

HOW TO PAINT

MASONITE® FLUSH DOOR SERIES, MASONITE® MOLDED PANEL SERIES, MASONITE® WOOD PANEL SERIES, MASONITE® FRENCH DOOR SERIES AND LOUVER DOORS

IMPORTANT

*Please read and understand the entire procedure before attempting to finish your doors.
Be sure to follow the manufacturers' warnings on product labels.*

Field finishing of wood doors can be accomplished by several methods, using a variety of materials. First, assemble all the materials needed for your door finishing project. You will need drop cloths, paper towels, wood filler, scraper, putty knives, sandpaper, sanding block, tack cloths, stir sticks and good quality pure bristle brushes or applicators.

Your work area should be clean, dust free (avoid carpeted areas unless you cover the entire carpet with plastic), well ventilated and out of direct sunlight.

HOW TO START

When selecting tools for the job, remember that higher quality tools yield higher quality results. Black china and/or synthetic bristle brushes work best.

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.

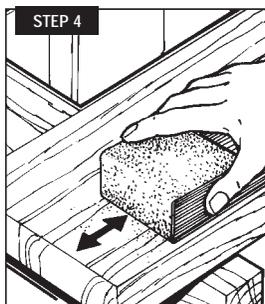
- 3"-4" Black China or Synthetic Bristle Brush
- 1" Black China or Synthetic Bristle Brush

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

- 220 Grit Sandpaper and Sanding Block
- Tack cloth

3) 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. If you are finishing a French door that has muntin bars (wood grille), it is not necessary to mask the glass lites, since each one is protected with a plastic film.

4) Remove handling marks by sanding lightly with 220 grit sandpaper before applying finish. Surface should be clean and dry, free of all dirt, grease, glue stains and machine marks. Sand again lightly between coats. Sanding of pre-primed doors prior to painting is not recommended.



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

6) 6A) Masonite® Molded Panel Series doors are already primed; and therefore, re-priming or undercoating is not recommended. Certain environmental conditions are known to adversely affect the performance of such primers and undercoaters.

6B) Apply a high quality oil-based primer on all Masonite® Flush Doors, Wood Panel Doors, French or Louver Doors prior to top-coating. Prime one section at a time, following the diagram in step 7. For the optimal finish, be sure to read understand and follow all paint manufacturer application and drying instructions.

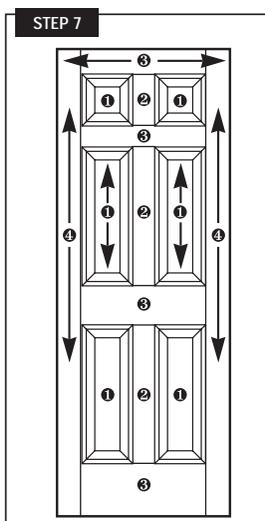
7) For best results, paint in the following order.

For **Wood or Molded Panel Doors**, start with the door panels ①, then the center stile ②, then paint the horizontal rails ③, then the vertical door stiles ④.

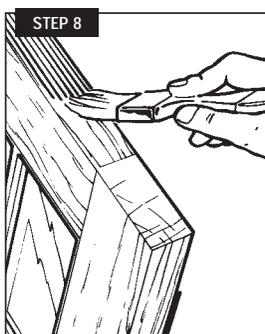
For a **French Door**, start with the grille and then proceed to the horizontal rails and vertical stiles.

For a **Wood Louver Door**, start with the louvers and then proceed to the outside stiles. We recommend finishing 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.



8) 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 (top, bottom, left and right).

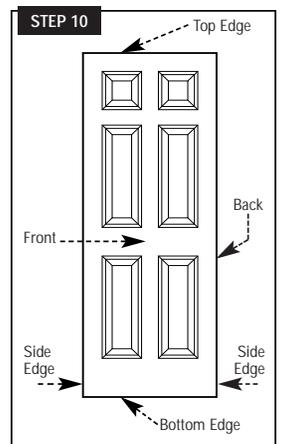


2) PREPARATION & APPLICATION:

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.

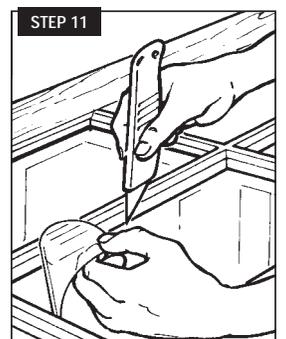
9) Allow the paint to dry thoroughly before applying a second coat. Consult the paint manufacturer's directions for drying times.

10) The entire door (all 6 sides) must be completely sealed with two coats minimum to restrict moisture absorption and maintain the Masonite warranty.



11) After finishing is completed, reinstall all hardware.

For **French Doors** with wood muntin bars, use a sharp blade or utility knife to cut away the protective plastic film leaving clean edges around the lites.



Storage and Handling:

- 1) Deliver doors to the building site after the plaster, drywall or concrete is dry. If doors are stored at the job-site for more than one 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 which results 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.



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Masonite Helpline 1-800-663-Door (3667)
9:00 am - 9:00 pm Monday - Saturday
10:00 am - 4:00 pm Sunday, EST
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