

PAINTING WOOD DOORS

1. MATERIALS REQUIRED

Primer - A high quality oil-based primer, for use on flush, wood panel and French Doors.

Paint - A high quality semi-gloss enamel.

Always follow the paint manufacturer's instructions for the paint preparation and application.

- 3/4" and 1" Black China or Synthetic Bristle Brush

Use a black china bristle for oil-based paint and a synthetic bristle brush for latex paint.

- 220 Grit Sandpaper and Sanding Block and a Tack cloth

2. PREPARATION & APPLICATION

1.) Doors should be allowed to acclimate to the environment where they will be installed. This may take at least two days under average conditions. Avoid finishing immediately after a rain or damp weather and during periods of higher than average humidity. In very dry conditions, the door should be finished right after the wrapping is removed. Ensure adequate air flow around all surfaces of the door when conditioning.

2.) The more care taken in preparing the surface before the paint is applied the better the results. Remove all hardware and fill any nail holes and blemishes with wood filler.

3.) Removed handling marks by sanding lightly with 220 grit sandpaper before applying finish. Sand again lightly between coats. Sanding of pre-primed doors prior to painting is not recommended.

4.) Wipe down with a tack cloth to ensure a dust free finish.

5.) 5A) If the door is already primed, re-priming or undercoating is not recommended. Certain environmental conditions are known to adversely affect the performance of such primers and undercoaters. **5B)** Apply a high quality oil-based primer on all Flush Doors, Wood Panel Doors, French or Louver Doors prior to top-coating. Prime one section at a time. For optimal finish, be sure to read, understand and follow all paint manufacturer application and drying instructions.

6.) For best results, paint in the following order: For Wood or Molded Panel Doors, start with the door panels, then the center stile, then paint the horizontal rails, then the vertical door stiles. It is recommended to finish with the door laying horizontal on a bench or workhorses for best results. Spraying is recommended for uniform results. Remove any excess paint from the corners of the panels or lite grilles by feathering with a dry 1" brush.

7.) When painting stiles and rails, use long strokes to prevent paint from pooling where the horizontal rails and the vertical stiles meet. Paint the four edges last.

8.) Allow the paint to dry thoroughly before applying a second coat.

9.) The entire door must be completely sealed with two coats minimum to restrict moisture absorption. (6 sides)

10.) After finishing is completed, reinstall all hardware.

3. STORAGE AND HANDLING:

1.) Deliver doors to the job-site after the plaster, drywall or concrete is dry. If doors are stored at the job-site longer than a week, top, bottom and side edges must be sealed. Care must be taken to avoid edge or face damage.

2.) Store flat on a level surface in a clean, dry, well ventilated building. Protect from dirt, water and abuse, but allow air circulation. Doors must be sealed with an oil-based sealer or primer if stored for long periods.

3.) Doors should not be subjected to abnormal or sudden variations in heat, dryness or humidity and should not be exposed to direct sunlight.

4.) Doors should be stored at least 10' away from any heat source. Excessive heat on one area of the door creates uneven drying, resulting in warping and checking on the faces.

5.) Doors should be conditioned to the average prevailing humidity before hanging. In below-zero temperatures, doors should be stored properly in a dry building at normal temperatures for at least three days before hanging.

6.) Handle with clean hands or gloves and do not drag doors across one another or across other surfaces.

DOOR HANDING & HARDWARE



U.S. STANDARD FINISHES	DESCRIPTION OF FINISH	BHMA
1B	Bright Black	601
2G	Plain Zinc Plate	603
3	Bright Brass	605
4	Satin Brass	606
5	Satin Brass, Oxidized	609
7	Bright Brass, Nickel Oxidized & Highlighted	610
9	Bright Bronze	611
9A	Bright Bronze, No Lacquer	N/A
10	Satin Bronze	612
10A	Antique Bronze, Lacquered	641
10B	Antique Bronze, Oiled	613
14	Bright Nickel	618

U.S. STANDARD FINISHES	DESCRIPTION OF FINISH	BHMA
14A	Bright Nickel Oxidized & Highlighted	N/A
14B	Black Nickel, Bright	N/A
15	Satin Nickel	619
15A	Satin Nickel, Nickel Oxidized & Highlighted	620
17A	Black Nickel, Dull	621
20	Statuary Bronze, Light	623
20A	Statuary Bronze, Dark	624
26	Bright Chromium Plated	625
26D	Satin Chromium Plated	626
32	Stainless Steel Metal, Bright	629
32D	Stainless Steel, Metal, Satin	630
USP	Prime Coat	600