

- B. Store in single location in accordance with manufacturer's directions. Protect from freezing. Comply with fire regulations.

1.7 JOB CONDITIONS

- A. Environmental Requirements:
 - 1. Do no outside work during damp weather, when temperature is below 50°F., or until surfaces have thoroughly dried from effects of such weather.
 - 2. Maintain proper temperatures and adequate ventilation for inside work.
 - 3. Do no work when dust or insects are present.
- B. Protection: Protect all surfaces and finishes near area being painted.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. When no specific manufacturers of paint, varnishes, enamels, stains, etc. are specified, such materials shall be the product of the following approved manufacturers and shall be their highest grade of each type of material:

Pratt and Lambert	Benjamin Moore
ICI	Martin Senour
Pittsburgh	Sherwin-Williams
California	Porter

- B. Zinc-Rich Primer: Wilbur & Williams "Zinc-Shield," Devoe "Chem-Zinc," "Mobilzinc," Sherwin-Williams "Galvite HS" or approved equal.
- C. Undercoater: Foundation coat for enamel. Pigments and vehicles shall be carefully selected to secure excellent flow and solid hiding, mixed and ground to maximum fineness to absolutely smooth, hard surface, devoid of brush marks, specks, and grit, that needs little or no sanding before applying enamel. Undercoater shall be tinted to match final coat.
- D. Exterior Enamel: "Totrust Metal Coat" as manufactured by Wilbur & Williams, Pratt & Lambert "Effecto," Sherwin-Williams "Aquaclad Waterbased Alkyd Topcoat", or equal.
- E. Alkyd-Eggshell Enamel: Durable alkyd that will withstand frequent washing, resistant to mars, scratches and abrasions, VOC content of not more than 400 g/L.
- F. Shellac:
 - 1. Shellac shall be pure white or orange gum cut in pure denatured alcohol.
 - 2. Orange shellac may be used for painting over knots, sap, and resinous woods, but is not to be used elsewhere.
- G. Thinners:
 - 1. Turpentine shall be used as a thinner in exterior paint only, shall be pure gum spirits of turpentine, and shall conform to the Standard Specifications of the ASTM, D-13, latest edition.
 - 2. Volatile mineral spirits shall be used as a thinner in interior paint, if required, if in accordance with manufacturer's directions. No turpentine shall be used in the interior of the building.

PART 3 - EXECUTION

3.1 PREPARATION OF SURFACES

- A. All spaces shall be broom clean before painting is started and all surfaces to be painted shall be dry.
- B. Temperature of spaces in building where painting is being done, or where it is drying, shall be maintained above 50°F. and in mill for Shop painting at least 65°F. No exterior painting shall be performed below freezing.

- C. Before painting, all dust, dirt, plaster, grease, loose paint and other extraneous matter which would affect the finished work shall be removed. Finish hardware shall be removed prior to painting and replaced when painting is completed. Access doors shall be opened while painting and left open to dry.
- D. Exterior woodwork to be painted shall be cleaned, sanded and dusted.
- E. After priming coat has dried, apply not over two pound cut of shellac to all knots, pitch and sapwood, and putty all nail holes, cracks, open joints and other defects. Putty for natural finished woodwork shall match finish as closely as possible.
- F. Wire-brush rust from existing lintels at Retail areas A and B.

3.2 PROTECTIVE TREATMENT

- A. Exterior trim shall be primed all edges as well as faces.

3.3 FINISH PAINTING

- A. All coats shall be thoroughly dry before the succeeding coat is applied. Allow at least 24 hours between coats, unless special paint is used that requires more or less time for drying.
- B. Painting coats, as specified, are intended to cover surface perfectly; if surfaces are not covered, further coats shall be applied.
- C. All parts of molding and ornaments shall be left clean and true to details.
- D. Finish shall be uniform as to sheen, color and texture.
- E. All coats shall be applied in strict accordance with the manufacturer's directions.
- F. All edges, (including tops and bottoms of doors), shall be finished with same material and coats as surfaces.

3.4 CLEANING UP

- A. In addition to Article on "Cleaning Up" in GENERAL CONDITIONS, upon completion, remove all paint where it has been spilled, splashed or spattered on surfaces, including fixtures, hardware, glass, furniture, fittings, etc.

END OF SECTION 09900