

Thermal Fused Door Care and Maintenance

Cleaning

Thermal Fused NEER VENEER® is fused into the door substrate using very high temperatures and pressure. This ensures that the NEER VENEER® adheres permanently to the substrate and will not crack or delaminate like HPL and similar products sometimes do. Thermal Fused doors are exceptionally durable and scratch-resistant.

Thermal Fused doors are easy to clean. Wipe surfaces using a non-abrasive household cleaning agent. Tung Oil will remove fine scratches and give the door a deep rich glow. Follow the manufacturer's directions when using Tung Oil.

Carefully select your wiping cloths. Choose a cloth which is lint-free. Clean, soft cloths made of cotton and cotton flannels are preferred. Avoid synthetic materials, like polyester and rayon which tend to be abrasive.

Adjustment and Maintenance

Insure that all doors swing freely and do not bind in their frame. Adjust the finish hardware for proper alignment, smooth operation and proper latching without unnecessary force or excessive clearance.

Review with the owner/owner's representative how to periodically inspect all doors for wear, damage and natural deterioration.

Review with the owner/owner's representative how to periodically inspect and adjust all hardware to insure that it continues to function as it was originally intended.

Thermal Fused Door Face Scratch Repair Procedure

The Maiman Company Thermal Fused Standard Flush Doors are highly scratch resistant, even more so than High Pressure Laminate. However, they are not *impossible* to scratch. Following are guidelines that will allow limited on-site repair of our Thermal Fused Flush Door faces:

There are 2 types of scratches...

- 1) Superficial scratches in the resin finish of the door
And
- 2) Serious scratches that completely penetrate through the resin finish and mar the decorative laminate paper.

1) SUPERFICIAL MARS OR SCRATCHES IN THE RESIN FINISH

The quickest repair for this type of scratch is wiping/buffing the scratch with a soft cloth and furniture polish. If the use of furniture polish does not remove the scratch to your satisfaction, the use of Gemini® Master Magic touch up markers may help re-color the resin and hide the scratch. Some colors do not lend themselves to this technique, and in those cases, you will need to use an Exacto knife to remove resin and expose the substrate. Simply trace the scratch using the Exacto knife with enough pressure to cut into the substrate. By doing this you have created an actual scratch and can be repaired as described in the next section.

2) GOUGES AND SCRATCHES IN THE LAMINATE PAPER

These repairs take a little additional time and effort to satisfactorily repair. The preferred laminate repair materials are colored wax sticks and finish putty from Gemini® Masters Magic (available at www.gemini-coatings.com or 800-548-6583). You may want to purchase a plastic putty knife (to avoid further scratching the door) from your local hobby or art store. After using either of these materials, you may wish to dust with satin spray lacquer to match surrounding sheen, but for most colors and patterns, it will not be necessary. You can even use colored “Sharpie” type markers to hide some scratches and to help add grain lines back into the pattern.

ALWAYS CHECK A SMALL AREA FIRST, TO ENSURE COLOR
COMPATIBILITY OF THESE PRODUCTS.

Thermal Fused Door Undercutting Procedure

All Thermal Fused doors are shipped from the factory with your choice of NEER VENEER® faces, black or commercial matched impact resistant polymer edgebanding, pre-machining, pre-fit and bevel. All non-rated and 20-minute door edges including top and bottom are factory-sealed, saving time and expense on the job site. No field finishing is required on Thermal Fused doors, unless a paintable face has been chosen.

In the rare event that field fitting is required, the following steps must be followed:

1. Fitting should be done on the bottom of the door only. **Consult the factory for replacement impact resistant polymer edgebanding before fitting**
2. Mask the cut line with heavy masking tape.
3. Score the cut line with a razor blade to prevent chipping.
4. Cut slowly using a sharp carbide-tipped plywood blade; a temporary fence applied to the surface of the door is helpful in maintaining a straight line.
5. Edgebanding should be reapplied using contact cement. The recommended type is 3M Hi-Strength 90 Spray Adhesive. Follow the instructions of the adhesive manufacturer to obtain the best results.
6. Trim the edgebanding flush with the face and edge of the door using a carbide flush trim router bit.