

Fiberglass Door Finishing Instructions



We are pleased that you have selected our fiberglass Polaris Ultra Entry Door. You have chosen the door system that offers the broadest range of finishing options of any fiberglass door made today. All Polaris doors can be easily painted or stained. These directions give you the recommendations for painting and staining.

If you choose to paint one side and stain the other, we recommend that you begin by painting first.

BEFORE YOU PAINT OR STAIN

Remove Frame-Work

Pre-hung doors should be removed from their frame work. Your door uses a two-piece hinge connected by a hinge pin. Using a center punch and hammer, strike the hinge pins from the underneath side until they pop up on the top side. Drive them up as far as you can with the punch.

Using a pair of pliers, grasp the top of the hinge pin. While twisting the pin clockwise and counterclockwise, pull the hinge pin out.

Repeat this process for all three hinges, four hinges on 8'0" product.

Remove Hardware

All hardware from the door should be removed before you paint or stain. Simply remove screw fasteners and detach.

Prepare Work Area

Find a well-lit spot that is dust-free with a comfortable temperature. The area should be large enough to get around in easily.

Place at least two sawhorses or a solid table, near waist height, to work on.

Set Up Door

Install two wood screws into each end of door. Pre-drill if needed. Hang door flat between saw horses resting on screw heads. This would allow both sides to dry.

Clean Door Surface

Examine the door for possible smudges or finger marks made from normal handling. Dry wipe dust from doors gently. Wipe the door with mineral spirits to clean any dust or residue from the surface. Allow all mineral spirits to dry from the surface before applying stain.

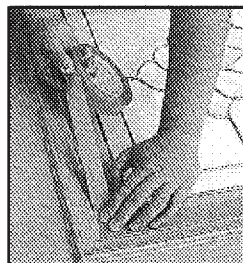
Let the door dry completely. Normally, this will take around twenty minutes but it can vary depending on temperature and humidity.

DO NOT SAND FIBERGLASS.

Cover Areas Not To Be Stained or Painted

Using masking tape, cover any area not to be stained or painted. (Such as windows)

NOTE: Mask edges of door if one side of the door will be stained and the other side painted.



How To Paint a Fiberglass Door

Materials Needed

- Lint-free cloth
- Mineral Spirits
- Rubber gloves
- Masking tape
- 4" bristle brush
- For acrylic based application:
Acrylic-based primer/acrylic latex-based exterior grade paint.
- For oil-based application: Alkyd-based primer/oil-based exterior grade paint

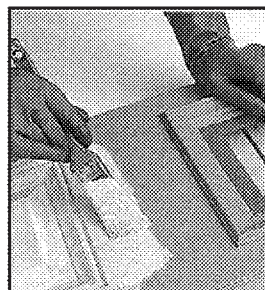


1 Surface Preparation

Follow previously indicated steps to Clean Door Surface.

2 Painting

- Apply exterior grade paint with 4" brush (in the direction of the graining if a grained door).
- It is common practice to paint both stiles the same color as the exterior side of the door. If applying a second coat, follow the manufacturer's directions for drying time between coats.



How To Stain a Textured Fiberglass Door

Materials Needed

- Lint-free cloth
- Mineral Spirits
- Rubber gloves
- Masking tape
- 2" bristle brush
- Gel Stain, such as ZAR™ Stain, Wood Kote®, Jel'd Stain, Minwax® Gel Stain, etc.

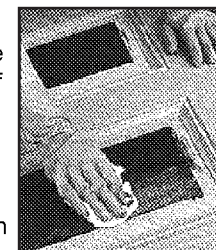


1 Surface Preparation

Follow previously indicated steps to Clean Door Surface.

2 Stain Application - First Coat

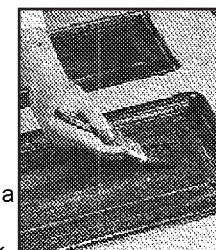
- Stain one panel at a time. Starting with the center panel, apply a thin, even amount of stain with a lint-free cloth. Using a light circular motion, work the stain into the embossed grain.
- Then, with a CLEAN RAG remove all excess finish. Using long strokes, move in the direction of the grain. Work quickly.
- If lap marks appear, immediately apply more stain to dissolve them, working the area to an even color. This coat primarily leaves the stain in the grain pattern.



3 Stain Application - Second Coat

Allow the door to dry for at least 24 hrs. between coats.

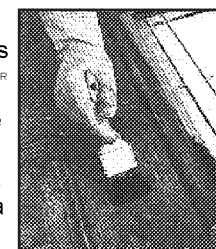
- Work on one section of the door at a time.
- Using a soft lint-free cloth, apply a liberal coat of stain.
- Working quickly while the stain is wet, use a clean and dry 2" bristle brush to remove the excess stain and create a uniform look.
- Make long, quick brush strokes in the direction of the grain.
- Using a cloth, be sure to remove any excess stain as it accumulates on the brush.
- If only the exterior face of the door is to be stained, stain the hinged edge of the door. If both sides of the doors are to be stained, stain both edges.



4 Protective Top Coat

Apply polyurethane top coat with UV inhibitors like as ZAR™ Exterior polyurethane, Wood Kote® Flagship UV, Minwax® Fast Drying Polyurethane for exterior applications, etc.

- After stain has completely dried (24 hours), mix top coat well and apply evenly using a clean dry 2" bristle brush to work topcoat into corners.
- Apply two or three coats of finish, allowing at least 24 hours of drying time between each application.



Normal Maintenance

Even a well finished fiberglass door will be affected by exposure and weathering from sun, moisture, and air pollutants. It is considered normal maintenance to re-apply the topcoat approximately every two years.

CAUTION

- When applying stain or topcoat, make sure the working area is well ventilated.
- Keep away from heat and flame as the stain and topcoat are combustible.
- The stain and topcoat may cause skin and eye irritation. Avoid contact with skin and eyes.
- Keep out of reach of children.

FIRST AID

- If swallowed, wipe out mouth and give 1 - 2 glasses of water. Call physician or poison center immediately.
- In case of eye contact, immediately flush eyes with water at least 15 minutes. Get medical attention if irritation develops and persists.
- For skin contact, wash thoroughly with mild soap and water. Get medical attention if irritation develops and persists.
- If affected by inhalation, immediately move to fresh air. If symptoms persist, call physician.

NOTE

When using stains, mineral spirits, paints, or other hazardous materials, always read and follow the manufacturer's instructions. Always ensure that the work area is well ventilated, clear of obstructions, and away from sources of heat, open flame, or sparks. Polaris Technologies makes no representations as to the proper use of other manufacturer's products.

Made in America
Polaris Windows and Doors
500 Victoria Rd • Austintown, OH 44515
800-783-2179
www.polariswindows.com



Ultra Entry Door



Paint & Stain
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