

PDCA Craftmanship Forum

Interior Residential Painting

**COP Title/Code: IRP102A - Painting 6 Panel Door - Waterborne Enamel
DRAFT (7/15/05)**

Standards:

- i. Production Rate** - 20 to 30 minutes per side (15 minutes for jamb and trim).
- ii. Appearance** - The door should have no paint or paint residue on the hardware or surrounding areas that should not be painted, no runs, sags, buildup in corners, edges or grooves, heavy or ropey brush marks, drag marks, overlaps or holidays. It should have an even sheen across the entire surface, brush marks should be minimized and layed off neatly and straight with the brush strokes going with the grain of each individual piece of wood. All cut lines should be sharp at any adjacent surface not to be painted.

Safety: Safety glasses; have msds sheets available upon request; follow company ladder policy (if applicable); refer to COP regarding Surface Protection

Material Requirements: Clean workpot; additives as needed; rags; 2-3" synthetic brush; screwdriver to remove hardware; 5 in 1; duster brush and/or tack rag

Equipment Requirements: 2 step ladder (if applicable); surface protection as needed (tape, dropcloth)

Tips and Tricks:

1	When using tack rags, open them up completely and let them sit for 15 minutes to allow the excess wax to dry off.
2	Use a foam roller to speed up the application of the material and then use a good brush to lay off the finish so that the brush strokes go in the direction of the grain of each piece of wood on the door.
3	Use a bent handle brush or foam on back of sanding sponge for pad to apply the paint to the bottom edge of the door.
4	Use a mirror to check if the bottoms and tops have been done.
5	Use a sanding sponge, putty knife or other wedge to prop door open.
6	Think of each piece of wood as it's own section, to be painted in the direction of the wood grain --- catch drips, runs and sags "in process" before the material sets up to avoid dragging.

Procedure		
#	Steps	Completed Properly
	See Exhibit IRP102A	
1	Check to see that the door is properly primed, sanded, dusted and that all hardware has been removed or properly protected.	
2	Paint top and bottom edges (if uncoated).	
3	Prop door open and make sure the door is not in danger of being opened by someone and make sure the surrounding surfaces are protected from paint spatter.	
4	Paint hinge or latch edge (whichever edge is revealed when the door is open).	
5	Paint panel #1 - at each panel, paint the moldings or borders first applying material liberally, in order to get the material on the panel quickly to avoid lapping, then apply the material to the flat panel surface. Next, tip off the flat portion of the panel first in the direction of the grain, and then the moldings and borders, always in the direction of the grain, wipe off any excess material from stiles and rails using a clean rag.	
6	Paint panel #2 - following the application and tip off procedures outlined above, wipe off excess from rails and stiles.	
7	Paint panel #3	
8	Paint panel #4	
9	Paint panel #5	
10	Paint panel #6	
11	Paint stile #7	
12	Paint rail #8	
13	Paint stile #9	
14	Paint rail #10	
15	Paint stile #11	
16	Paint rail #12	
17	Paint rail #13	
18	Paint stile #14 and then finally paint stile #15	
19	Check door for runs, sags and other imperfections.	
20	When door is dry to touch, replace hardware and remove any tape.	

Quality Checklist:

1	No paint on hardware	
2	No runs, sags, buildup in corners or edges	
3	No holidays	
4	No drag marks or overlaps	
5	Even sheen and coverage	
6	Is coverage adequate?	

**Painting 6 Panel Door - Waterborne Enamel
Exhibit IRP-102A**

