</u>
	Primer – B. Moore P04 Super Spec HP Acrylic Metal Primer	53 g/L
	Finish – B. Moore 376 EcoSpec WB 100% Acrylic Semi-Gloss	0 g/L
5.	Ferrous Metal – Convectors;	
	a. <u>Water-base System</u> – (1) one prime coat and (2) two finish coats	
	Note - For factory primed or previously painted, spot prime exposed metal only	
		<u>VOC</u>
	Primer – B. Moore P04 Super Spec HP Acrylic Metal Primer	53 g/L
	Finish – B. Moore N333 Regal 100% Acrylic Semi-Gloss	135 g/L
6.	Galvanized Metal, Doors and Frame Surfaces;	

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- a. Lowest VOC System: Previously painted, factory primed or unpainted:  
(1) one prime coat and (2) two finish coats

	<u>VOC</u>
Primer – B. Moore P04 Super Spec HP Acrylic Metal Primer	53 g/L
Finish – B. Moore 376 EcoSpec WB 100% Acrylic Semi-Gloss	0 g/L

7. Plaster Surfaces;

7.1 Public Hall Walls;

- a. Zero VOC System – Surface prepared for painting: (1) one prime coat and (2) two finish coats

	<u>VOC</u>
Primer – Moore 372 EcoSpec WB 100% Acrylic Primer Sealer	0 g/L
Finish – Moore 376 EcoSpec WB 100% Acrylic Semi-Gloss	0 g/L

7.2 Public Hall Ceilings;

- a. Zero VOC System – Surface prepared for painting: (1) one prime coat and (2) two finish coats

	<u>VOC</u>
Primer – B. Moore 372 EcoSpec WB 100% Acrylic Primer Sealer	0 g/L
Finish – B. Moore 373 EcoSpec WB 100% Acrylic Flat	0 g/L

8. Gypsum Board Surfaces;

8.1 Bedroom, Living room Walls;

- a. Zero VOC System – Surface prepared for painting: (1) one prime coat and (2) two finish coats

	<u>VOC</u>
Primer – B. Moore 372 EcoSpec WB 100% Acrylic Primer Sealer	0 g/L
Finish – B. Moore 374 EcoSpec WB 100% Acrylic Eggshell	0 g/L

8.2 Corridor, Kitchen, Closet, Staircase Walls;

- a. Zero VOC System – Surface prepared for painting: (1) one prime coat and (2) two finish coats

	<u>VOC</u>
Primer – Moore 372 EcoSpec WB 100% Acrylic Primer Sealer	0 g/L
Finish – Moore 376 EcoSpec WB 100% Acrylic Semi-Gloss	0 g/L

8.3 Ceilings (except bathroom);

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- a. Zero VOC System – Surface prepared for painting: (1) one prime coat and (2) two finish coats

	<u>VOC</u>
Primer – B. Moore 372 EcoSpec WB 100% Acrylic Primer Sealer	0 g/L
Finish – B. Moore 373 EcoSpec WB 100% Acrylic Flat	0 g/L

8.4 Bathroom Wall and Ceiling Surfaces;

- a. Water-base System – (1) one prime coat and (2) two finish coats

	<u>VOC</u>
Primer – B. Moore N216 Regal First Coat Acrylic Latex Primer	68 g/L
Finish – B. Moore N322 Kitchen & Bath 100% Acrylic Satin	69 g/L

9. Wood and MDF Doors, Trims and Shelves Painted Surfaces:

- a. Low VOC System – Surface prepared for painting: (1) one prime coat and (2) two finish coats

	<u>VOC</u>
Primer – B. Moore 023 Fresh Start All-Purpose 100% Acrylic Primer	49 g/L
Finish – B. Moore 376 EcoSpec WB 100% Acrylic Semi-Gloss	0 g/L

10. Wood Floors, Doors, Handrails, Trims Stained Surfaces:

- a. Acrylic Water-base System – (1) one stain coat, (4) four clear coats

	<u>VOC</u>
Stain – B. Moore/Lenmar 1AS.1100 Penetrating Floor Stain	525 g/L
Coats – B. Moore/Lenmar ECH20 (1) one Component Finish *	145 g/L

\* Note – Select from (3) three finishes: Gloss, Semi-Gloss & Satin. See Finish Schedule.

9F.08 DELIVERY AND STORAGE OF MATERIALS

- A. Paint shall be stored only in approved spaces assigned to the Contractor. This Contractor shall provide a lock and key.
- B. All delivered materials shall have prior written approval of Architect/Engineer, and shall be in original sealed containers bearing the manufacturer's label. All original containers shall be removed from job after the contents have been used. In no case shall they be refilled.

9F.09 PREPARATION OF SURFACES

A. Surfaces to Receive Paint:

1. All drywall and plaster surfaces shall be dry brushed and left clean of all

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accumulated dirt, and foreign substances. All holes, dents, joints, cracks, and irregularities shall be filled with a spackling compound. Spackled areas shall be finished to a hard even surface, ready for painting. Previously painted plaster surfaces shall have all loose paint removed to sound surfaces.

2. Concrete and masonry block surfaces to be painted shall be prepared by removing all dirt, dust, oil, grease, stains and efflorescence. All holes, joints, cracks etc., shall be filled with spackling compound.
3. All wood work required to be painted shall be cleaned and sanded. After the priming coat has been applied, thoroughly fill all nail and screw holes, dents, hollow places, joints, cracks, and irregularities with putty primed with primer material, lightly sand papered smooth.
4. All metal surfaces required to be painted shall have all grease, dirt, rust and scales removed to receive paint. Where surfaces have a coating of scale they shall be brushed to produce a satisfactory surface for painting.
5. Where galvanized work is specified to be painted, it shall be primed with appropriate materials.
6. Always consult paint manufacturer regarding surface preparation (new or existing) prior to painting.

9F.10 APPLICATION OF MATERIALS

A. Paint:

NOTE – No finishes shall be applied at temperature below 50°F.

1. Paint materials shall be free from skims, lumps, or any foreign matter when used.
2. Thinning shall be performed only in accordance with directions of manufacturer.
3. Each coat of paint shall be evenly worked out and allowed to dry before application of subsequent coats. Each coat of paint shall be a different tint from that of the preceding coat. Coverage and method of application shall be in accordance with manufacturer's recommendation.
4. The finished painting shall be of uniform texture and free from defects.
5. Where required or necessary, bare or abraded spots in shop coat shall be touched up by this Section before applying the final coats using the same materials as used in the shop coat, or other approved material.

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6. All top and bottom edges of doors shall be finish painted, in addition to the primer.
7. Wood Flooring
  - a. A wood filler, in conjunction with a penetrating type of seal shall be applied over the entire floor. This shall be done immediately after the final buffing to prevent the grain of the wood from rising.
  - b. The second coat shall be applied after the first coat has dried. The finishing shall be applied as per manufacturer's recommendations. Lightly sand papered between coats.
  - c. After floors are finished, provide rosin sized building paper 36" wide running from door to door and windows.
9. Wood handrails shall be lightly sand papered between coats.
10. Do not paint over any code-required labels, such as Underwriters' Laboratories and Factory Mutual, or any equipment identification, performance rating, name, or nomenclature plates.

9F.11 TOUCHING UP

- A. At the completion of all the work specified, all painting shall be touched up and restored where damaged or defaced and the entire work left free from blemishes.

9F.12 CLEANING AND PROTECTION

- A. Protection
  1. Protect floors and other finished work from damage during the execution of the work under this Section. Dripped or splattered paint shall be removed promptly.

9F.13 SAMPLES AND APPROVALS

- A. Paints
  1. Paint materials shall be submitted to Architect/Engineer, for approval. Applications shall state the name of the manufacturer, the brand or trade name of the paint and the manufacturer's specifications or formula for the material. The maximum amount of thinner which may be added to the delivered material without impairing its value shall be also be specified.
  2. Exact colors, shades and texture of all materials shall be as approved by Architect/Engineer.

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3. After selection of the material or colors, the subcontractor shall paint one complete model apartment for approval by Architect/Engineer, before proceeding with the work. Prior to occupancy, this model apartment shall be repainted, unless otherwise directed by Architect/Engineer.

9F.14 SCAFFOLDING

- A. This Section shall provide all scaffolding, ladders, and other equipment for the proper execution of this work. Conform to all laws, rules, and regulations governing this equipment.

9F.15 LETTERING AND SIGNS

- A. Provide all painted letters and numbers throughout the project under the work of this Section. See Architect drawings for locations and requirements.
- B. At each floor in public halls and stairways, paint numerals designation numbers in two approved contrasting colors, six (6) inches high and placed six (6) feet above the floor in accordance with the requirements of the Multiple Dwelling Law.

9F.16 GUARANTEES

- A. Guarantee all items of work furnished and installed under this Section for (1) one year, in addition to manufacturer's standard warranties. All guarantees to be from the date, when **Final Certificate of Occupancy** is issued from Department of Buildings.

END OF SECTION