Composite Overlay Faux Wood Door
Supplemental Installation Instructions

(for Use with the Insulated Steel Residential Garage Door Instruction Manual)

This is a supplement to the Insulated Steel Residential Garage Door Instructions (referred to as the MANUAL). It covers information unique to Composite Overlay Faux Wood doors. For all other information and warnings concerning your Composite Overlay Faux Wood garage door, see the MANUAL. Read the information in both manuals before beginning installation.

These instructions will cover the following areas where Composite Overlay Faux Wood door installation differs from standard insulated steel door installation:

1. Finishing
2. Section Stacking
3. Strut Replacement
4. Operator Reinforcement and Attachment
5. Window Glass and Grille Removal
6. Lift Handle Installation
7. Flag Bracket
8. Warranty Information

Finishing

Your door has been factory pre-finished, unless the door is purchased No-Finish. No-Finish doors must be finished prior to installation according to the appearance (color) of your door’s finish or perform periodic maintenance and re-finishing by following the instructions below.

Step 1: Brush the lighter base coat of exterior grade latex paint completely into the composite texture for full coverage. Allow to dry overnight.

Step 2: Brush the darker base coat gel latex paint into the door thoroughly, however, BEFORE THE GEL STAIN DRIES, using a cloth rag, wipe off a little or a lot of the stain (depending on your preference) to reveal areas of the base coat and use paint brush to even out coat. Allow to dry overnight.

Step 3: Apply a layer of exterior-grade UV resistant, clear protective topcoat. Minwax® Clear Shield™ or Minwax® Helmsman® Spar Urethane would meet this requirement. Allow to dry overnight.

We will repair or replace (at our option) any garage door section or hardware that is defective in material or workmanship pursuant to the terms of this limited warranty. This warranty extends to and benefits only the original purchaser of the garage door. This warranty does not apply to commercial, industrial or any other non-residential installation.

We will provide, at no cost to you, section/section components, hardware springs/spring components or windows to repair or replace defective sections, hardware, springs/spring components or windows. All labor costs associated with the removal and reinstallation of any repaired section/section components, hardware or springs/spring components and the installation of replacement sections/section components, hardware, springs/spring components or windows is your responsibility. We reserve the right to inspect and/or verify any claimed defect.

The applicable limited warranty periods are as follows:

- **Model #:**
  - MWL21/22/23: 10 yrs.
  - GLN201/21: 5 yrs.
  - CRMJ/JQML/JWML2: 3 yrs.

Terms and limitations of the limited warranty are further detailed below:

### Finishing System

- **Insulated Windows:**
  - Hardware/Version:
    - Springs/Cladding & Overlay Delamination:
      - 5 yrs.
    - Overlay Wood Repair:
      - 5 yrs.
      - 3 yrs.

### Composite Wood Repair:

Should your door’s composite wood overlay or cladding become damaged, fill any gaps or voids in the composite surface with a paintable wood putty or urethane caulk. Let dry before painting.

Since all paints are not created equal, the following test needs to be performed: paint should be applied on a small area of the door (following Step 2 on previous page at least twice), allowed to dry, and evaluated prior to painting the entire door. Paint defects to look for are blistering and peeling. An additional test is to apply a strip of masking tape over the painted area and peel back, checking to see that the paint adheres to the door and not to the tape. After satisfactorily testing paint, follow the directions on the container and apply to the door. Be sure to allow adequate drying time before you wish to apply a second coat.

### Paint

- **For Use with Insulated Wood Products:**
  - **Insulated Doors:**
    - Insulated Windows – 10 Year Limited Warranty

- **Hardware/Spring & Spring Component/Sections/Components Limited Warranty**

We will repair or replace (at our option) any garage door hardware, section/section components, spring and/or spring component that is defective in material or workmanship for the term defined in the chart above, pursuant to the terms of this limited warranty. In addition, we will repair or replace (at our option) any garage door section/section component that is defective in material or workmanship, including, but not limited to, delamination of the composite cladding and overlay from the steel skin and/or delamination of the overlay from the steel. This warranty is limited to excessive discoloration under the terms of the warranty.

- **Insulated Windows – 10 Year Limited Warranty**

Gel Stain

To bring out light and dark highlights of the composite texture, there are two coats needed (two different colors), 1) a lighter base coat of exterior-grade latex paint and, 2) a darker top coat of gel stain. Follow the manufacturer’s instructions for surface preparation and stain application.

**Step 1:** Brush the lighter base coat of exterior-grade latex paint completely into the composite texture for full coverage. Allow to dry overnight.

**Step 2:** Brush the darker base coat gel latex paint into the door thoroughly, however, BEFORE THE GEL STAIN DRIES, using a cloth rag, wipe off a little or a lot of the stain (depending on your preference) to reveal areas of the base coat and use paint brush to even out coat. Allow to dry overnight.

**Step 3:** Apply a layer of exterior-grade UV resistant, clear protective topcoat. Minwax® Clear Shield™ or Minwax® Helmsman® Spar Urethane would meet this requirement. Allow to dry.

**Finishing your door with a top coat of Gel Stain**

USING THE FINISHING SYSTEM, FOLLOW THE INSTRUCTIONS PROVIDED IN THE MANUAL TO APPLY THE FINISHING SYSTEM.

This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

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Stacking of Door Sections

Since Composite Overlay Faux Wood doors are custom assembled one door at a time, it is important that matching sections stay together and that the sections are stacked in the correct order. The door sections are labeled on the inside upper left hand corner of the section (See Figure 1). All sections for each door should have the same four digit identification number, and sections should be stacked in sequence, with #01 being the bottom section, the next section is #02, etc. Place the sections in this order until all sections are installed. Also there is an Alignment Label across section joints. To ensure proper alignment of the door, this label must line up between joining sections.

Window Grille Removal

The decorative window grilles on your door can be removed for cleaning or painting purposes. The grille is held in place with plastic clips located at the bottom of the vertical grille sticks and the ends of the horizontal grille sticks. To remove grille squeeze the clips and slide them towards the center of the window (Fig. 1). Rotate bottom of grille out from the door and remove from top notches. Reverse the process to re-install grilles.

Materials required:
- (2) sheet metal screws

Installing Lift Handles

Step 1: Center the horizontal ornamental lift handle horizontally on the outside of the bottom door section. Using the handle as a template, mark the holes to be drilled. The holes must be located exactly 2" from the bottom of the section (See Fig. 6).

Step 2: Drill two ¼" holes straight through the door at the marks.

Step 3: From the outside, enlarge the two ¼" holes using a 3/8" drill, being careful not to drill through the inside skin of the door. Remove any excess foam from the 3/8" holes.

Step 4: Insert the 3/8" diameter spacer(s) into each hole from the outside of the door.

Caution: Failure to install spacers may result in damage to the door.

Step 5: Attach the black ornamental handle (outside) and the steel horizontal roll grip handle (inside) to the door using two ¼" black painted hex head bolts, and two ¼" hex nuts (See Fig. 7).

Step 6: Take the two vertical ornamental handles and position on the bottom handle. The holes on each vertical handle must lie between 20" and 30" vertically from the bottom horizontal handle. No hole may be closer than 2" to the top or bottom of the section (See Fig. 8).

Step 7: Drill four ¼" holes straight through the door at the marks.

Step 8: From the outside, enlarge the four ¼" holes using a 3/8" drill, being careful not to drill through the inside skin of the door. Remove any excess foam from the 3/8" holes.

Step 9: Insert a 3/8" diameter spacer into each hole from the outside of the door. Caution: Failure to install spacers may result in damage to the door.

Step 10: Attach each vertical ornamental handle (outside) and one steel horizontal roll grip handle (inside) to the door using two ¼" black painted hex head bolts, and two ¼" hex nuts. Use a set of hex head bolts and hex nuts to fasten the vertical handles to the door through the remaining holes. The inside handle may be matched with either set of holes so long as it is no closer than 4" to the top or bottom of the section (See Fig. 8).

Reinforcing the Top Section for Opener Attachment

To avoid damage to your door, you must reinforce the top section of the door in order to provide a mounting point for the opener to be attached. Failure to reinforce the door as illustrated will void your Warranty.

Attachment of Operator Reinforcement Bracket to Door: Figures 2 through 4 show the installation of the operator reinforcement bracket. Each illustration corresponds to a specific door width. At locations where the bracket is attached to the hinges, the hinge screws must be removed, the bracket installed, and the hinge screws then replaced.

For opener arm attachment instructions refer to the MANUAL.

Strut Requirements

The table below shows the strut requirements for Composite Overlay Faux Wood doors.

<table>
<thead>
<tr>
<th>Width</th>
<th>Struts Required</th>
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<tbody>
<tr>
<td>9' 2&quot; to 10' 2&quot;</td>
<td>(1) 2-1/4&quot; strut per door</td>
</tr>
<tr>
<td>10' 4&quot; to 10' 10&quot;</td>
<td>(1) 3&quot; strut per door</td>
</tr>
</tbody>
</table>

Note: Window Lite section on double car doors may be packaged with two struts attached. Remove strut from bottom of window section and place on top of section #3.

Flag Bracket

Because of the overall door thickness of most Composite Overlay Faux Wood models, a commercial style flag bracket is used to splice the vertical and horizontal tracks together. An illustration of this bracket is shown in Fig. 9.