



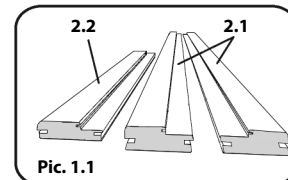
INSTALLATION MANUAL

"French doors"

www.sartodoors.com

TOOLS REQUIRED:

- Tapeline
- Knife
- Drill
- Screwdriver
- Compound miter saw or handsaw
- Adhesive ("liquid nails" or PVA in the bottle with a narrow nozzle)

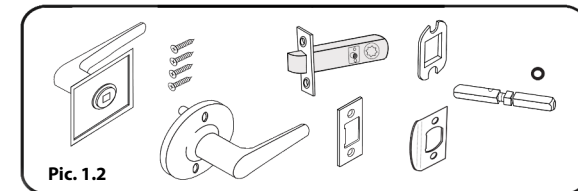


Pic. 1.1

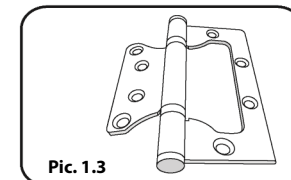
Step 1

Check the completeness of the product before installation.

1. Door leaf – 2 pcs
2. Doorframe set (Pic. 1.1):
 - 2.1. Jamb – 2 pcs
 - 2.2. Head – 1 pcs
3. Door latch with a handles and strike plate – 1 set (Pic. 1.2)
4. Door hinge – 2 pcs (Pic. 1.3)
5. Casing set for two door sides:
 - 5.1. Side casing – 4 pcs
 - 5.2. Head casing – 2 pcs
6. Weather strip (seal)



Pic. 1.2



Pic. 1.3

Step 2

Cut the jambs up to the length "L" (Pic. 2).

$$L = H + 7\frac{7}{8}'' + Y$$

H – Door leaf height

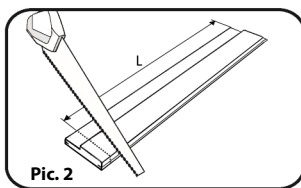
Y – Gap between the door leaf and the floor

If needed, cut the head up to the length "S" at an angle 45°

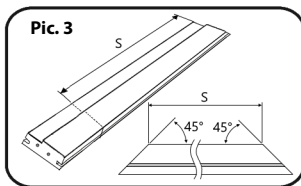
(parallel to the original head edge (Pic. 3)).

W	24"	28"	30"	32"	36"	42"
S	48 - 1/2"	56 - 1/2"	60 - 1/2"	64 - 1/2"	72 - 1/2"	84 - 1/2"

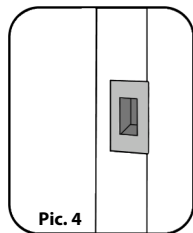
W – Door leaf width



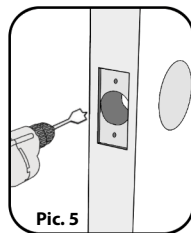
Pic. 2



Pic. 3



Pic. 4



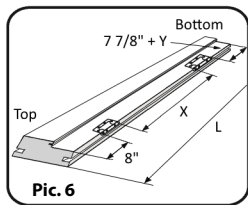
Pic. 5

Step 3

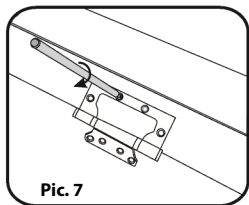
Drill and mill seats for the latch on the active door leaf (Pic. 5) and the strike plate on the inactive door leaf (Pic. 4) according to the installation instruction.

Step 4 (Pic. 4)

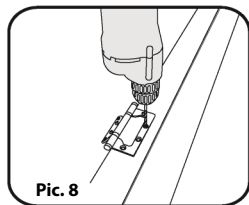
Mark the hinges (4) fastening holes on the hinge jambs (Pic. 6, Pic. 7). The top hinge should be located 8" from the jamb chamfer (measure to the top of the hinge barrel). The bottom hinge should be located $7\frac{7}{8}'' + Y$ from the bottom edge of the jambs. Drill the holes in accordance with the marking (Pic. 8).



Pic. 6



Pic. 7

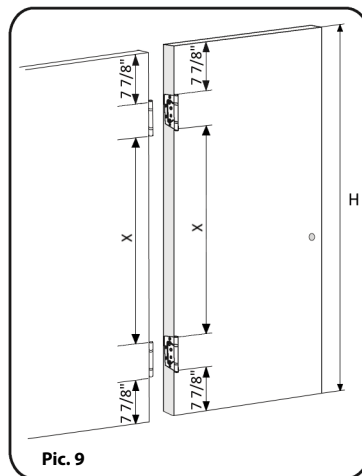


Pic. 8

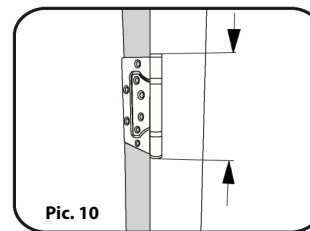
Step 5 (Pic. 7)

Mark the hinges (4) fastening holes on the door leaf (1) (Pic. 11). The top hinge should be located $7\frac{7}{8}''$ from the top of the door leaf (measure to the top of the hinge barrel) (Pic. 10). The bottom hinge should be located $7\frac{7}{8}''$ from the bottom of the door leaf (measure to the bottom of the hinge barrel) (Pic. 10).

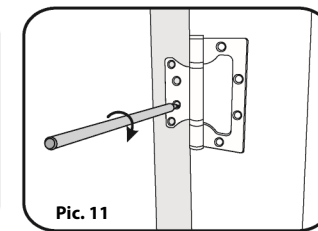
Make sure that the distance "X" between the top hinges and the bottom ones at the jambs are equal to the same distance to the door leaves (Pic. 6, Pic. 9). Drill the holes in accordance with the marking (Pic. 12). Screw the hinges to the door leaves (Pic. 13).



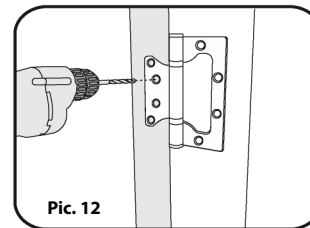
Pic. 9



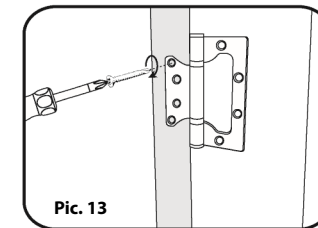
Pic. 10



Pic. 11



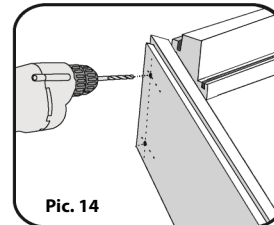
Pic. 12



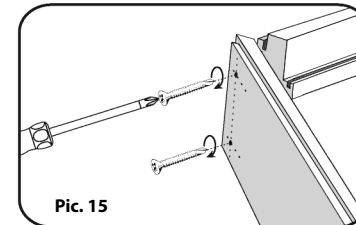
Pic. 13

Step 6

Pre-drill the holes before screwing (Pic. 14). Screw together the head and the jambs (Pic. 15). You should use at least two self-tapping screws on each side.



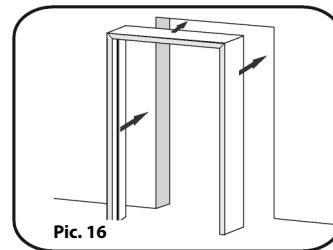
Pic. 14



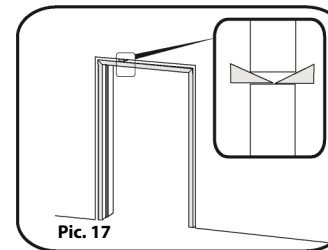
Pic. 15

Step 7

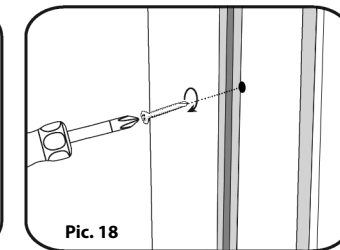
Insert assembled doorframe (2) into the opening (Pic. 16) and fasten it to the wall with at least three screws at each side (top, middle and bottom). In order to prevent the frame deflection, the gasket must be installed between the doorframe and the wall (wedges) (Pic. 17). The doorframe shall be fixed in the wall opening with the self-tapping screws in the places to be covered by the weather strip (seal) (Pic. 18).



Pic. 16



Pic. 17



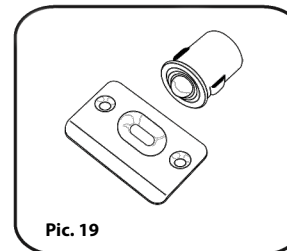
Pic. 18

Step 8 (optional)

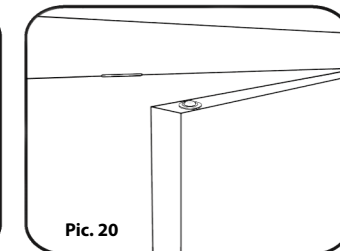
Install the ball catch (Pic. 19) on the inactive door leaf (Pic. 20) top edge and the strike plate on the head (2.2) bottom edge.



Ball catch isn't included in the scope of supply and should be bought separately.

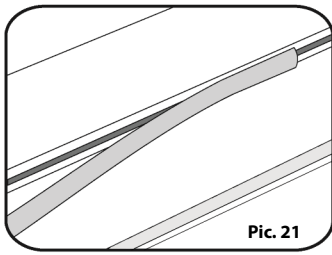


Pic. 19

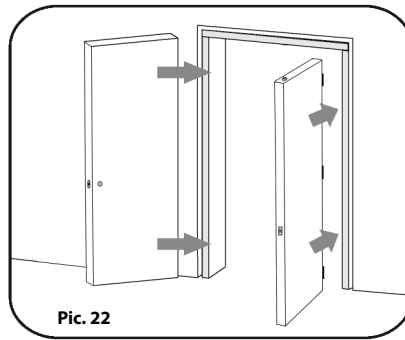


Pic. 20

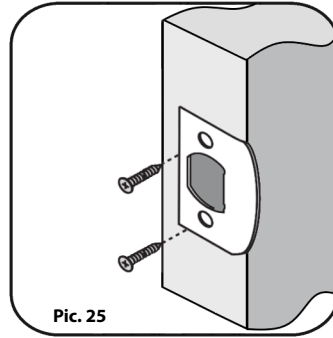
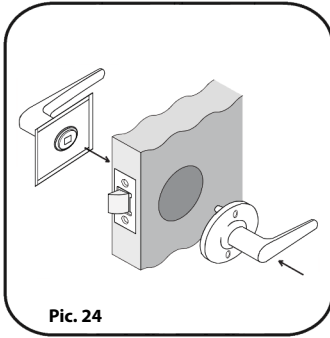
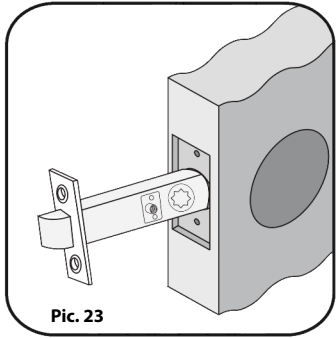
Step 9 (Pic. 16)
Insert the weather strip (seal) (6) into the doorframe grooves (2).



Step 10 (Pic. 17)
Insert the door leaves (1) into the doorframe and fix the hinges with the screws in the pre-marked places (see the step 4).



Step 11
Install the door latch and the handles (3) on the active door leaf (Pic. 23, Pic. 24) and the strike plate on the inactive door leaf (Pic. 25) according to installation instructions.



Step 12
Cut off the side casings (5.1) to ensure that they are higher than the doorframe on 9/16" (Pic. 26).
Remove the lateral leg in order to fit the side casing (Pic. 27).
Apply the adhesive on the inner side of the casings leg (Pic. 28) and insert the side casings into the grooves of the doorframe (Pic. 29).

Measure the distance between the side casings (Pic. 30).

Cut off the head casings (5.2) of required length.
Apply the adhesive on the inner side of the casing leg (Pic. 28) and insert the top casing into the groove of the doorframe.

