

How to Stain

FIBERGLASS ENTRY SYSTEMS



MASONITE

Open to extraordinary.

IMPORTANT

Please read all instructions thoroughly before beginning. This is a guideline for painting and finishing exterior and interior doors. Masonite cannot evaluate all available paints, stains, or application requirements. Consult a paint professional or a local paint department/store for coatings best suited to the project. Select top quality finishes and follow all manufacturers' instructions. Failure to finish the door slab as instructed may result in the denial of warranty claims for operational or performance problems.

1 HOW TO START

Doors can be stained either hanging in the opening or removed from the frame (recommended). Should you remove the door, take care to protect it from damage. Sidelites will need to be finished vertically. To remove the door from the frame, use a pin punch and hammer. Strike the hinge pin from the bottom until it pops up (for outswing units - hinge leaf must be removed from the door). Drive the hinge pin as far as possible with the punch. Using a pair of pliers, grasp the hinge pin and, while twisting, pull the pin out. Remove all door hardware.

Store flat on a level surface in a clean, dry, and well ventilated building. Protect from dirt, water and abuse. Allow air circulation. Handle the door wearing proper personal protective equipment (PPE) to avoid any fingerprints / oil marks / etc. and do not drag doors across one another or across surfaces to avoid scratches hard to repair.

2 PREPARING THE DOOR SURFACE

IMPORTANT: Dust, debris and other surface contaminants can accumulate on the surface of the door. Therefore, to achieve best results and maximum coating adhesion, wipe/clean all surfaces of the door panel(s) and sidelite(s) thoroughly with mineral spirits or acetone. Make sure enough time is provided for the solvent to evaporate before proceeding to the next step.

Mask (tape) off all surfaces that will not be stained. Make sure to clean the edges, recesses and corners as much as possible. This will help to remove the residual contaminants which directly helps to get a better finish with no defects in the future.

3 STAINING THE DOOR

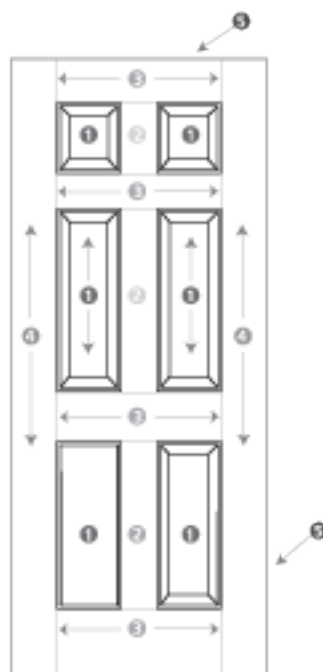
Before starting, and occasionally throughout the project, stir the stain until the texture is creamy. We recommend that before starting, you try staining a small, inconspicuous area of the door to achieve the desired color. (Follow Manufacturer's Instructions)

One coat of stain is required with the recommended (per manufacturer's instructions) dry time needed between sides. The stain should be applied in the following order working on one small section of the door at a time.



FINISHING ORDER:

- 1 Panels and sticking (moulding profiles)
- 2 Vertical center areas (mullions)
- 3 Horizontal areas (rails)
- 4 Outside vertical areas (stiles)
- 5 Edge of door or stiles



OPTIMAL CONDITIONS

Find a well-lit staining location that is dust-free, well ventilated and within the climate conditions recommended by the stain/top-coat manufacturer.

High humidity or a dry environment can drastically affect the drying of stain and top-coat which may alter the time for drying and application between/after the coats (follow manufacturers recommendation).

MATERIALS NEEDED

COATINGS & ACCESSORIES:

- ▶ Mineral spirits or acetone
- ▶ Lint-free rags or cheese cloth (recommended)
- ▶ 2" wide foam brush
- ▶ Paper Towels
- ▶ 220 grit sandpaper and sanding block
- ▶ Scotch-bright for scuff sanding
- ▶ Safety razor blades
- ▶ One pair of rubber gloves
- ▶ Stir sticks
- ▶ Masking tape
- ▶ Stain
 - High-quality, opaque (non-transparent), heavily pigmented, oil-based stain (recommended)
 - Gel stains can also be used
 - Semi-transparent stains are not recommended
- ▶ High-quality, exterior grade, uv stabilized polyurethane sealant (satin or low gloss)
- ▶ 2-1/2" wide china bristle brush

TOOLS

- ▶ Hammer
- ▶ Pin punch
- ▶ Safety glasses
- ▶ Phillips screwdriver
- ▶ Pliers

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