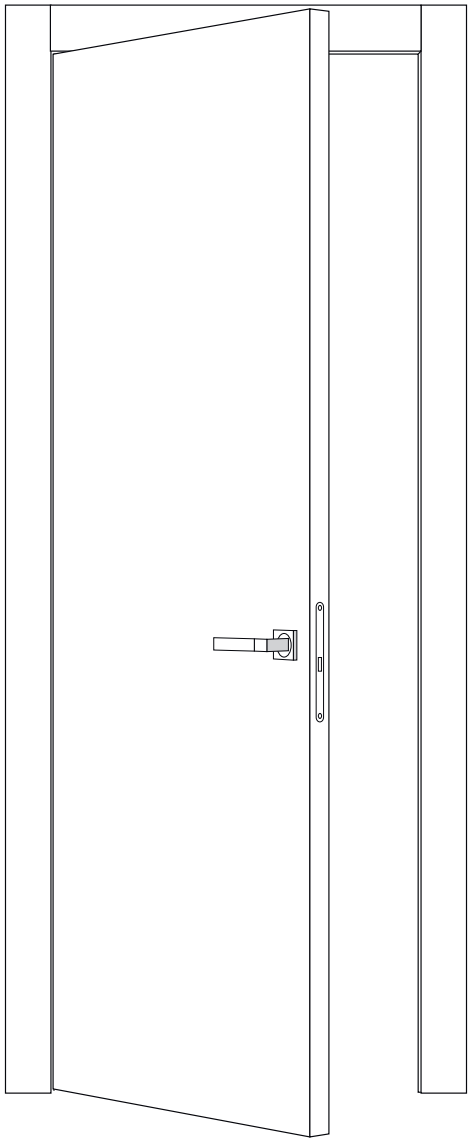
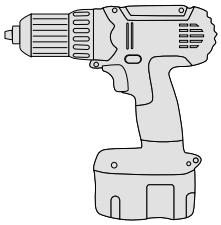


Single Swing Door

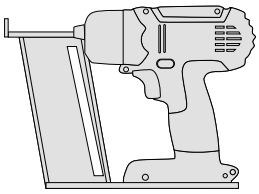
ALMES DOORS

Tools:

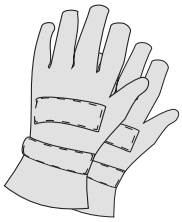
Pull Saw



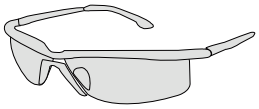
Power Drill



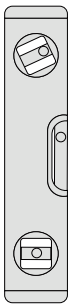
Finishing Nailer ONLY



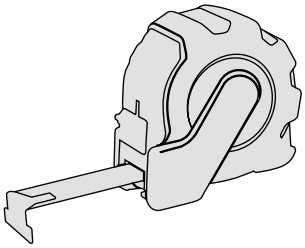
Work Gloves



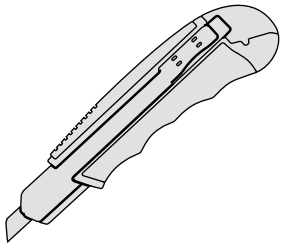
Safety Glasses



Level

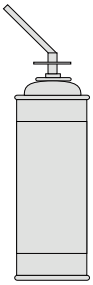


Tape Measurement

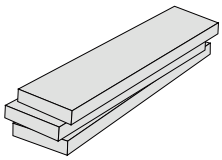


Box Cutter

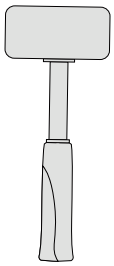
Liquid Nails



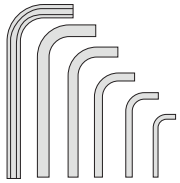
Polyulitane Foam



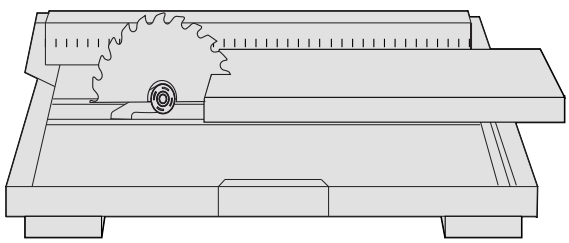
Wedges



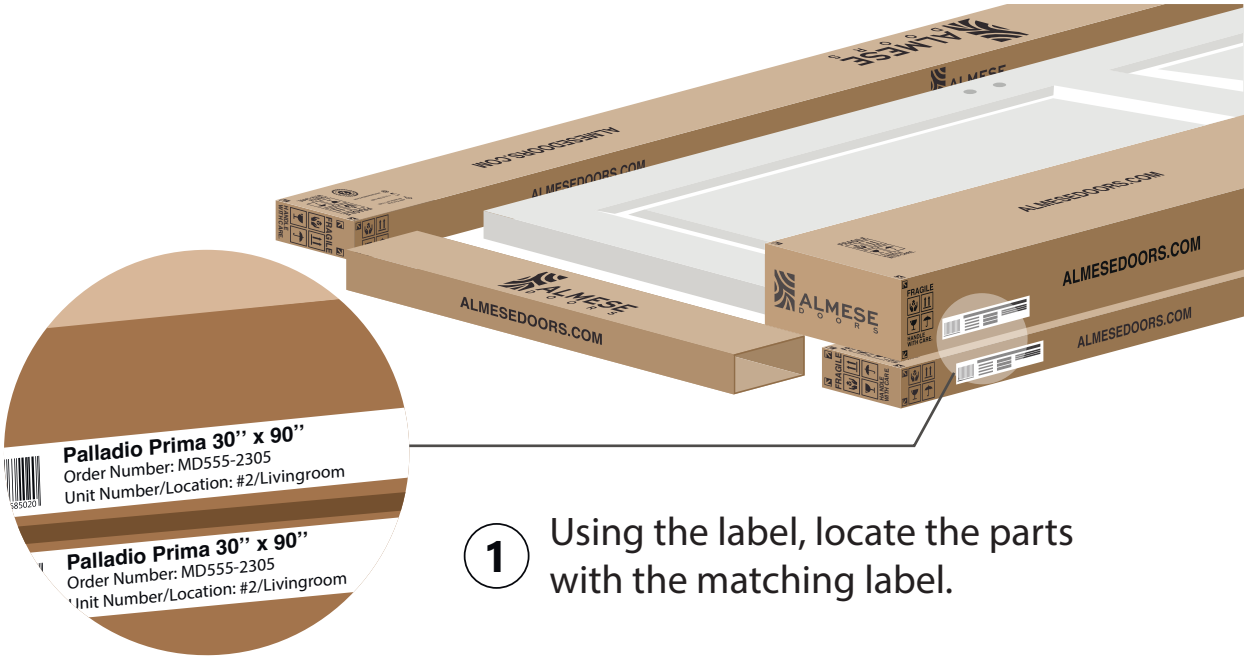
Rubber Hammer



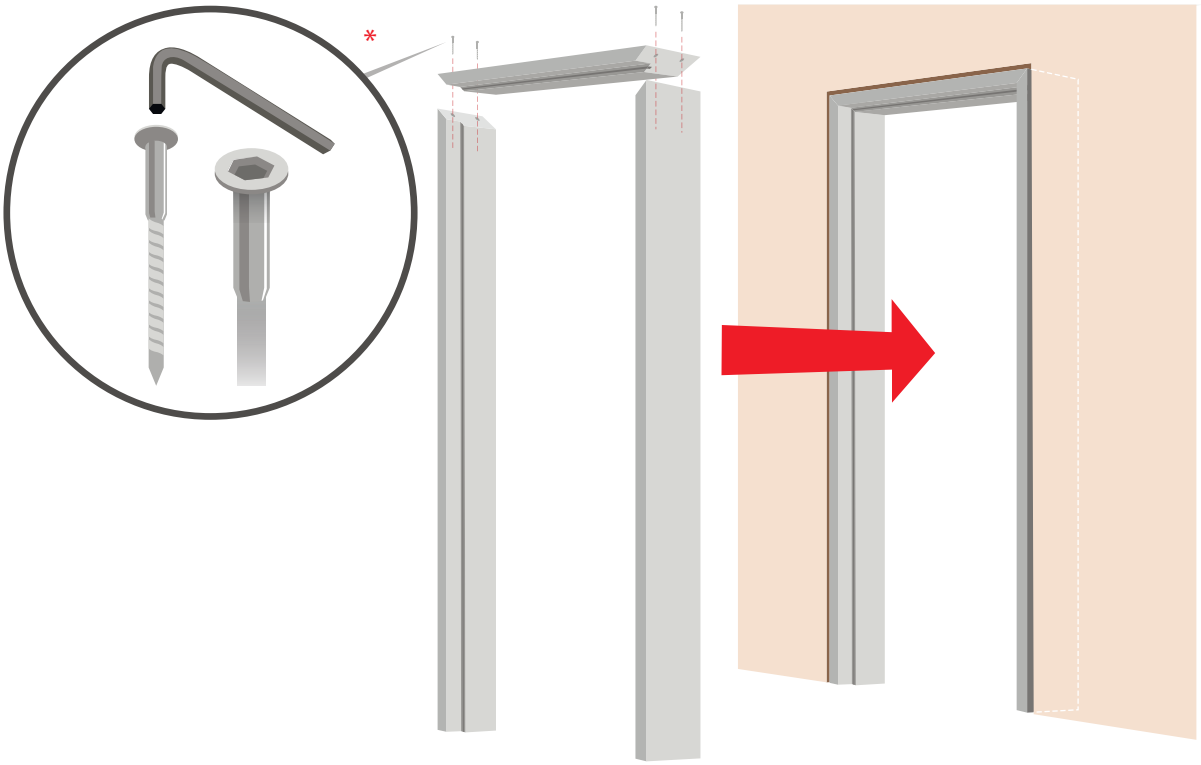
Hex Keys



Worksite Table Saw

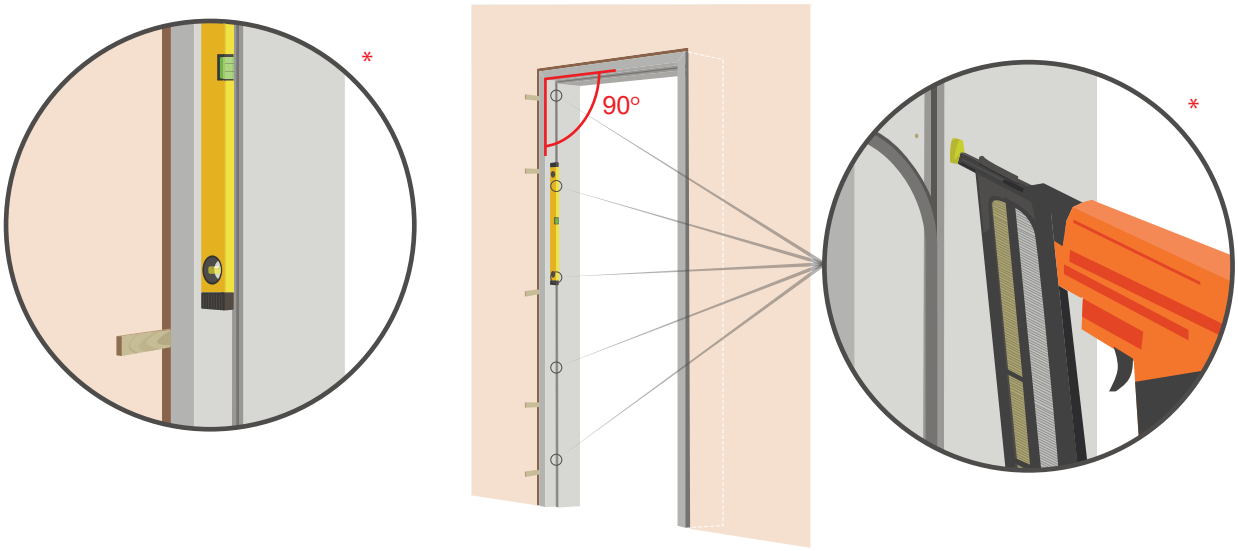


1 Using the label, locate the parts with the matching label.

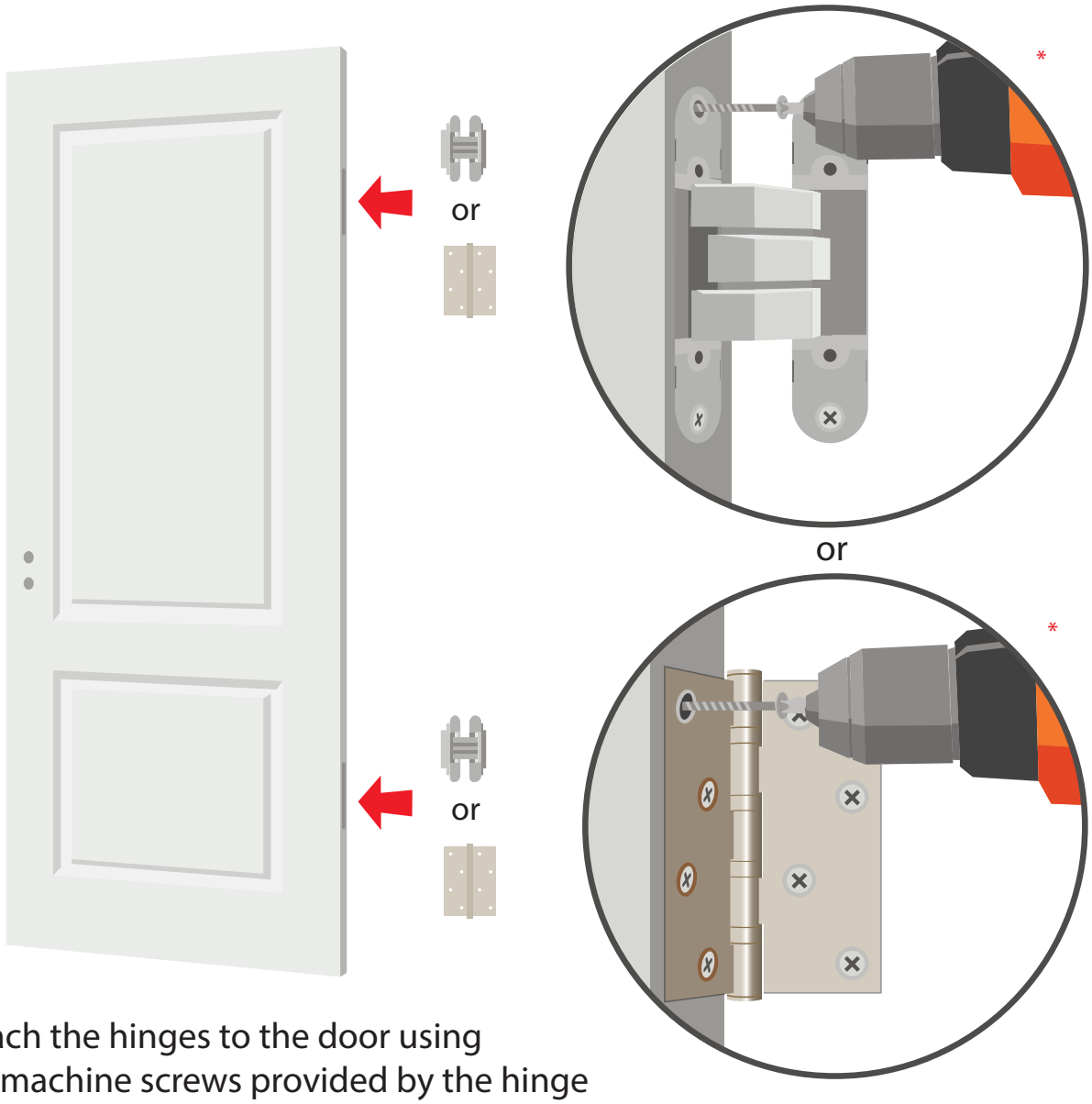


2 Using a hex wrench, attached the head to the jambs by using socket screws. Position the jamb into the opening, align the edge of the frame and the edge of the wall

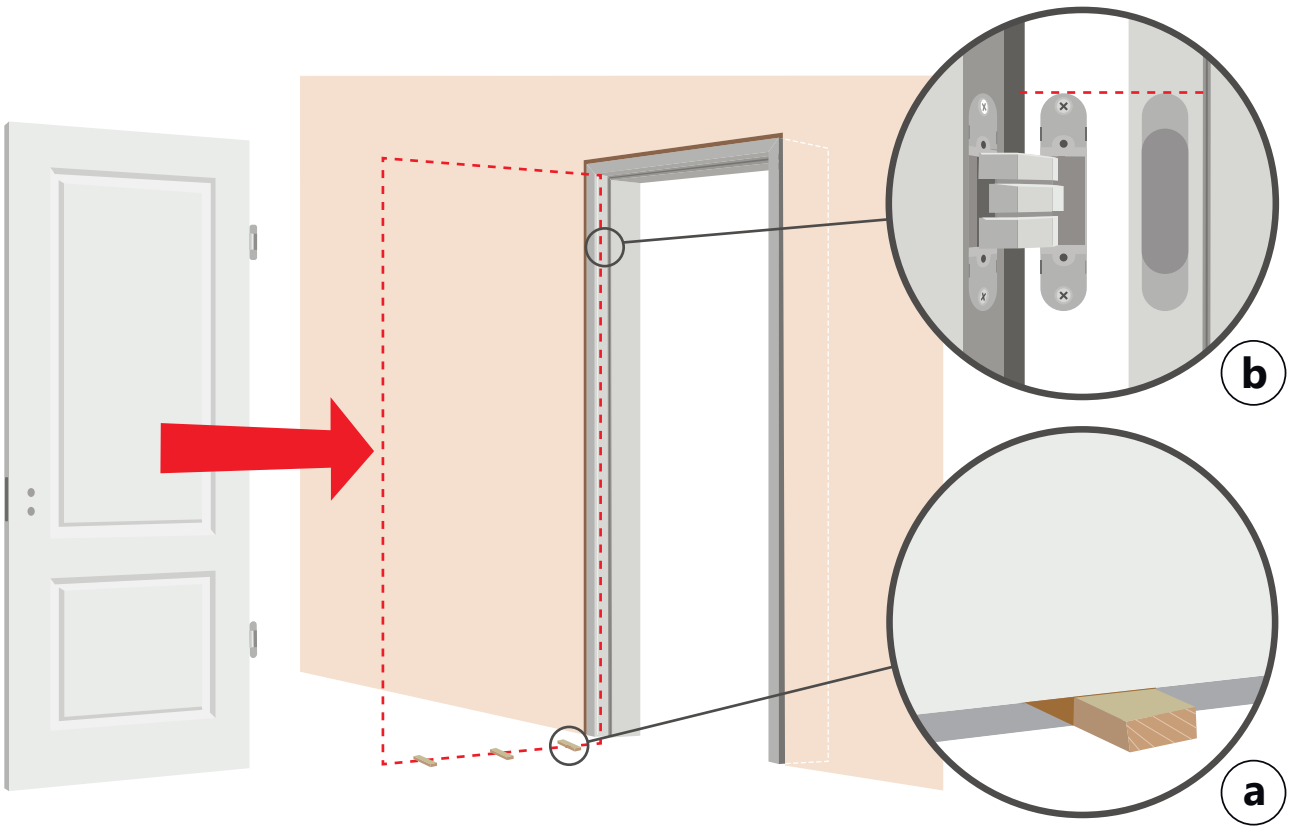
*Note: The tools required for this job are not included.



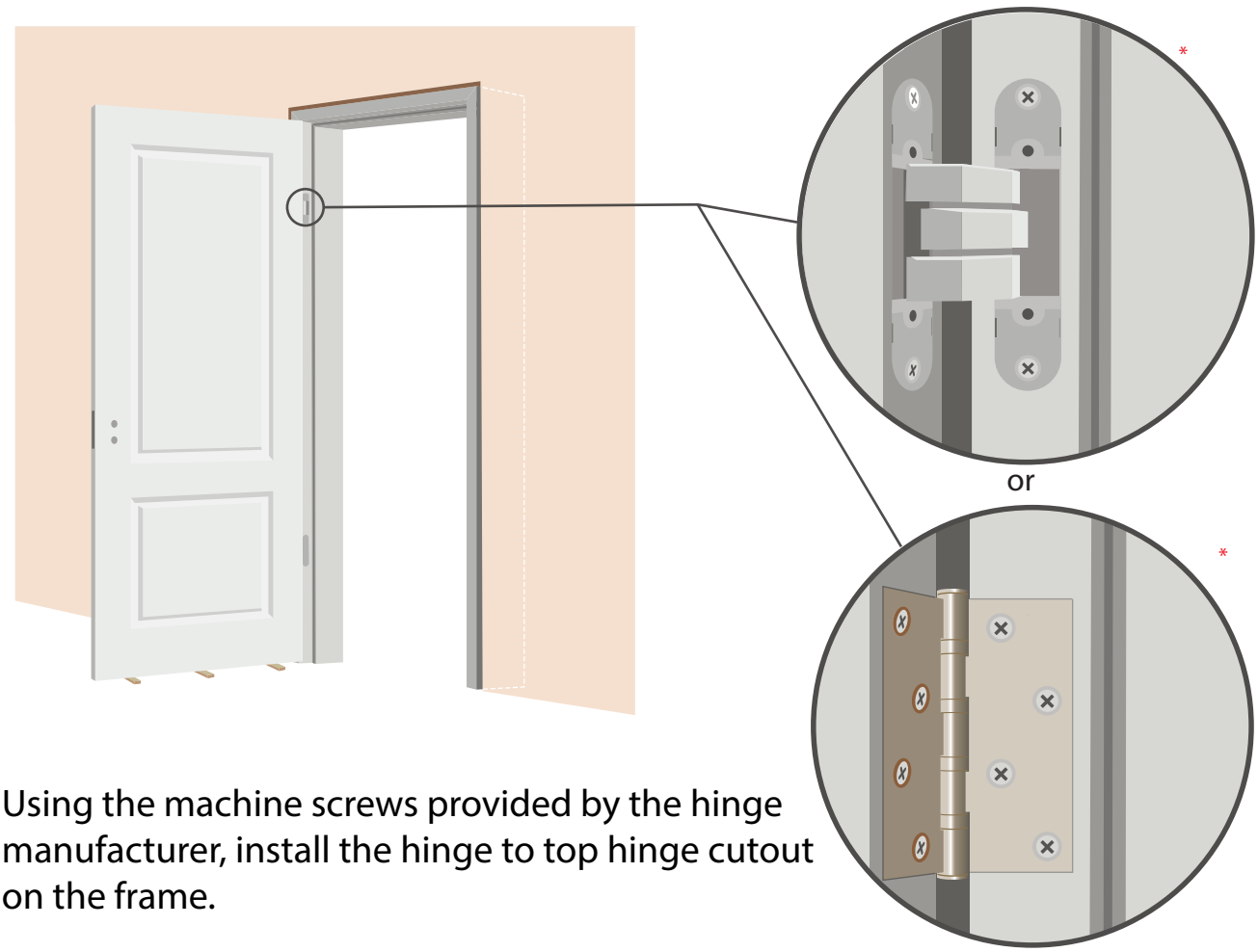
3 Using a level, make sure the hinge side of jamb are perfectly vertical. Insert wedges and temporarily secure in place the hinge side of jamb using nailgun with 10d finish nails.



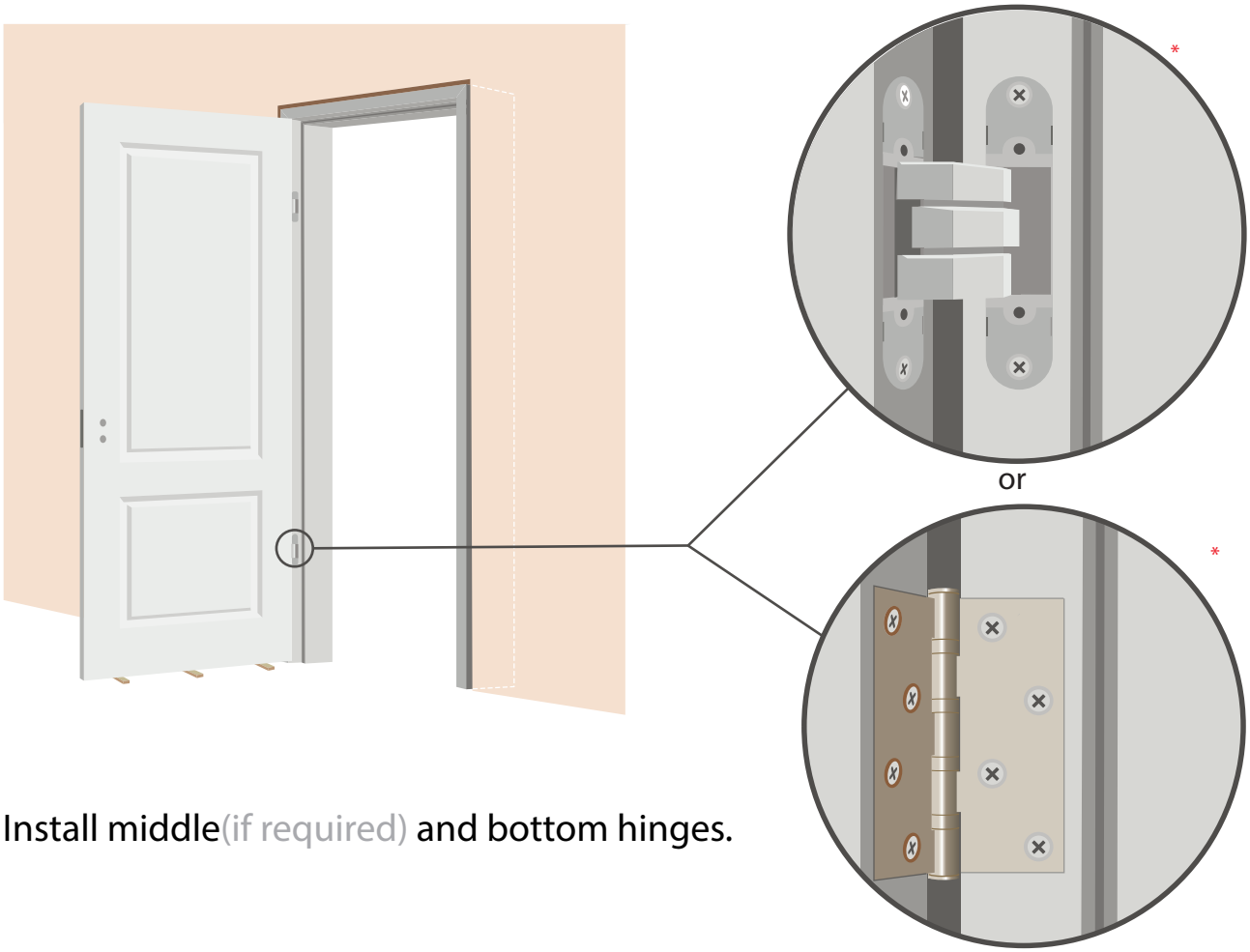
4 Attach the hinges to the door using the machine screws provided by the hinge manufacturer. Take care not to overtighten the machine screws.



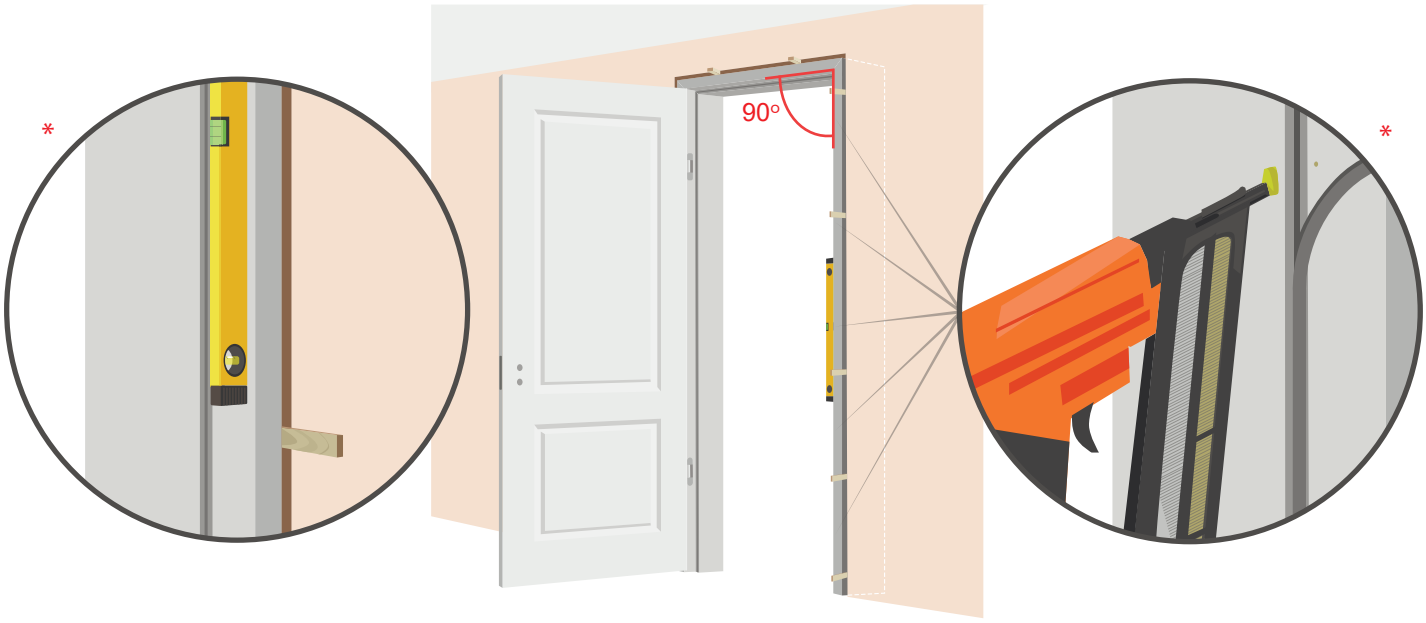
5 Move the door close to the opening.
a) Place a wood wedge or other support under the door to hold the weight.
b) Align the top hinge on the door with the top hinge cutout on the frame.



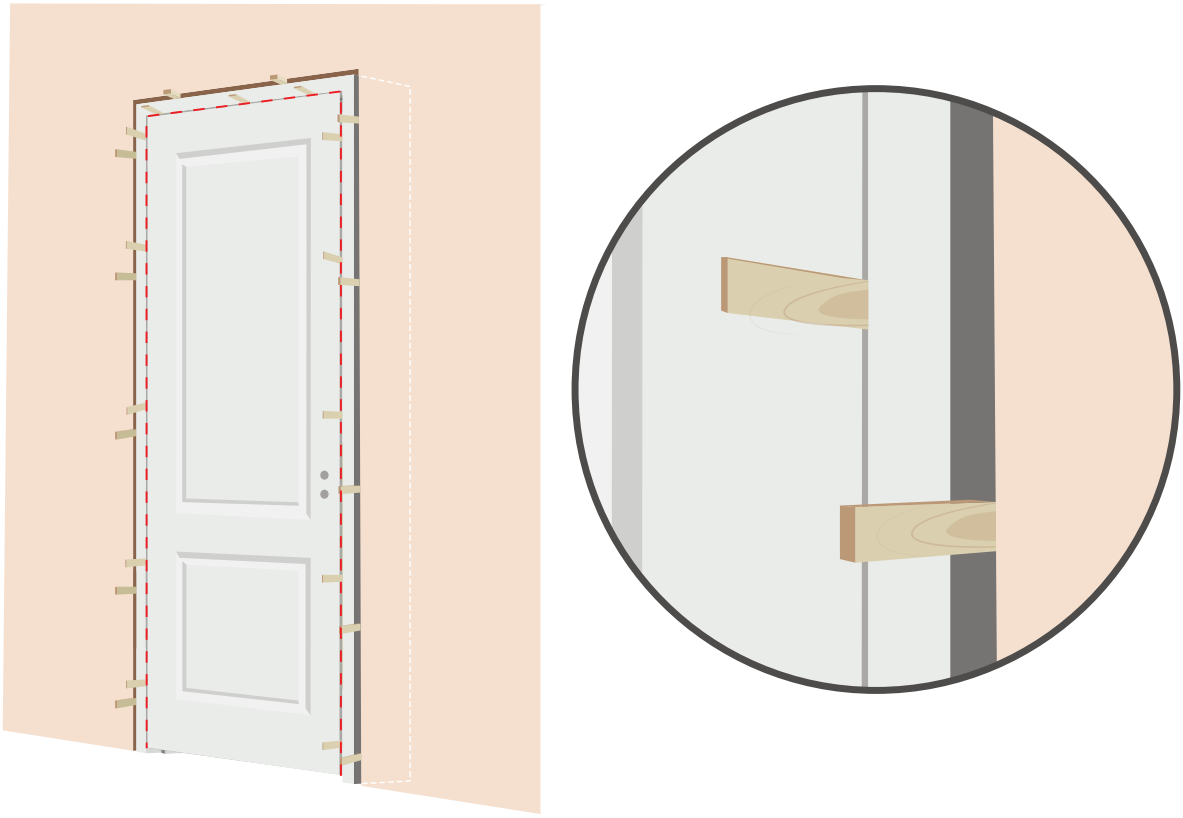
6 Using the machine screws provided by the hinge manufacturer, install the hinge to top hinge cutout on the frame.



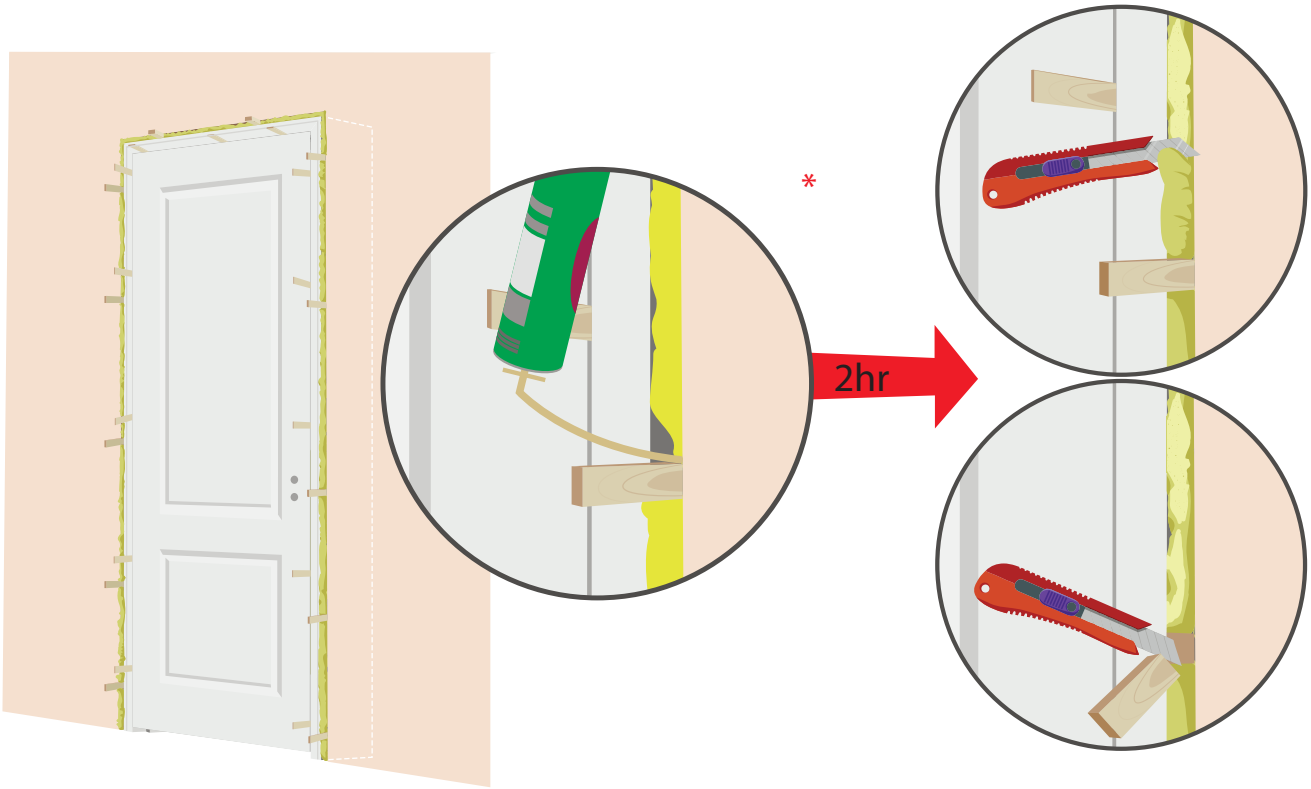
7 Install middle(if required) and bottom hinges.



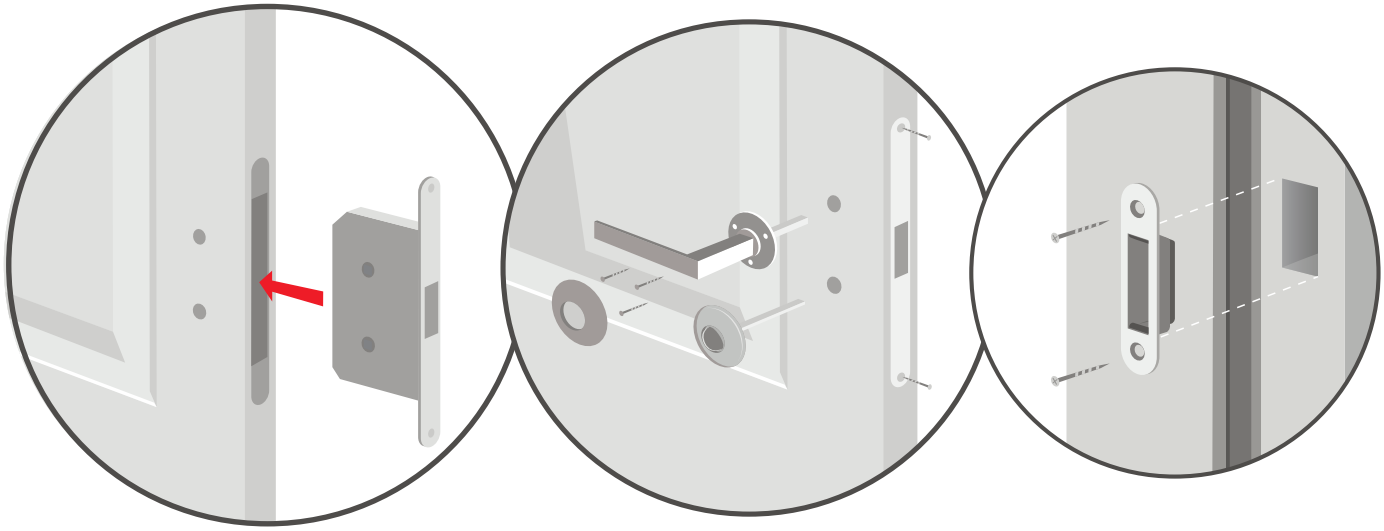
8 Using a level, make sure the latch side of jamb are perfectly vertical. Insert wedges and temporarily secure in place the hinge side of jamb using nailgun with 10d finish nails.



9 Close the door and insert wedges between door and jamb on the perimeter of the door.



10 Fill the void between the door and the frame with polyurethane foam. After complete hardening(2hr), cut excess foam using a box cutter. Remove wedges between door and jamb. Cut protruding parts of wedges.



11 Install lock, lever, faceplate and strike plate.

DUMMY

Lever Set

PASSAGE

Lever Set

Magnetic Lock Set
(Passage / Privacy)

PRIVACY

Lever Set

Magnetic Lock Set
(Passage / Privacy)

WC Cover Plate Set

KEYED

Lever Set

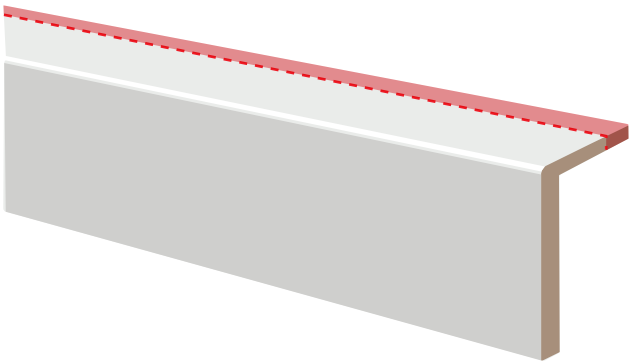
Magnetic Lock Set
(Keyed)

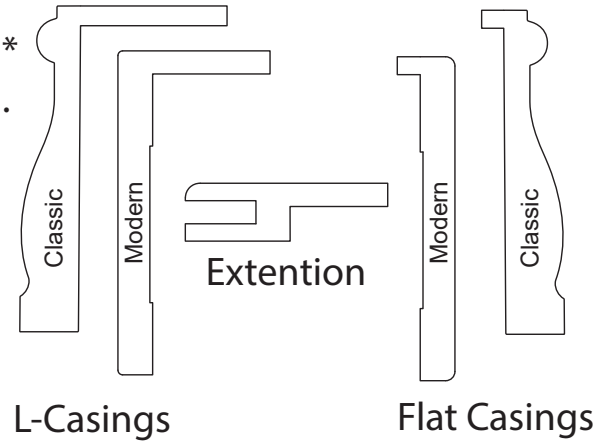
Cover Plate Set
(Keyed)

Cylinder
Both sides Key or Key and Lock

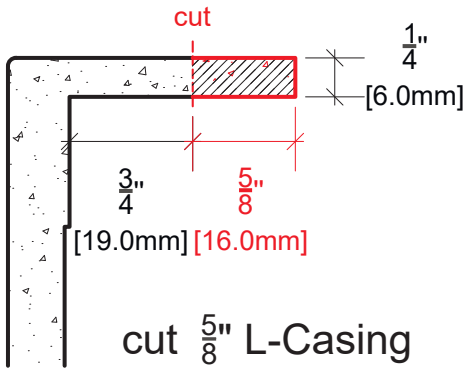
11 Using table saw, cut L-Casings and Extention* according to the wall thickness (if necessary).

*Extention - additional part only for 5-1/8" - 7" wall thikness.





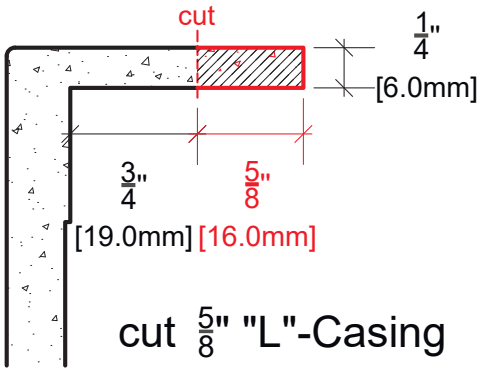
Wall Thikness From $3\frac{7}{8}$" to $4\frac{3}{8}$"

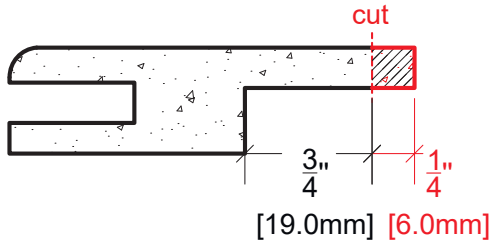


Wall Thikness From $4\frac{1}{2}$" to 5"

Cuting is not needed

Wall Thikness From $5\frac{1}{8}$" to $5\frac{7}{8}$"



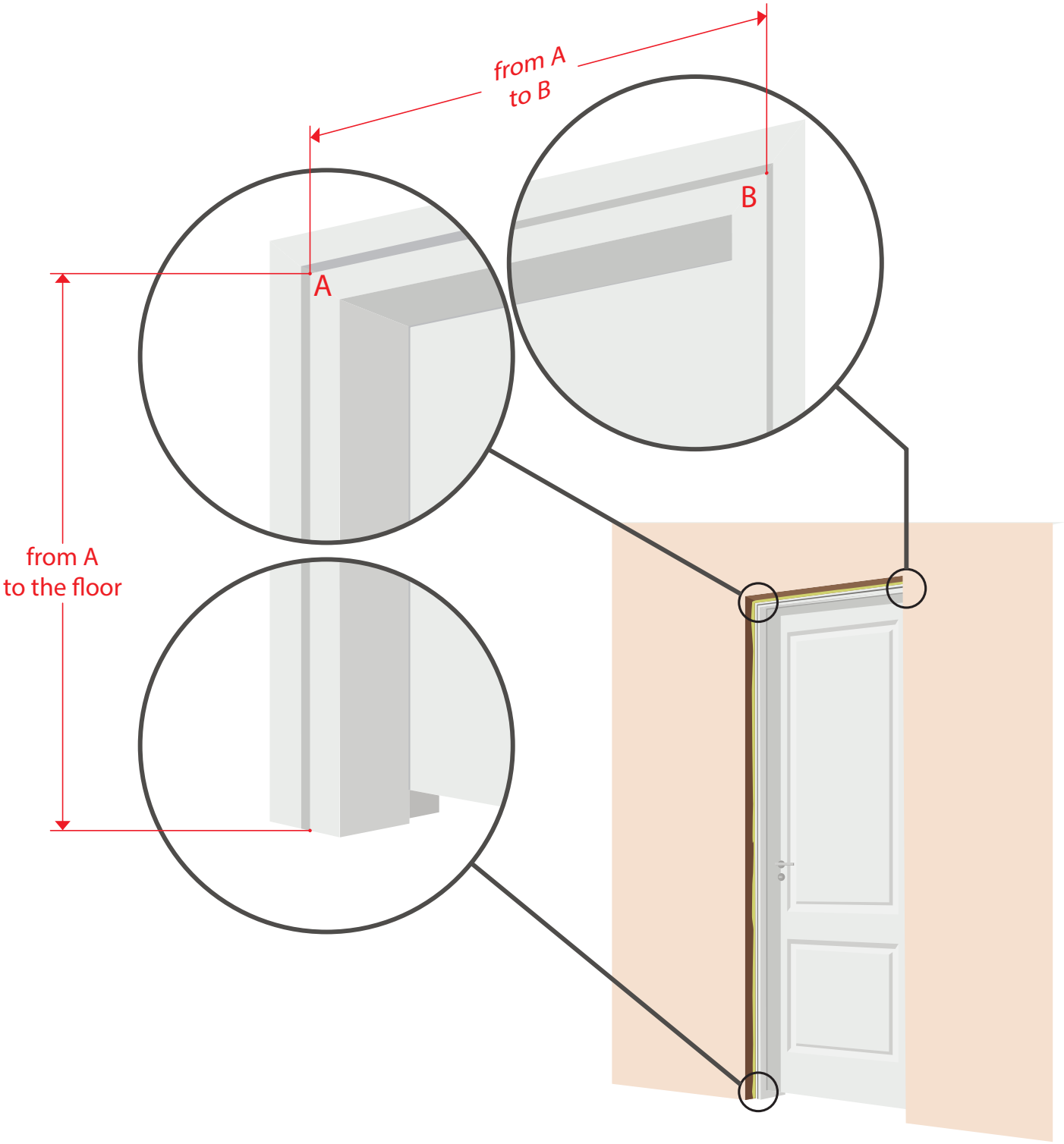


Wall Thikness From 6" to 7"

Cut is not needed

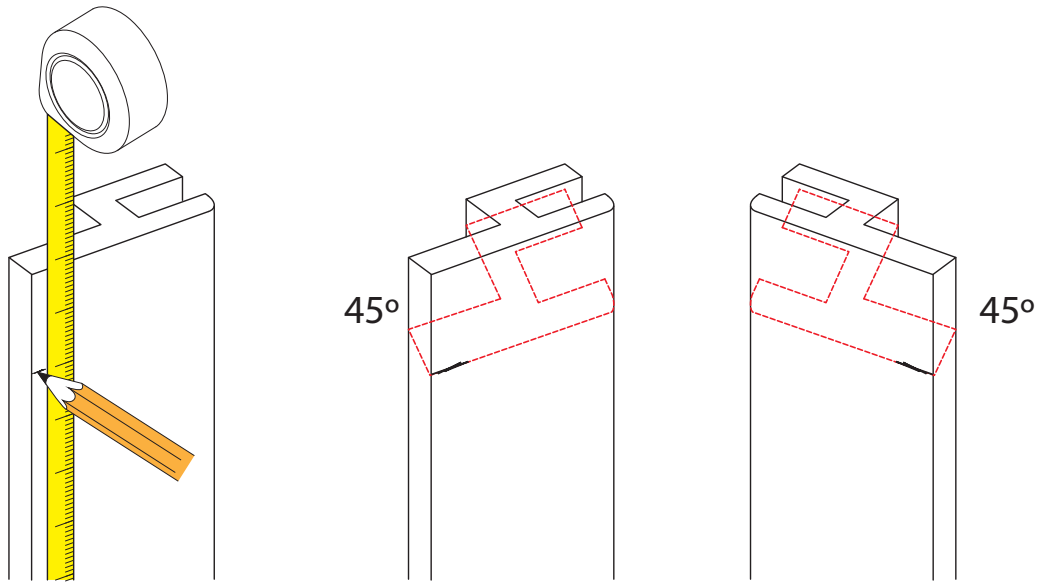
12 ONLY FOR 5-1/8" - 7" WALL THICKNESS

Measure distance from A to the floor.
Measure distance from B to the floor.
Measure distance from A to B.



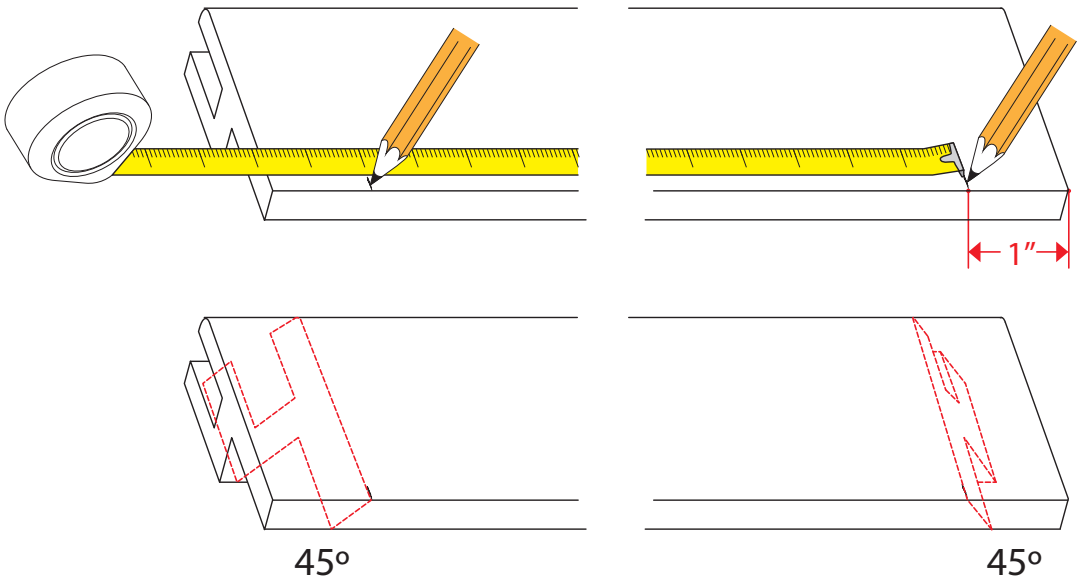
13 ONLY FOR 5-1/8" - 7" WALL THICKNESS

Mark with a pencil(as in the picture) distance from A to the floor and from B to the floor for vertical extentions.
Using pull saw, cut vertical extentions in 45º according the marks.



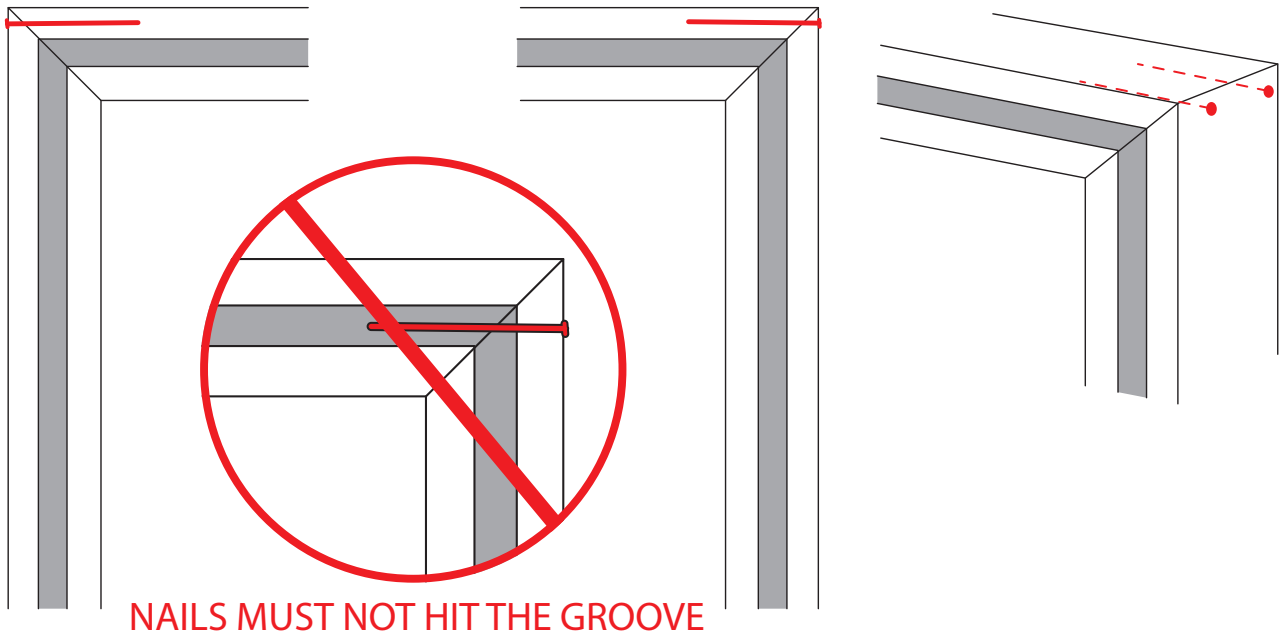
14 ONLY FOR 5-1/8" - 7" WALL THICKNESS

Mark with a pencil(as in the picture) distance from A to B for header extention.
Using pull saw, cut header extention in 45º according the marks both sides.



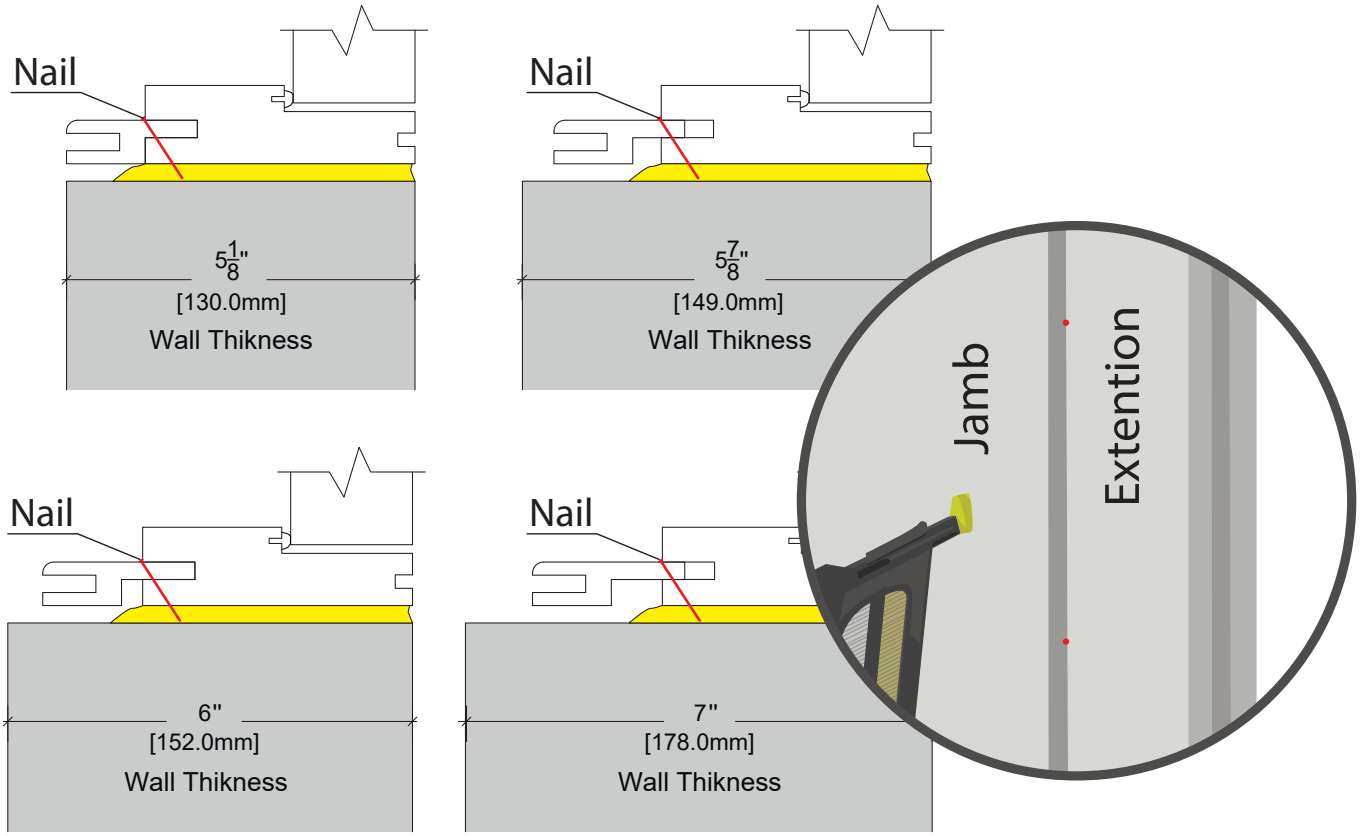
15 ONLY FOR 5-1/8" - 7" WALL THICKNESS

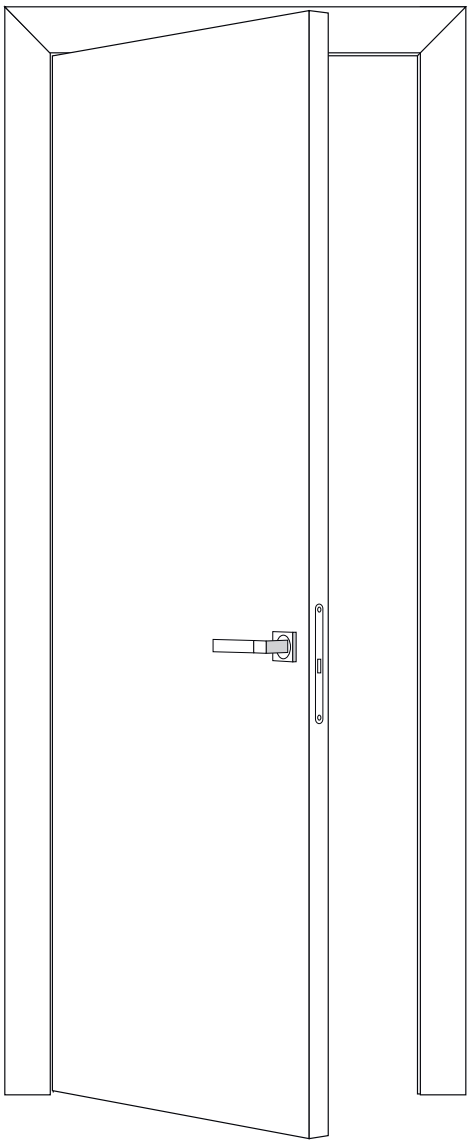
Connect vertical and header extentions using nailgun with 10d finish nails.



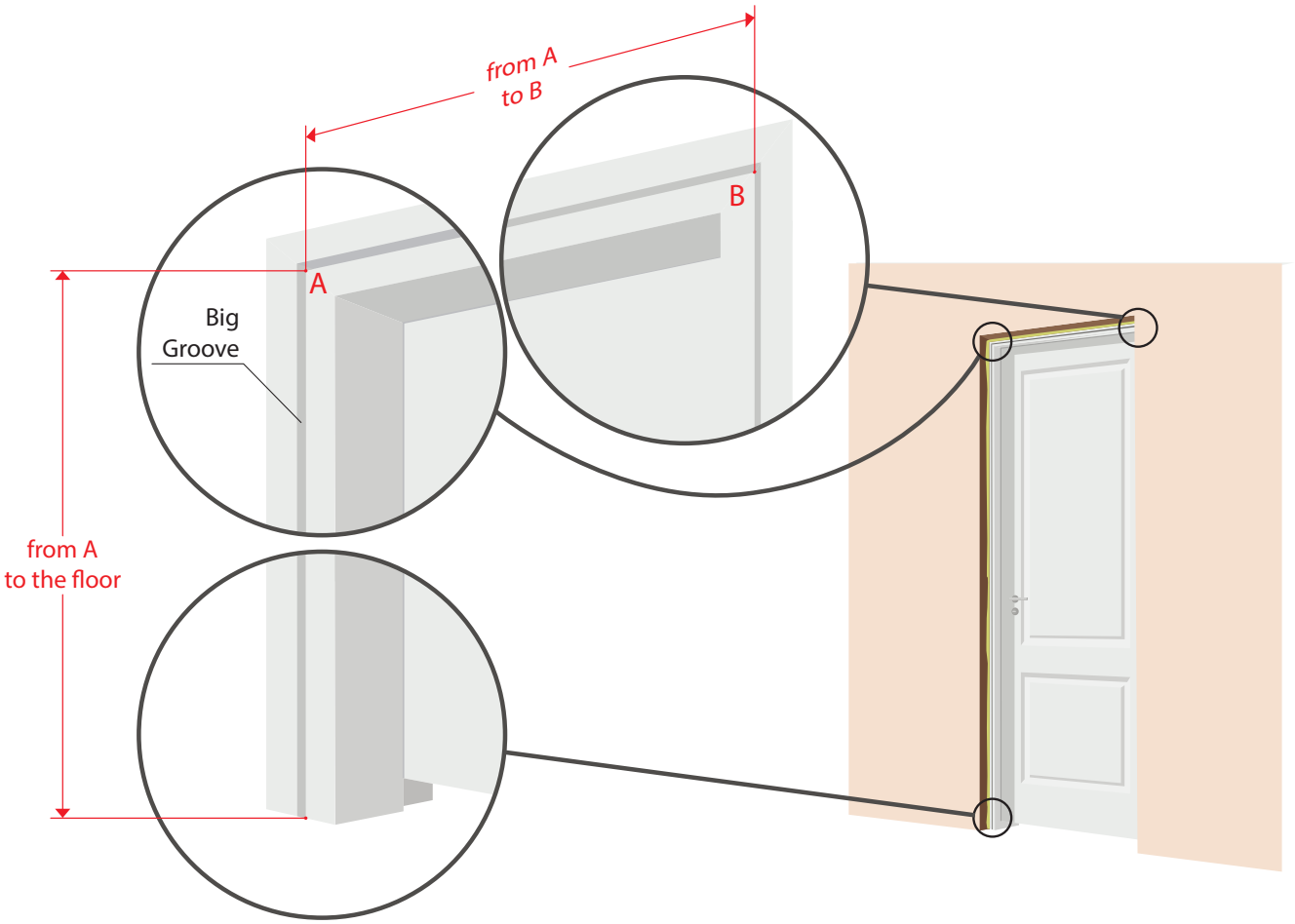
16 ONLY FOR 5-1/8" - 7" WALL THICKNESS

Install extention in jamb according to the wall thickness (as in the picture) and secure in place using nailgun with 10d finish nails.

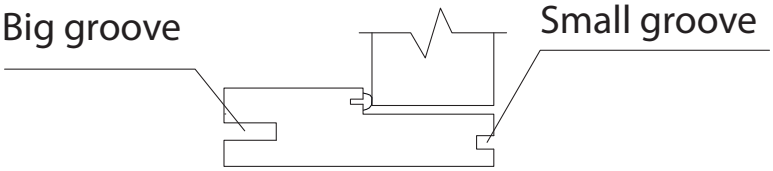


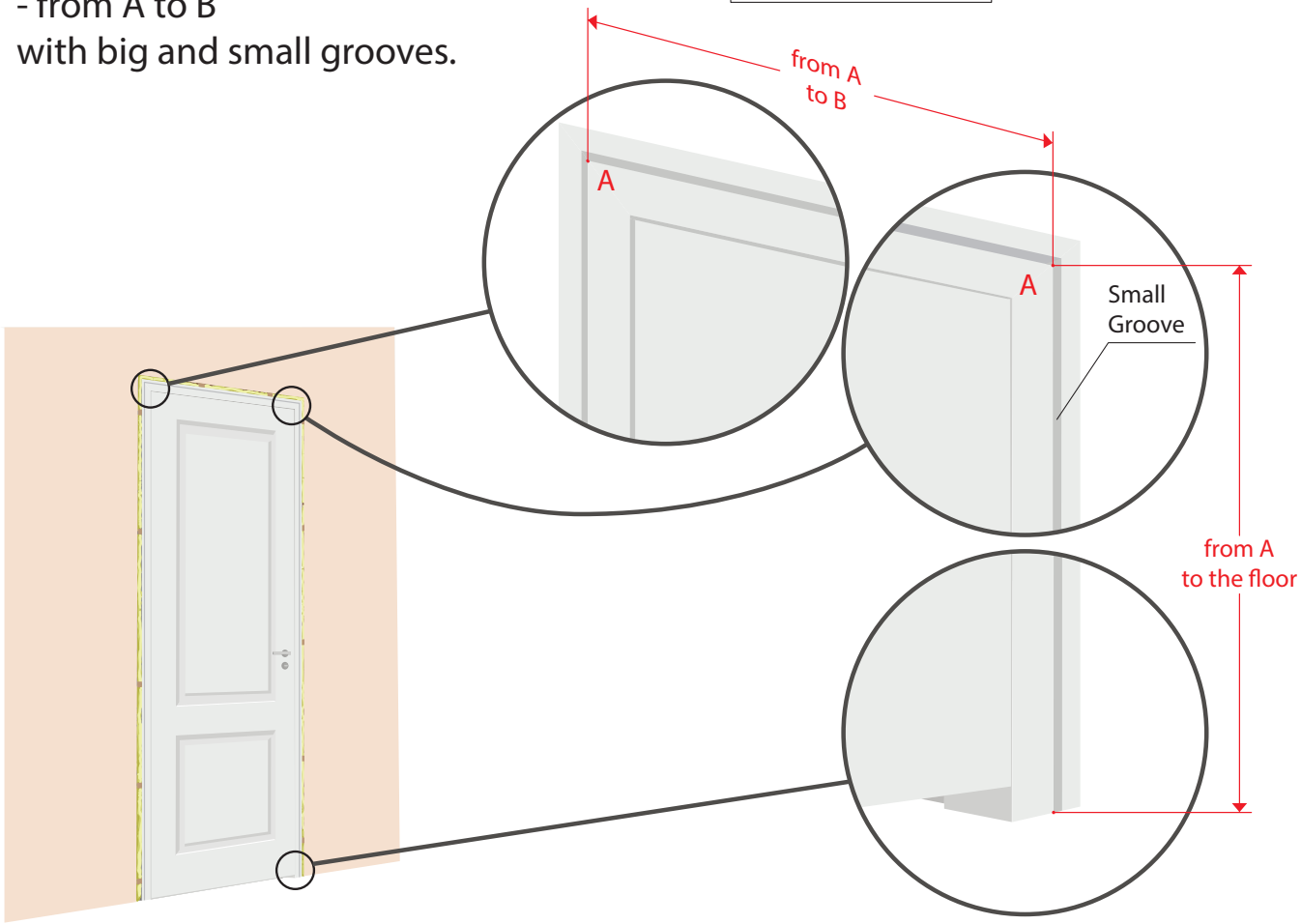


45° Casing Connection

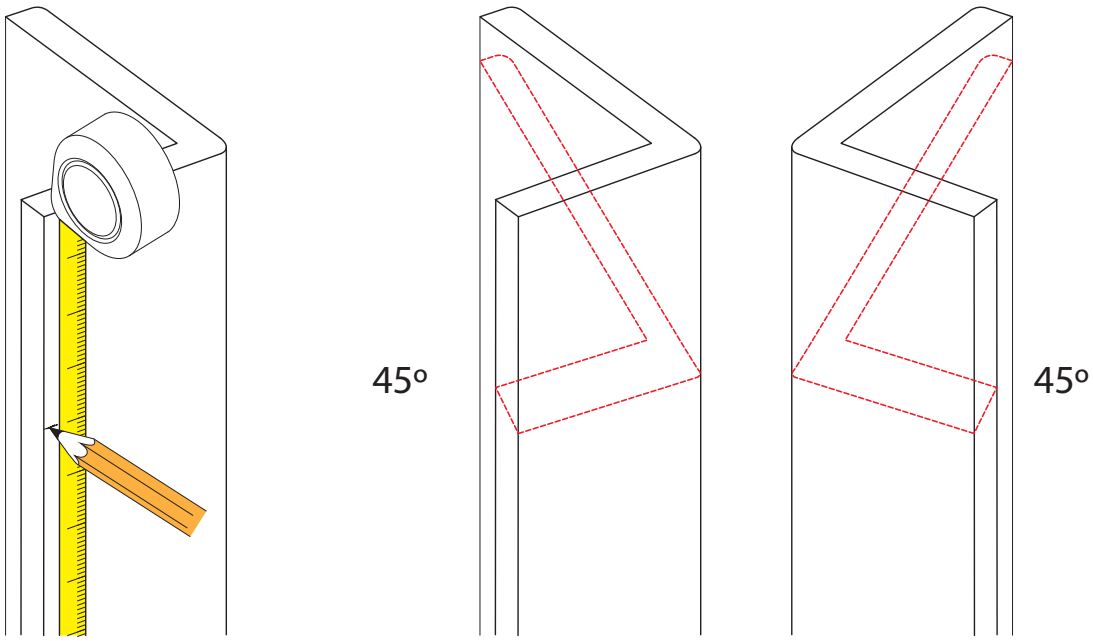


17 Measure distance:
- from A to the floor;
- from B to the floor;
- from A to B
with big and small grooves.

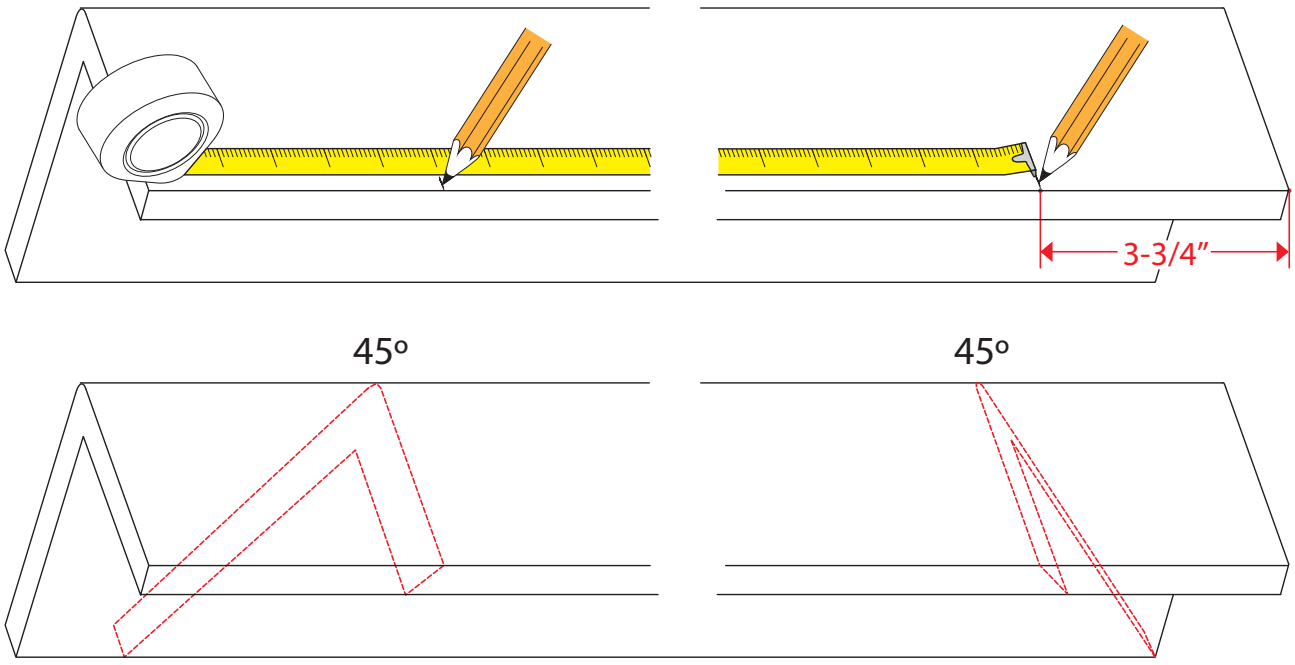




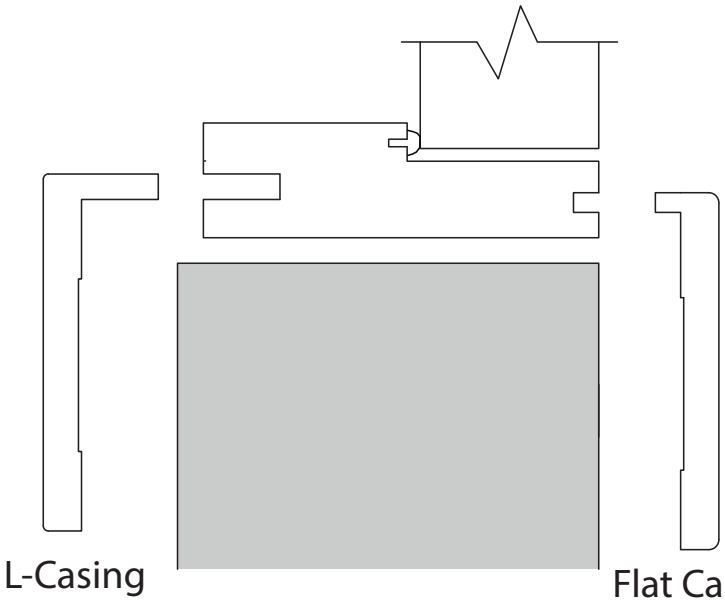
18 Mark with a pencil(as in the picture) distance from A to the floor and from B to the floor for vertical casings.
Using pull saw, cut vertical casings in 45º according the marks.

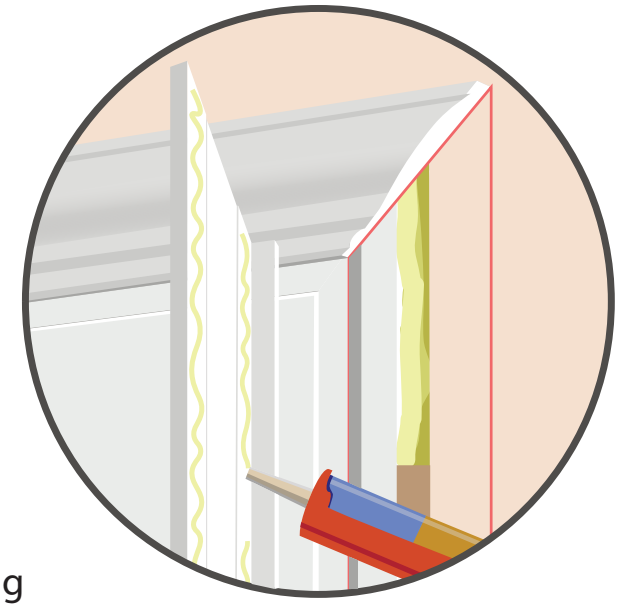


19 Mark with a pencil(as in the picture) distance from A to B for header casing.
Using pull saw, cut header casing in 45º according the marks both sides.

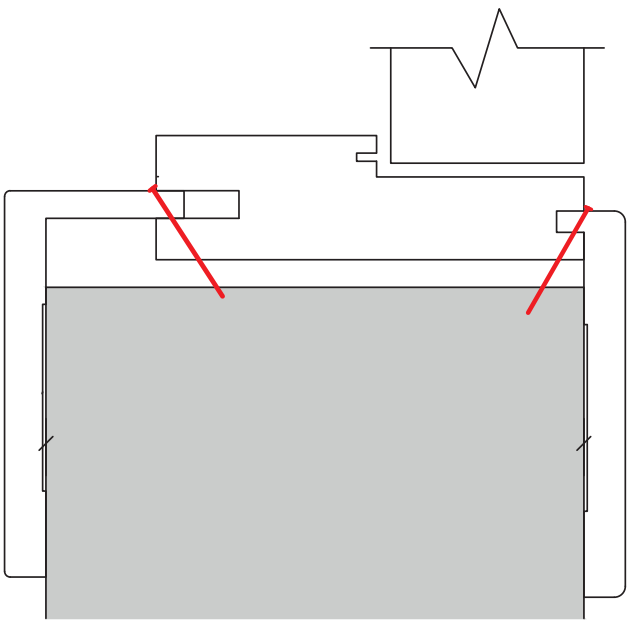


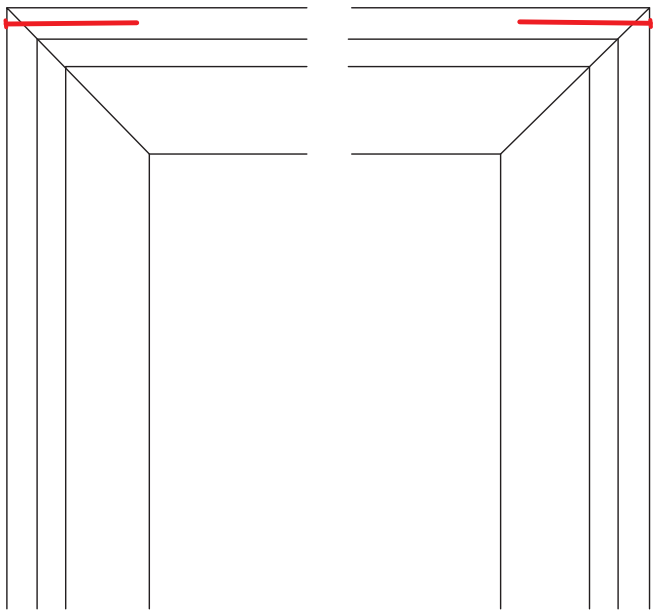
20 Install flat casing in small groove and L-casing in big groove using liquid nails.

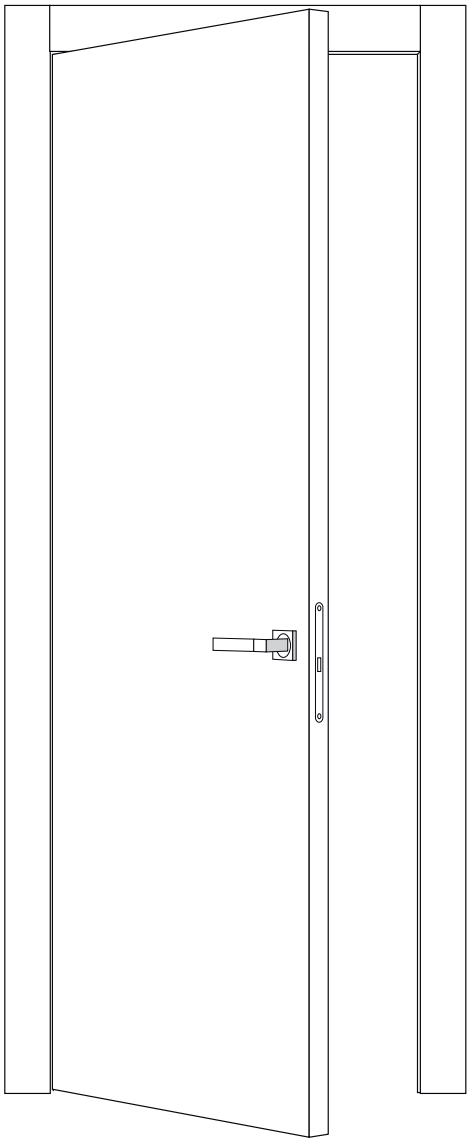




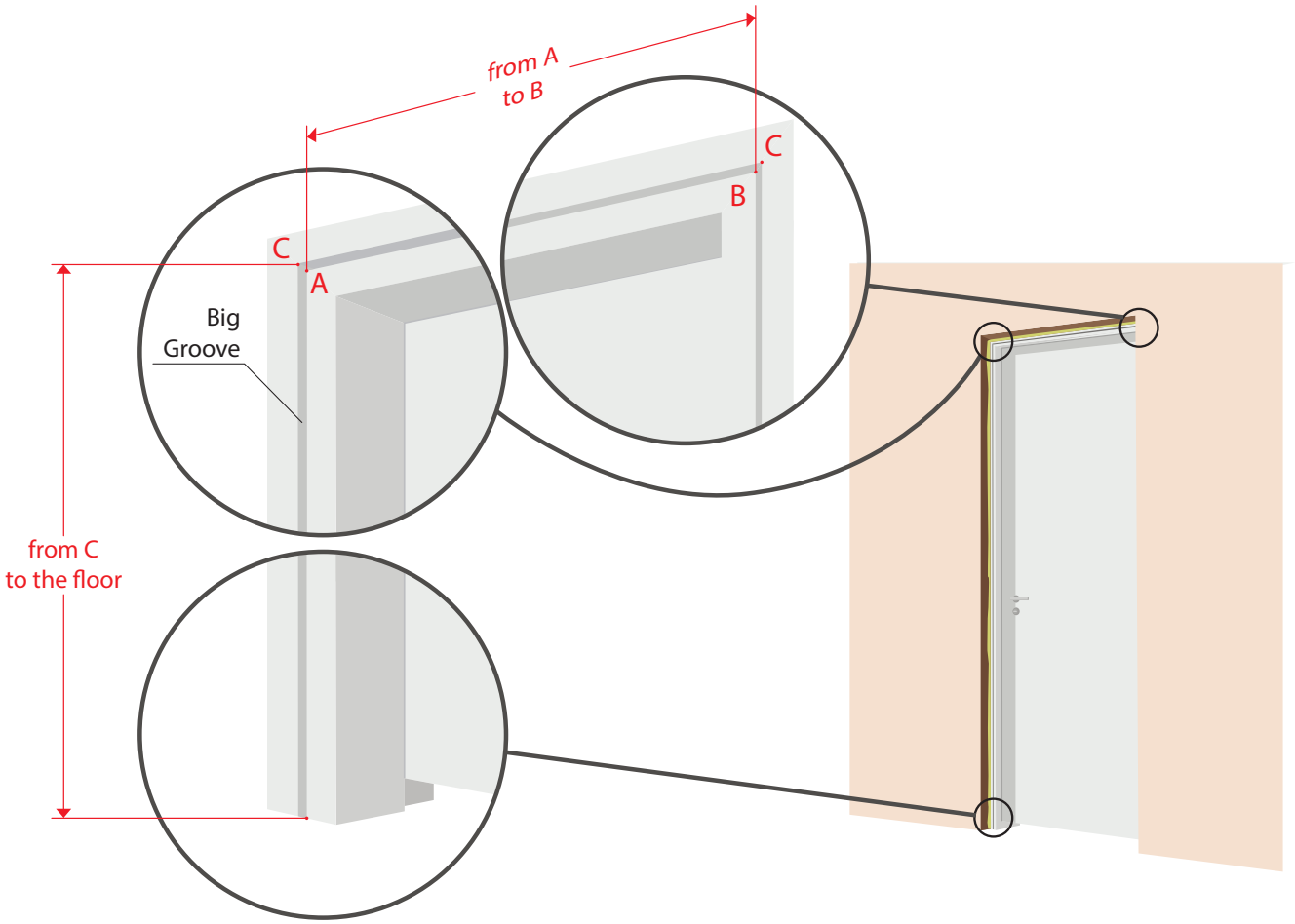
21 Secure in place using nailgun with 10d finish nails.





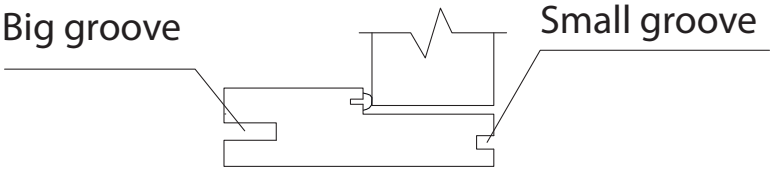


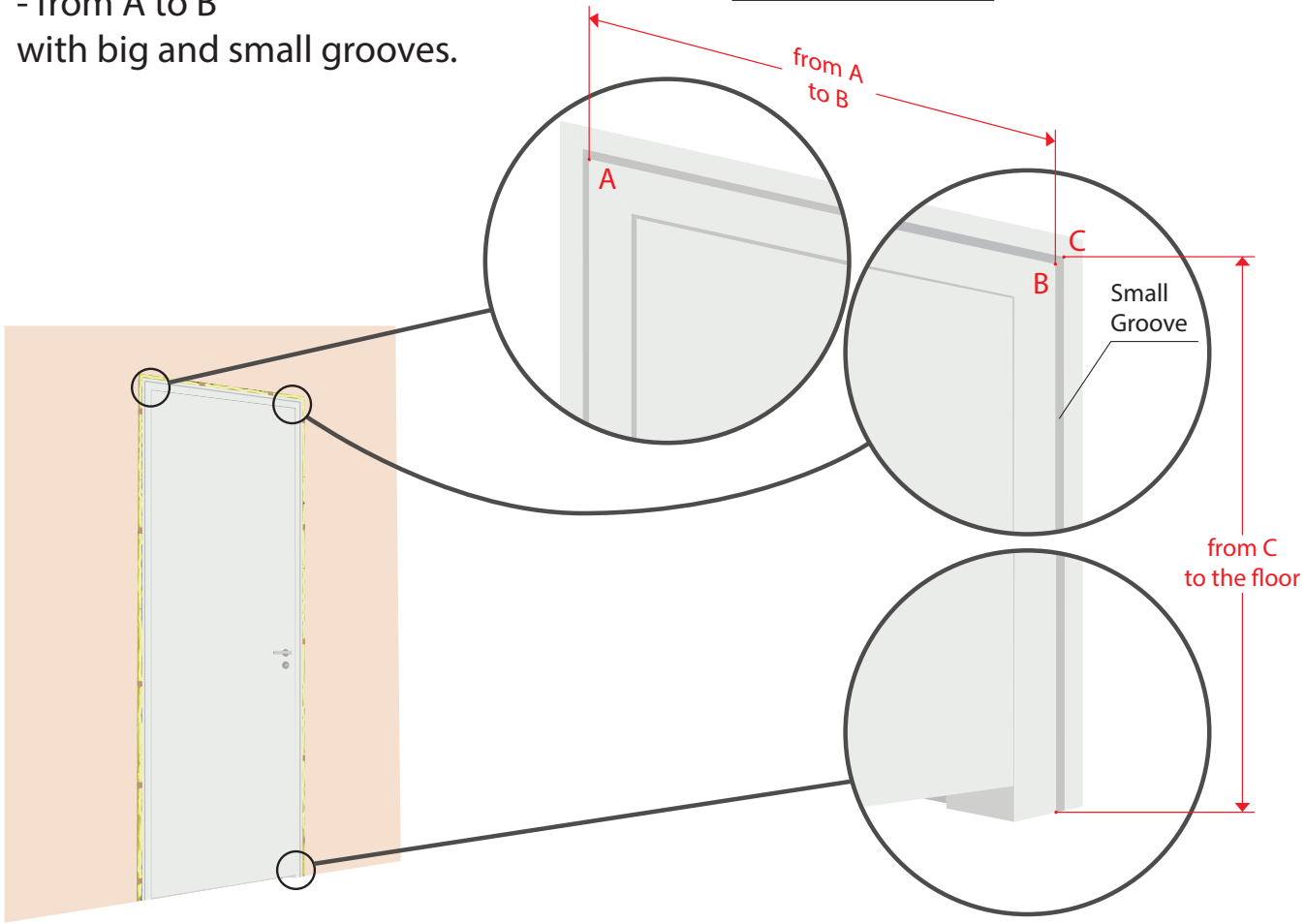
90^{O} Casing Connection



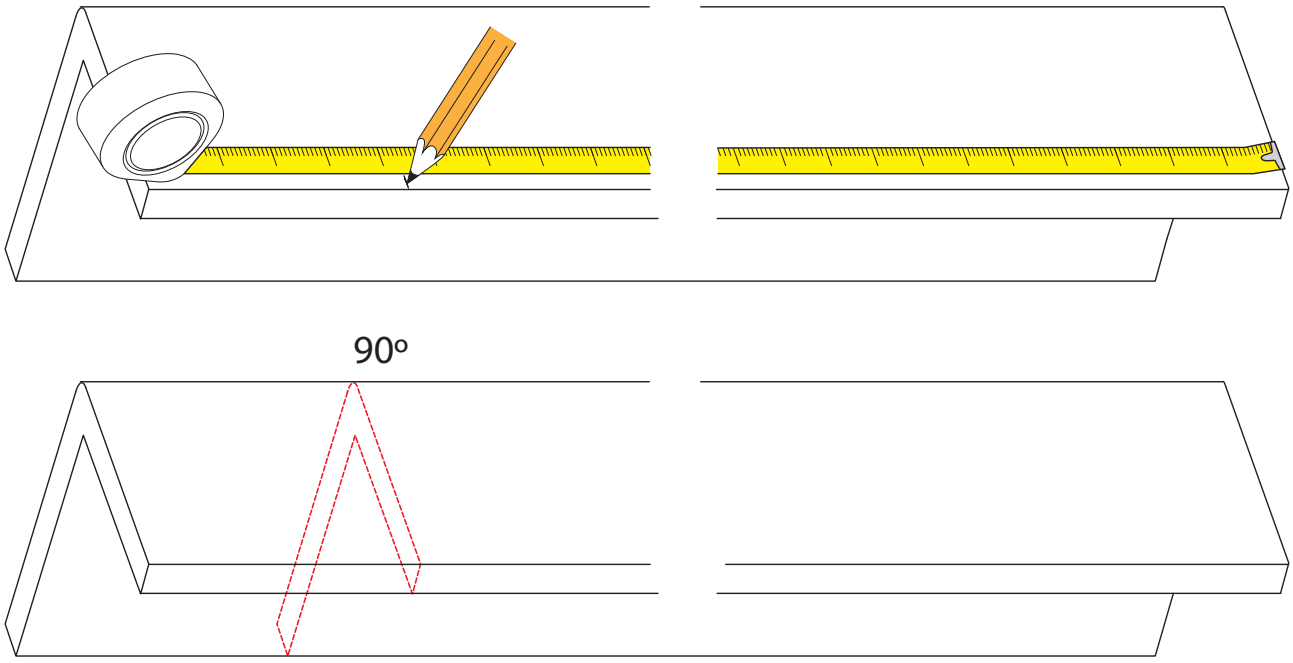
17 Measure distance:
- from C to the floor;
- from C to the floor;
- from A to B

with big and small grooves.

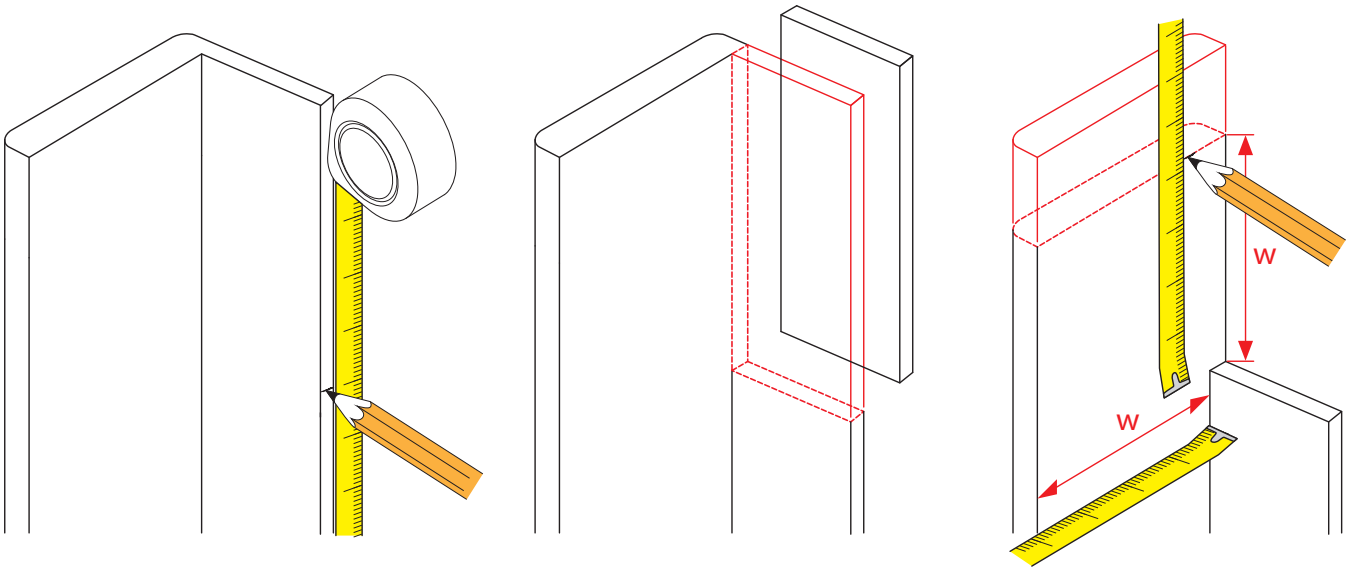




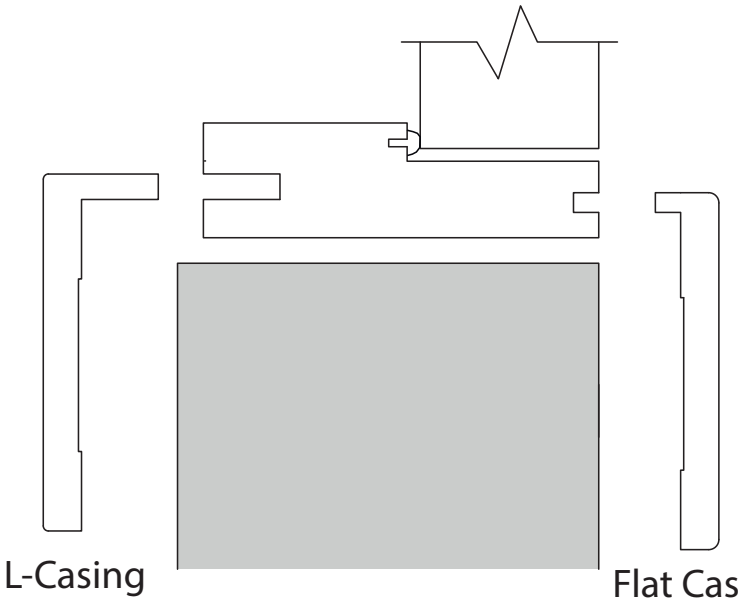
18 Mark with a pencil(as in the picture) distance from A to B for header casing.
Using pull saw, cut header casing in 90º according the marks.

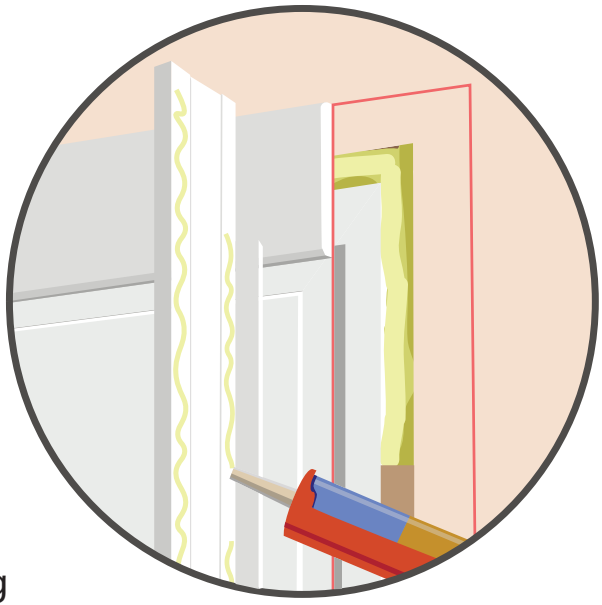


19 Mark with a pencil(as in the picture) distance from C to the floor
for vertical casings.
Using pull saw, cut tenon of vertical casings in 90º according the marks.
Mesure W and mark with a pencil(as in the picture).
Using pull saw, cut vertical casings in 90º according the marks.



20 Install flat casing in small groove and L-casing in big groove using liquid nails.





21 Secure in place using nailgun with 10d finish nails.