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› SARTODOORS Quadro 4522 Double Swing Interior French Doors User Manual

SARTODOORS 4522

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Model: 4522 | Dimensions: 72x96 inches | Color: Black Matte

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SARTODOORS Quadro 4522 Double Swing Interior French Doors. Please read all instructions carefully before beginning installation to ensure proper function and safety.



Figure 1: SARTODOORS Quadro 4522 Double Swing Interior French Doors (closed view).

2. SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE) including safety glasses and gloves during installation.
- Ensure the work area is well-lit and clear of obstructions.
- Doors are heavy. Use proper lifting techniques or seek assistance to prevent injury.

- Verify all measurements and clearances before cutting or permanent installation.
- Keep children and pets away from the installation area.
- Use only the provided hardware or manufacturer-approved replacements.

3. PACKAGE CONTENTS

The SARTODOORS Quadro 4522 Double Swing Interior French Doors package includes the following components:

- 2 Pre-finished Door Slabs
- L-shape Trims (3 inches width)
- Door Frame (suitable for wall thickness up to 5 1/2 inches)
- Non-mortise Hinges
- Passage Modern Levers (Satin Nickel finish)

Note: The door is not pre-drilled for hardware and not pre-attached to the frame. Assembly of frames and trims is required.



4. SETUP AND INSTALLATION

Follow these steps for proper installation of your double swing French doors.

4.1 Rough Opening Calculation

The minimal rough opening required for installation can be calculated as follows:

- **Rough Opening Width:** Door width + 2 inches
- **Rough Opening Height:** Door height + 1.25 inches

For a 72x96 inch door, the minimal rough opening would be approximately 74 inches wide by 97.25 inches high.



Figure 2: Door dimensions and recommended rough opening.

4.2 Frame Assembly

The door frame components (jambs and header) must be assembled before installation into the rough opening.

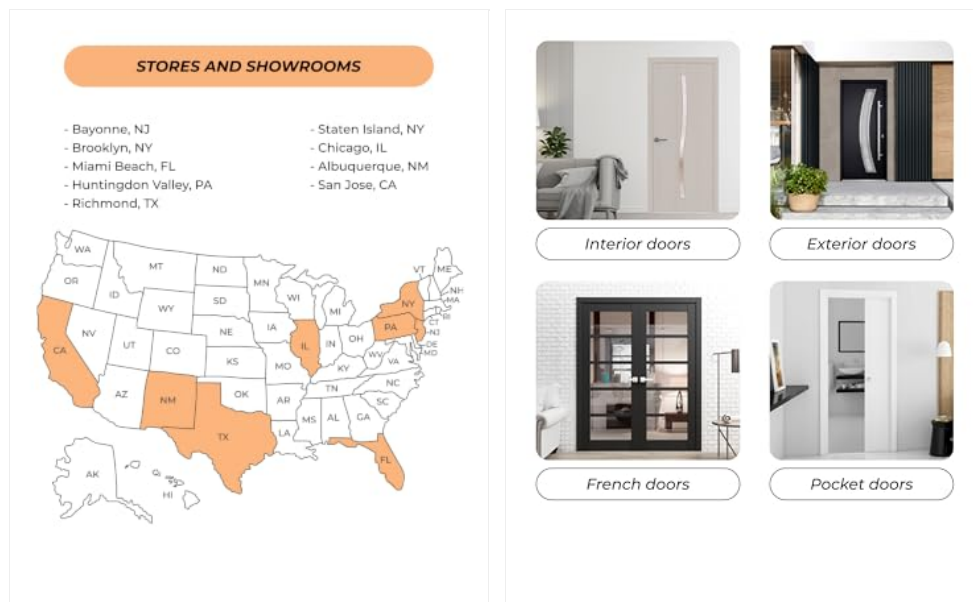


Figure 3: Frame components (left) and initial assembly (right).

1. Identify the vertical jambs (a) and the horizontal header (b).
2. Connect the header (b) to the top of the two jambs (a) to form a U-shaped frame. Ensure connections are secure.
3. Use appropriate fasteners (not explicitly listed but implied by installation images) to secure the frame components.

4.3 Door Hanging and Hardware Installation

Once the frame is assembled and installed into the rough opening, proceed with hanging the door slabs and installing hardware.



Figure 4: Attaching door slab to the frame.

1. Position the assembled frame within the rough opening, ensuring it is plumb and level. Secure it using shims and fasteners (not provided, but standard for door installation).
2. Attach the non-mortise hinges to the door slabs and the frame. Non-mortise hinges do not require routing out a recess in the door or frame.
3. Carefully lift and attach each door slab to the installed hinges on the frame.
4. Install the passage modern levers. The door is not pre-drilled for hardware, allowing for flexibility in handle placement. A cut for the handle can typically be made within 5 minutes using appropriate tools.
5. Install the L-shape trims around the frame to finish the installation.



Figure 5: Example of a non-mortise hinge.

4.4 Door Trimming (Optional)

The door slabs can be trimmed if necessary to fit specific opening requirements. Each door slab can be trimmed by up to 0.75 inches (3/4") from the top, bottom, left side, and right side.

- **Maximum Trim per edge:** 0.75 inches (3/4")
- Use appropriate woodworking tools for precise and clean cuts.
- Ensure cuts are straight and level to maintain door integrity and appearance.

5. OPERATION

The SARTODOORS Quadro 4522 features a double swing design, allowing both door slabs to open inwards or outwards depending on installation. The passage levers provide easy access without locking functionality.

- To open the door, depress the lever handle and push or pull the door slab.
- To close the door, gently push the door slab until it meets the frame.
- The door works with all swing directions, offering flexibility in use.

6. MAINTENANCE

Regular maintenance will ensure the longevity and appearance of your SARTODOORS French doors.

- **Cleaning the Door Slabs:** Use a soft, damp cloth with a mild, non-abrasive cleaner. Avoid harsh chemicals or abrasive materials that could damage the eco-veneer finish.
- **Cleaning the Glass Panels:** Use standard glass cleaner and a lint-free cloth. Spray cleaner onto the cloth, not directly onto the glass, to prevent drips onto the door finish.
- **Hardware:** Periodically check hinges and handles for tightness. Tighten screws as needed. Lubricate hinges if they begin to squeak.
- **Sealing Gum:** Inspect the sealing gum (if installed) for any damage or wear. This helps protect against dust and contributes to sound attenuation and heat retention.
- **Environmental Conditions:** Avoid prolonged exposure to excessive moisture or extreme temperature fluctuations, which can affect wood and MDF products.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Door does not close properly or rubs against the frame.	Frame is not plumb or level; hinges are loose or misaligned; door slab is warped.	Check frame for plumb and level, adjust shims as necessary. Tighten hinge screws. If door is warped, contact manufacturer.
Handles are loose or difficult to operate.	Mounting screws are loose; internal mechanism is obstructed or damaged.	Tighten all visible screws on the handle assembly. Inspect for obstructions. If damaged, consider replacement.
Hinges squeak.	Lack of lubrication; dust or debris.	Apply a small amount of silicone-based lubricant to the hinge pins. Clean any visible debris.
Glass panels appear loose.	Retaining beads or sealant are compromised.	Inspect the glass retaining system. If necessary, re-secure retaining beads or reapply sealant.

8. SPECIFICATIONS

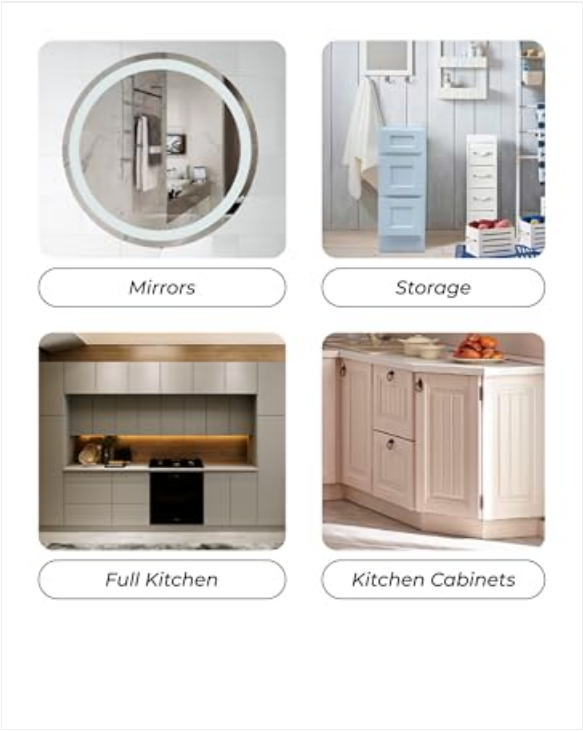


Figure 6: Door cutaway view and component details.

Feature	Detail
Model	Quadro 4522
Dimensions (Overall)	72 inches (Width) x 96 inches (Height) x 1.6 inches (Thickness)
Material	Solid MDF core with laminated wood (Ciplex technology), Eco-veneer RENOLIT finish, Glass panels
Color	Black Matte
Glass Type	Clear Glass, 5 lites per door slab
Door Slab Thickness	1 9/16 inches (approximately 40mm)
Frame Compatibility	For wall thickness up to 5 1/2 inches
Hardware Included	Non-mortise hinges, Passage modern levers (Satin Nickel)
Assembly Required	Yes (frame and hardware)
Sound Attenuation	Approximately 30% noise reduction over standard doors due to 40mm solid MDF construction.
Formaldehyde Content	No formaldehyde (uses safest materials)
Item Weight	135 Pounds

9. WARRANTY INFORMATION

Specific warranty details for SARTODOORS products are typically provided at the point of purchase or can be obtained directly from the manufacturer. Please retain your proof of purchase for any warranty claims. For detailed warranty terms and conditions, please contact SARTODOORS customer support.

10. SUPPORT

For technical assistance, missing parts, or any questions regarding your SARTODOORS Quadro 4522 Double Swing Interior French Doors, please contact SARTODOORS customer service. Refer to the contact information provided with your purchase or visit the official SARTODOORS website for support resources.

Manufacturer: SARTODOORS

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