1. Remove colored #9 x 7/8” screws installed by factory and replace with two #9 x 3" screws enclosed through outer holes of each hinge in side jamb. For brass hinges, use brass colored #9 x 3" screws. For white hinges, use white #9 x 3" screws. The other nickel and bronze color as the same way. (See Fig. 16)

2. Remove colored #9 x 7/8” screws in Top/Bottom Bolt Receiver Swing-in and replace with the same colored #9 x 3" screws for Swing-in Double French Door only. (See Fig. 17)

3. CHECK CLEARANCE AND SWING

Unlock doors first inserting flat blade screwdriver into upper hole of door panel to turn dead bolt button vertically, then insert temporary handle set into lower hole and turn down to open door. (See Fig. 19)

4. SEALING THE INSTALLATION

Apply caulking on the top joints of the nailing fin. (See Fig. 20)

5. CLEANING INSTRUCTION

Vinyl exterior part of the unit may be cleaned with mild detergent and water. Do not use any solvent, acids, or abrasives on the vinyl exterior. To clean the glass, use a soft clean grit-free cloth and mild detergent. Keep weep holes clean and clear of obstructions.

6. SEATING THE INSTALLATION

Replace with and fasten the Hook Bolt Receiver and Latch Receiver using #9 x 3" screws. (See Fig. 18)

7. Check all sealing below sill to ensure weather-tight. (See Fig. 21)

Fiberglass Hinged Patio Doors
- Outswing

FIG.21

Lap vertical strips of self-sealing adhesive membrane (4" wide) onto the jambs’ nailing fin and over the exterior sheathing. Install another layer of adhesive membrane lapping onto head jamb nailing fin and exterior sheathing. (See Fig. 21)

Add insulation to air space between opening and unit. Caulk around entire perimeter of unit on “weather” side; seal brickmould to siding or facing, seal front bottom edge of sill, seal all joints between jamb and mouldings.

Flat Blade Screwdriver

Door Panel

 FIG.20

CoaKing

Nailing Fin

Door Panel Frame

FIG.19

FIG.18

Sink Routing

Ladle Routing

Sill Board

Top/Bottom Bolt Receiver

#9 x 3" Flathead Screw

Sill

Head Jamb

Shim Block

Top/Bottom Bolt Receiver

#9 x 3" Flathead Screw

Side Jamb

FIG.17

FIG.16

Swing-in

Swing-in

Swing-in

Swing-in

Swing-in
Installation and Finishing Instructions

1. ROUGH OPENING INSPECTION

Check rough opening for plumb and square by measuring diagonal. Check sill for level and smooth. Clean away all debris before setting door assembly. (See Fig.1)

IMPORTANT: If it is not, correct as necessary. (See Fig.1)

Material required to prepare:

- #10x3" installation screws
- Interior trim and / or jamb extensions (15 to 40 ft)
- Silicone Sealant
- 4" wide water resistance adhesive membrane
- 2" galvanized roofing nails (1/4 lb.)

2. INSTALLING UNIT

Tools Required:

- 13/32" & 1/8" Drill Bits
- Screwdrivers
- Scissors or utility knife
- Stapler
- Hammer
- 6' Level
- Tape measure
- Flat Blade Screwdriver to lock dead bolt. (See Fig.2)

Carefully ensure the active door panel is locked before installation.

Standard lock set

Multi-point lock set

Outswing

Hinged Patio Doors

To install:

- Use flat blade screwdriver to lock dead bolt. (See Fig.3)
- First insert temporary handle set into lower hole and lift handle to ing fin along the pre-punched holes. (See Fig.4)
- Move door frame into rough opening, and center it. Temporarily shim the jambs 4" down from top and up from sill. Place additional shims every 18", 19", 22" around jambs. (See Fig.8, Fig.9, and Fig.10). Shim at keeper location. If installation pilot holes are drilled use 1/8" bit to drill through jambs and studs at shim locations. Drill pilot holes through jambs. (See Fig.11) If unit is not pre-drilled pilot holes, use #10x3" flat head screw to secure the unit through the pre-drilled holes. (See Fig.12)

3. EASIER UNIT

- Insert handle spindle. (See Fig.13)

Assemble handle spindle. (See Fig.13)

4. INSTALL HARDWARE

- Interior trim handle set. (See Fig.14)

Install point handle set. (See Fig.15)

- Bottom View During Assembly

Bushing

Gasket

Spindle

Lock Actuator

Interior Active Escutcheon Plate

Exterior Active Escutcheon Plate

Exterior Floor

Sheathing

Exterior

Interior

Door Panel

Nailing Fin

Active Jamb

Shim

Screw

Plug

Installation Screw (Shim)

FIG.1

FIG.2

FIG.3

FIG.4

FIG.5

FIG.6

FIG.7

FIG.8 6'8"  FIG.8

6'11"  FIG.9

8'0"  FIG.10

FIG.12

FIG.13

FIG.14

FIG.15