

Supplementary Instruction Sheet

WOOD KOTE PRODUCTS INC

Staining & Top-coating a Fiberglass Door

Objective:

The following information is provided to help the first-time applicator achieve the appearance of wood on an exterior fiberglass door.

Materials Required:

Wood Kote Jel'd Stain 550 32-fl oz (946ml)
Wood Kote Flagship UV aerosol 12-oz (340gm)
Wood Kote Flagship UV liquid 32-fl oz (946ml)
Wood Kote PolySolvent mineral spirits or paint thinner
Clean soft lint-free cloths
2" dry bristle brush
2" or 2-1/2" high quality varnish brush
2 Sawhorses

Process:

1. **IMPORTANT:** The door must be removed from the hinges, placed horizontally on sawhorses and all hardware removed from the door. Place protective cloths between the sawhorses and door to prevent scratching. **DO NOT** attempt to apply the finish while the door is on the hinges or in a vertical position.
2. If the door has been **PREVIOUSLY FINISHED**, all of the old finish must be removed preferably with a citrus-based chemical stripper that will not damage the gel coat of the fiberglass.
3. Use a clean cloth and mineral spirits to wipe the door clean. Be certain the surface is free of any wax, oil, dust or any previous finish.
4. If only the exterior face of the door is to be stained, mask off the door latch edge. Only the hinged edge should be stained. Typically, staining the top and bottom edges is unnecessary.
5. Select the desired color of Jel'd Stain 550 and sheen of Flagship UV (gloss, satin or matte).
6. Stain one door panel at a time. Using the corner of a folded cloth obtain a small amount of Jel'd Stain 550 from the can. Apply the stain evenly over the panel using first a circular motion and then wiping any excess away from top to bottom of the panel.
7. Before starting the next panel, use a dry brush to remove any excess stain that has built up in the corners and then feather the stain to appear that it is running in the direction of the "grain."
8. Repeat the above steps on the remaining panels.
9. Stain the inside stiles by applying Jel'd Stain 550 in a circular motion, wiping the excess in the direction of the "grain" and if necessary feathering with a dry brush.
10. Repeat the process on the rails.
11. Stain the outside stiles using the same procedure as above.
12. Last, stain the door edges.
13. Allow the Jel'd Stain 550 to dry at least 4 hours. Allow to dry overnight if the door is to be turned over and stained on both sides.

(Continued)

Process (continued):

14. When the Jel'd Stain 550 is sufficiently dry, apply an even coat of Flagship UV aerosol. Hold the can 12" to 16" from the surface and apply with long, consistent strokes. Be certain to apply Flagship UV to the top, bottom and edges of the door.
15. If both sides of the door are stained, wait approximately 8 hours for the Flagship UV to dry, turn the door over and repeat.
16. After the aerosol coat of Flagship UV is dry, apply at least two coats of Flagship UV liquid using a high quality varnish brush and allowing at least 8 hours to dry between coats.
17. Use PolySolvent or mineral spirits to clean the brush after each use.

Staining & Top-coating Wood Surrounding Door

The color and tone of Jel'd Stain 550 will be different on different species of wood. It is therefore likely that the appearance on wood will be different than on fiberglass. If the surrounding doorjamb and frame are to be stained and top-coated the following steps should be taken:

1. Test Jel'd Stain 550 on an inconspicuous area to determine if the color match with the door is acceptable.
2. If so, apply Jel'd Stain 550 with a cloth then Flagship UV as per separate instructions.
3. If the color match is not acceptable, use Trans Kote Stainable Primer.
4. Thin the Trans Kote with an equal amount of LaqThin or if VOC regulations require, with AceThin. Brush the thinned Trans Kote on evenly on all the wood surfaces to be stained. The Trans Kote should be applied in a manner that it is semi-transparent in appearance. The wood should be an even beige color but the grain of the wood should be seen through the primer.
5. Allow Trans Kote to dry at least 30 minutes.
6. Apply Jel'd Stain 550 with a cloth as if it were fiberglass. Wipe excess off in the direction of the grain and before the Jel'd Stain 550 begins to dry use a dry brush to give the stain a grain-effect in the direction of the grain.
7. Top-coat with at least 3 coats of Flagship UV.

Maintenance & Repair:

1. PLEASE NOTE: No coating will last indefinitely. The ultra-violet (UV) inhibitors that are added to Flagship UV resist the depreciative effects of sunlight. These inhibitors, however, lose their potency over time. They can be replaced by adding an additional coat annually. In cases of extreme exposure to sunlight, re-coating may be required every 6 months.
2. Re-coating on a regular scheduled basis will prolong the life of the coating substantially. Re-coats **MUST BE APPLIED BEFORE ANY DETERIORATION IS VISIBLE**. If the topcoat has begun to chip or peel, it is too late to re-coat and the entire finish, stain and topcoat must be removed and reapplied.

Visit our web site at <http://www.woodkote.com> for additional product information and application tips.