

**SECTION 09 90 00
PAINTING**

PART 1.00 - GENERAL

1.01 RELATED DOCUMENTS

- A. The Contractor is referred to the "Instructions to Bidders and General Conditions, NYCHA Contracts", latest edition; the "Special Notice to Contractors"; the "Form of Proposal"; the "Form of Bid Bond"; "Division 01 - General Requirements" of the Contract Specifications"; the "Contract Drawings" and all Amendments and Addenda thereto; all of which govern the Work of this Section.

1.02 SCOPE OF WORK

- A. The Work of this Section includes all labor, materials, equipment and services necessary to complete the painting and related work in renovated apartments and other locations as indicated on the Drawings and/or specified herein including, but not limited to, the following:
- B. Prime and finish coats at all new surfaces and components, including partitions/walls, furring, dropped arches, closet shelving, exposed piping, etc. Prime (as required) and finish coats at existing painted surfaces and components in kitchens as indicated and all bathrooms.
- C. Provide all other labor and materials as may be reasonably inferred to be required to make the Work of this Section complete.

1.03 RELATED WORK SPECIFIED ELSEWHERE

- A. The following Sections/Divisions contain requirements that relate to the Work of this Section:
 - 1. Section 06 10 00 – Carpentry
 - 2. Section 09 21 00 – Lath / Plaster
 - 3. Section 09 25 00 - Gypsum Wallboard System
 - 4. Division 15 – Plumbing

1.04 REQUIREMENTS AND RESTRICTIONS

- A. Work must conform to all requirements of current industry standards.

PART 2.00 - PRODUCTS

2.01 MATERIALS

2.02 PAINT COMPOUNDS PROHIBITED:

- A. Compounds of which the lead content (calculated as Pb) is in excess of 0.5 percent of the total weight of the contained solids (including pigments, film solids and driers).
- B. Compounds of antimony, arsenic, cadmium, mercury, or selenium of which the metal content individually or in total (calculated as Sb, As, Cd, Hg, Se, respectively) is in excess of 0.06 percent by weight of the contained solids (including pigments, film solids and driers).
- C. Compounds of which the water soluble barium (calculated as Ba) is in excess of one (1) percent of the total barium in such coatings.

- 2.03 THE TERM "MATERIALS" AS USED HEREIN SHALL INCLUDE PAINTS, OILS, COLORS, ETC., THAT MAKE UP THE PRODUCTS REQUIRED FOR THE WORK.
- 2.04 MATERIALS SHALL BE HIGH GRADE PRODUCTS OF REPUTABLE MANUFACTURERS, AND WHEN APPROVED BY THE AUTHORITY, SHALL BE DELIVERED TO THE JOB SITE IN THEIR ORIGINAL UNBROKEN CONTAINERS BEARING THE MAKER'S NAME, BRAND AND BATCH NUMBER. SECOND OR OFF-GRADE MATERIALS WILL NOT BE ACCEPTABLE.
- 2.05 COLORS SHALL BE PURE, ALKALINE AND ACID RESISTING NON-FADING AND NON-BLEEDING PIGMENTS, FULL FINELY GROUND IN LINSEED OIL OR OTHER SPECIFIED VEHICLE. COLORS TO BE USED ON PLASTER OR CONCRETE SHALL ALSO BE LIME PROOF.
- 2.06 ALL MATERIALS SHALL BE USED IN ACCORDANCE WITH THE DIRECTIONS OF THEIR MANUFACTURER, SUBJECT TO THE APPROVAL OF THE AUTHORITY.
- 2.07 THE CONTRACTOR SHALL NOT BRING TO THE JOB SITE ANY PAINT CONTAINERS BEARING THE NAME AND BRAND OF ANY MATERIALS THAT HAVE NOT BEEN APPROVED BY THE AUTHORITY.
- 2.08 THE COLORS OF ENAMELS SHALL BE UNAFFECTED BY SULFUR DIOXIDE AND OTHER SULFUR GASES NORMALLY PRESENT IN THE ATMOSPHERE OF THE CITY OF NEW YORK.
- 2.09 ALL PAINTS SHALL MEET THE N.Y.S. VOC REQUIREMENTS AND SHALL BE APPROVED FOR USE IN NEW YORK STATE.
- 2.10 FINISH COAT FOR SPACES DESIGNATED FOR PAINTING SHALL MATCH COLOR OF ADJACENT EXISTING FINISH AS CLOSELY AS POSSIBLE. FINISH COAT FOR CAST IRON VENT STACKS SHALL BE BLACK.
- 2.11 THE PAINT AND PAINT MATERIALS LISTED BELOW ARE IN ACCORDANCE WITH THE REQUIREMENTS OF NYCHA STANDARD SPECIFICATION #14.04P. ALL PAINT USED FOR THE WORK OF THIS CONTRACT SHALL BE FREE OF LEAD. PRIME AND FINISH COATS SHALL BE BY THE SAME MANUFACTURER AND SHALL BE COMPATIBLE WITH EACH OTHER. THE MATERIALS REQUIRED SHALL BE AS FOLLOWS:
1. **PRIMER COATING (PRIMER SEALER) – NYCHA MATERIAL 35**
 1. Soya Alkyd Oil Type 1, Aromatic Less Than 1%, Low VOC Content, Air Drying, Modified with TT-T-295 (A) Certified To Reduce Odor.
 - B. Federal Spec. TT-S-179 MODIFIED TO COMPLY WITH 1/1/2005 NY STATE VOC REGULATIONS
 - C. 2. Enamel, Alkyd, Gloss – NYCHA Material 11
 1. Soya Alkyd Oil Type 1, Aromatic Less Than 1%, Low VOC Content, Air Drying, Modified with TT-T-295 (A) Certified To Reduce Odor.
Federal Spec. CID A-A-2962 MODIFIED TO COMPLY WITH 1/1/2005 NY STATE VOC REGULATIONS
 3. **ENAMEL, ALKYD, SEMI-GLOSS – NYCHA MATERIAL 13**
 - a. Soya Alkyd Oil Type 1, Aromatic Less Than 1%, Low VOC Content, Air Drying, Modified With TT-T-295 (A) Certified To Reduce Odor.
 - 1) Federal Spec. CID A-A-50574 MODIFIED TO COMPLY WITH 1/1/2005 NY STATE VOC REGULATIONS
 4. **OIL-BASE METAL PRIMER**
 - 1) Federal Spec. TT-P-645B MODIFIED TO COMPLY WITH 1/1/2005 NY STATE VOC REGULATIONS

5. OIL-BASE GLOSS ENAMEL

FEDERAL SPEC. TT-P-81E

7.01 SUBJECT TO COMPLIANCE WITH SPECIFIED REQUIREMENTS, PROVIDE "FIRST LINE" OR "TOP QUALITY" PRODUCTS BY ONE OR MORE OF THE FOLLOWING MANUFACTURERS:

A. Benjamin Moore and Co.

2. PPG INDUSTRIES, PITTSBURGH PAINTS INC.

A. Pratt and Lambert

B. 4. The Sherwin-Williams Co.

PART 3.00 - EXECUTION

9.01 PREPARATION

9.02 IN AREAS OF OCCUPIED APARTMENTS DESIGNATED FOR PAINTING, THE AUTHORITY WILL REQUEST THE RESIDENTS TO MOVE ALL DRAPES, WALL HANGINGS, RUGS AND FURNITURE TO CENTER OF ROOMS AND OTHER SPACES. WHERE RESIDENTS ARE UNABLE TO PERFORM THIS WORK, THE CONTRACTOR SHALL MOVE AND REPLACE THE RESIDENT'S FURNISHINGS AT NO EXTRA COST TO THE AUTHORITY AND IN DOING SO, SHALL NOT BE RELIEVED OF DAMAGES SPECIFIED ELSEWHERE IN THIS CONTRACT.

9.03 ALL SURFACES SPECIFIED TO BE PAINTED SHALL BE THOROUGHLY DRY AND CLEANED FREE OF ALL DIRT, GRIT, FOREIGN SUBSTANCES AND MILDEW.

9.04 CRACKS, HOLES, BULGES, RIDGES AND GOUGES IN EXISTING EXPOSED PLASTER AND CONCRETE SURFACES SHALL BE SPACKLED AND SANDED SMOOTH OR PLASTERED BEFORE PAINTING. SPOT PRIME ALL SUCH AREAS, AND ALL WORN AND ABRADED SURFACES BEFORE APPLICATION OF FINISH COAT. ALL LOOSE, PEELING, BLISTERING AND SCALING PAINT ON EXISTING WALLS AND CEILINGS SHALL BE REMOVED BY SCRAPING AND SPACKLED TO A FEATHERED EDGE.

A. INSTALLATION

- 9.05 NEW UNPAINTED GYPSUM/TILE BACKER BOARD, PLASTER, WOOD, METAL AND OTHER SURFACES SHALL BE PRIMED BEFORE APPLICATION OF FINISH COAT.
- 9.06 ALL METAL SURFACES TO BE PAINTED SHALL BE WIRE-BRUSHED, REMOVING ALL ABRASIONS IN THE PRIME COAT, RUST, SCALE AND LIME, AND SHALL BE THOROUGHLY SANDED, CLEANED AND TOUCHED-UP TO MATCH PRIME COAT.
- 9.07 PAINT AND FINISHING MATERIALS SHALL BE FREE FROM SKIN, LUMPS OR ANY FOREIGN MATTER WHEN USED AND SHALL BE KEPT WELL STIRRED WHILE BEING APPLIED.
- 9.08 EACH COAT OF PAINT SHALL BE EVENLY WORKED OUT AND ALLOWED TO DRY BEFORE THE NEXT COAT IS APPLIED. WHERE APPLICABLE, EACH COAT OF PAINT SHALL BE A DIFFERENT TINT FROM THE PRECEDING COAT.
- 9.09 FINISH COAT(S) OF PAINT SHALL BE THE EXACT SHADE(S) AND TEXTURE SELECTED BY THE AUTHORITY.
- 9.10 THE FINISHED WORK SHALL BE FREE FROM RUNS, SAGS AND HOLIDAYS, DEFECTIVE BRUSHING AND CLOGGING OF LINES OR ANGLES.
- 9.11 WHERE REQUIRED OR NECESSARY, BARE OR ABRADED SPOTS IN SHOP COAT SHALL BE TOUCHED-UP BY THE CONTRACTOR BEFORE APPLYING FINAL COATS, USING THE SAME MATERIALS AS USED IN THE SHOP COAT, OR OTHER MATERIAL AS APPROVED BY THE AUTHORITY.
- 9.12 ALL GALVANIZED SURFACES SHALL BE WASHED WITH A SOLUTION OF 10% ACETIC ACID PRIOR TO APPLICATION OF THE SPECIFIED MATERIALS.
- 9.13 ALL FLOORS, FACTORY-FINISHED SURFACES AND OTHER FINISH WORK SHALL BE KEPT CLEAN AND FREE OF PAINT SPLATTERS.
- 9.14 THE CONTRACTOR SHALL PROVIDE EXTRA COATS OF PAINT IN ADDITION TO THOSE SPECIFIED IN THE "PAINT SCHEDULE" AS REQUIRED TO SATISFACTORILY COVER AREAS OF PATCHED PLASTER.
- 9.15 WHERE AREAS INDICATED TO BE PAINTED DIRECTLY ADJOIN SPACES TO REMAIN "AS-IS", NEW WALL PAINTING SHALL BE EXTENDED TO THE NEAREST INTERIOR CORNER.
- 9.16 ALL SURFACES SHALL BE LEFT CLEAN AT THE COMPLETION OH THE WORK

3.03 PAINT SCHEDULE

10.01 APARTMENT SPACES AND RELATED COMPONENTS AS INDICATED SHALL BE PAINTED WITH ONE COAT EACH OF THE FOLLOWING MATERIALS (THE NUMBERS LISTED UNDER THE HEADINGS "1ST COAT / FINISH COAT" REFER TO THE PAINT MATERIALS LISTED IN PARAGRAPH 2.01):

A. SURFACE/ITEM	1st COAT	FINISH COAT
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10.02 NEW GYPSUM/TILE BACKER BOARD AND	1	2	
10.03 PATCHED PLASTER WALLS (KITCHENS/ 10.04 BATHROOMS ONLY).			
10.05 NEW GYPSUM/TILE BACKER BOARD	1	3	
10.06 WALLS (ALL OTHER SPACES).			
10.07 EXISTING PLASTER WALLS (KITCHENS/ 10.08 BATHROOMS ONLY).		2	
10.09 EXISTING PLASTER WALLS (ALL OTHER SPACES 10.10 DESIGNATED FOR PAINTING).			3
5. EXISTING CONCRETE CEILINGS/BEAMS (KITCHENS/BATHROOMS ONLY).		2	
12.01 6. EXISTING CONCRETE CEILINGS/BEAMS (ALL 12.02 OTHER SPACES DESIGNATED FOR PAINTING).			3
12.03 7. NEW HOLLOW METAL DOOR FRAMES.	1		3
12.04 8. EXISTING HOLLOW METAL DOORS/FRAMES			3
12.05 (ALL SPACES DESIGNATED FOR PAINTING).			
12.06 9. EXISTING METAL WINDOW STOOLS/CASINGS			2/3*
12.07 (ALL SPACES DESIGNATED FOR PAINTING			
12.08 10. NEW WOOD CLOSET SHELVING/CLEATS.	1		3
12.09 11. EXISTING WOOD MOUNTING RAILS (BATHROOMS).			2
12.10 12. EXPOSED GAS RISERS/BRANCH PIPING.	1		2/3*
12.11 13. EXISTING STEAM RISERS/RETURNS/RUNOUTS/RADIATORS.			2/3*
12.12 14. NEW ELECTRICAL SWITCHES/RECEPTACLES			2/3*
12.13 (SURFACE-MOUNTED ENCLOSURES/COVER 12.14 PLATES), EXPOSED WIREMOLD, APARTMENT 12.15 PANEL COVER PLATES, ETC. (ALL SPACES 12.16 DESIGNATED FOR PAINTING).			
12.17 NOTES:			
12.18 THE TERM "WALLS" REFERS TO PARTITIONS, CHASE WALLS, FURRING, ETC.			
12.19 SEE KITCHEN PLANS FOR EXTENT OF GLOSS ENAMEL FINISH AT WALLS AND CEILINGS.			
12.20 FINISH COAT (GLOSS OR SEMI-GLOSS) FOR ITEMS MARKED WITH * SHALL MATCH			
12.21 ADJACENT WALL FINISH AS CLOSELY AS POSSIBLE.			
12.22 SHOP COATS AS REQUIRED SHALL BE PROVIDED UNDER OTHER SECTIONS/DIVISIONS.			

END OF SECTION 09 90 00