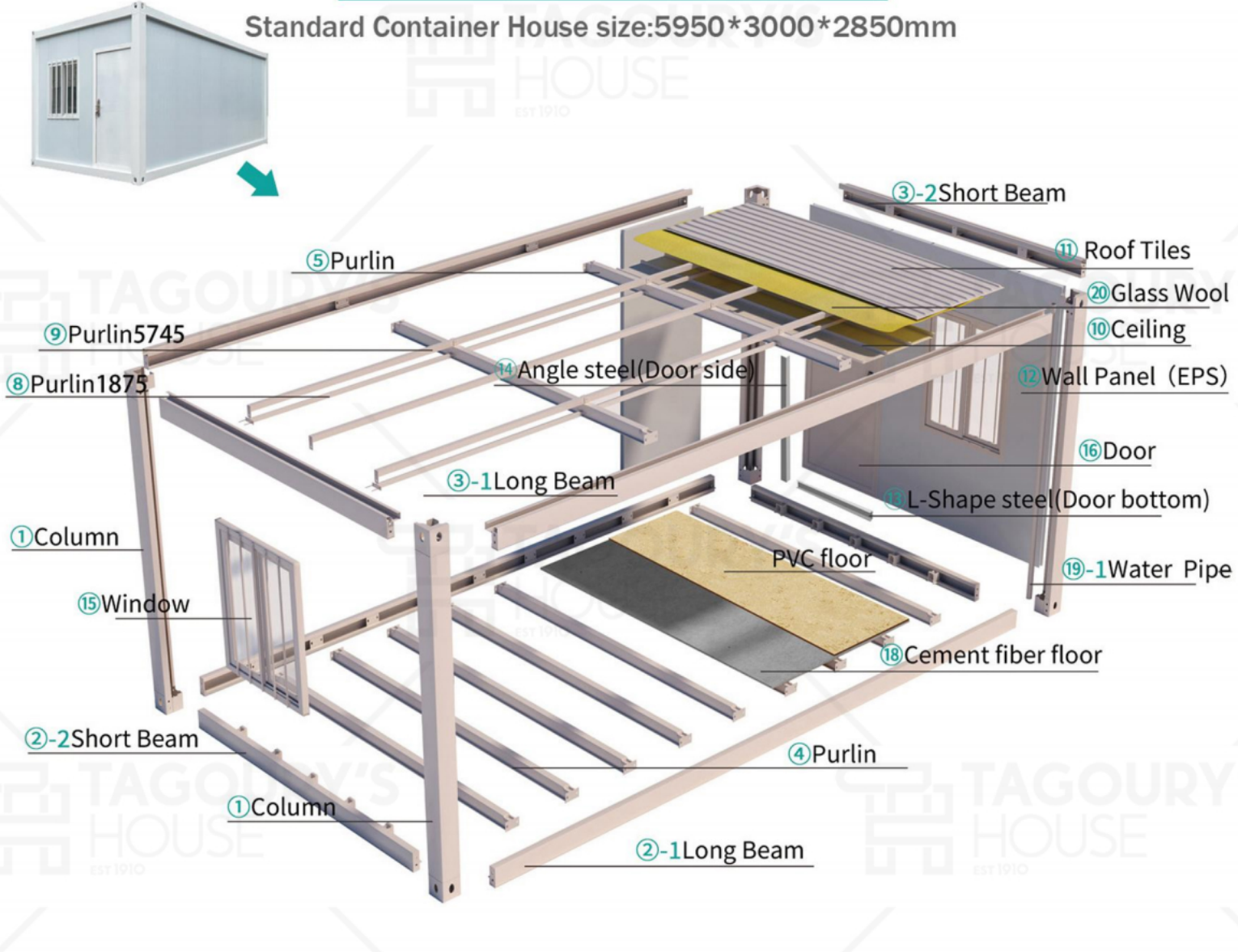
Installation Instructions

160C Container House with Steel Structure Roof

CONTAINER HOUSE 160C

Standard Container House size:5950*3000*2850mm



Preparations for product Materials

①Column
SIZE：2850mm*4pcs

②-1Long beam
SIZE：5630mm*2pcs

②-2Short beam
SIZE：2680mm*2pcs

③-1Long beam
SIZE：5690mm*2pcs

③-2 Short beam
SIZE：2740mm*2pcs

④ Purlin
SIZE：2880mm*9pcs

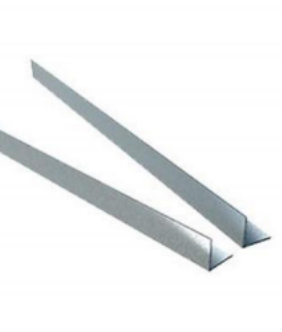
⑤Purlin
SIZE：2890mm*2pcs

⑧Purlin 1875
SIZE：1873mm*6pcs

⑨Purlin 5745
SIZE：5745mm*3pcs

⑩Ceiling
SIZE：2770mm*7pcs

⑬ L-Shape steel (Door bottom)
SIZE：950mm*1pc



⑭Angle steel (Door side)
SIZE：2100 mm*1pc

⑪Roof tiles
SIZE：2890mm*6pcs

⑫Wall Panel
SIZE：2560*950mm*15pcs（⑫-1）
900*950mm*2pcs（⑫-2Window bottom）
560*950mm*2pcs（⑫-3Window top）
460*950mm*1pc（⑫-4Door top）

PVC Interior corner cladding
SIZE：5200mm*2pcs

⑱Cement fiber floor
SIZE：2780*1146*18mm*5pcs

⑮ Window
SIZE：1100mm*950mm*2sets

⑯Door
SIZE：2035*925mm*1set

⑳ Glass wool
SIZE：1pc

Baseboards and Accessories
SIZE：5800mm*6pcs

⑲-1 PVC Water pipe
SIZE：2660mm*4pcs

⑲ -2 Pipe bend

Flat head self-tapping nails

Pop-rivet

Hexagonal self tapping nails

Carriage bolts

Hexagonal screw

Silicon sealant

Preparations for installation tools

Electric drill

Cutting machine

Electric wrench

Hammer

Steel tape

Pop-rivet gun

17#18#19#21#
22#30#Socket wrench tool sleeve

Silicon sealant gun

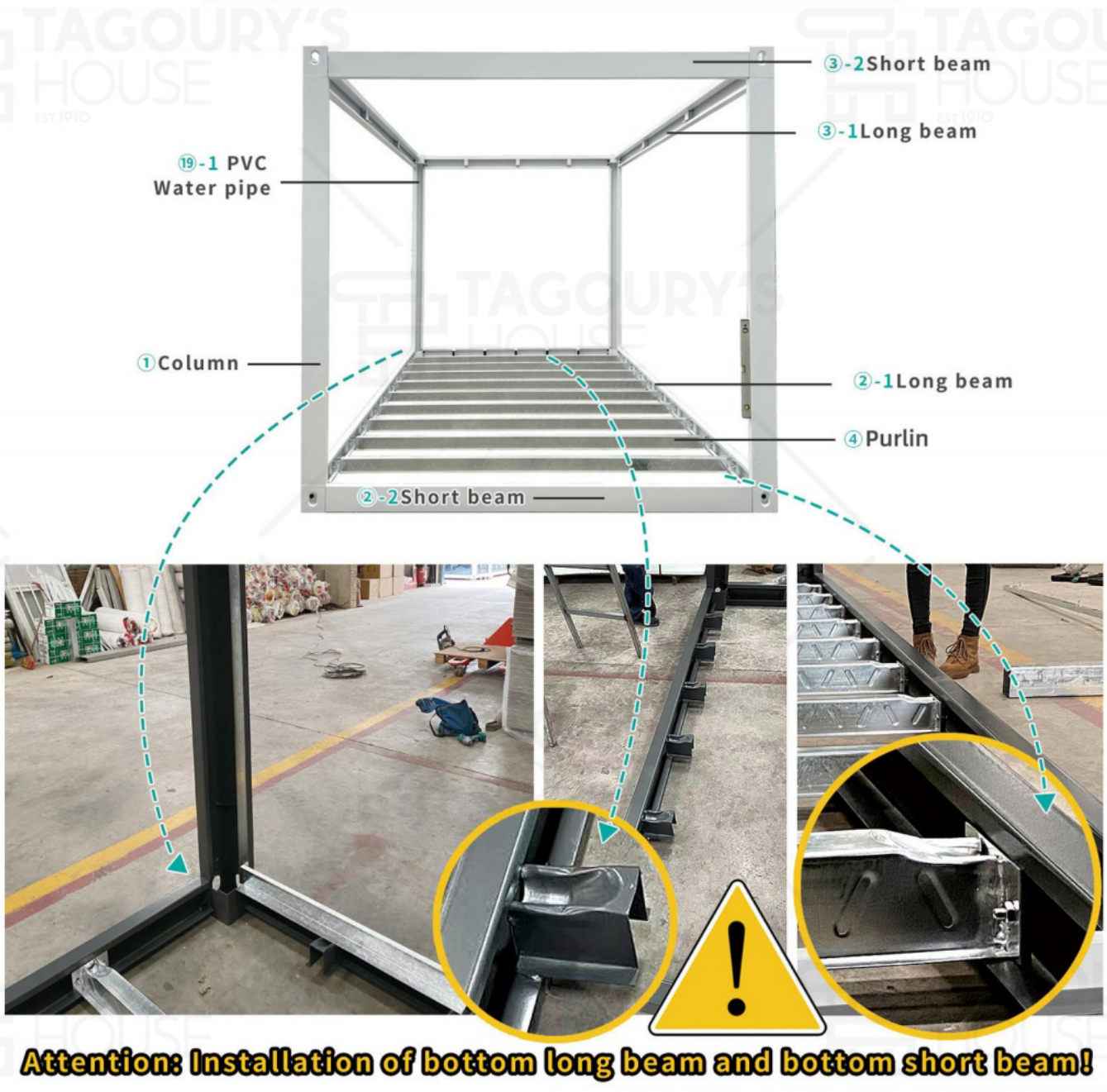
17#18#19#21#
22#30#
45° extended edition Ring spanner

Level bar

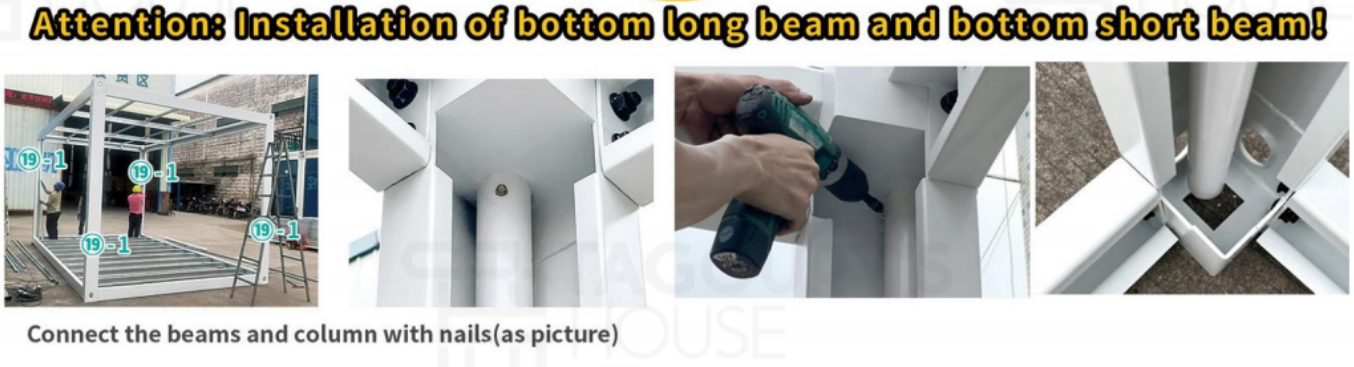
17#18#19#21#
22#30#
Opening spanner

Cutting machine

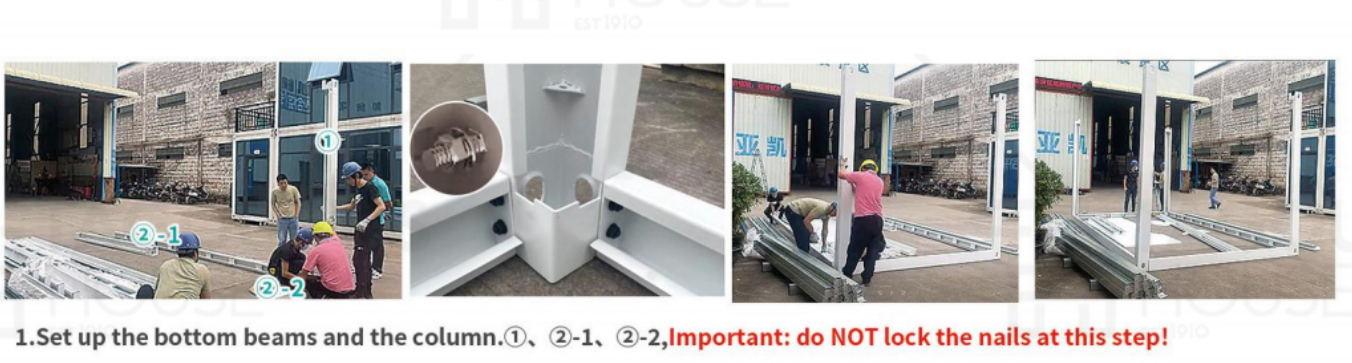
installation



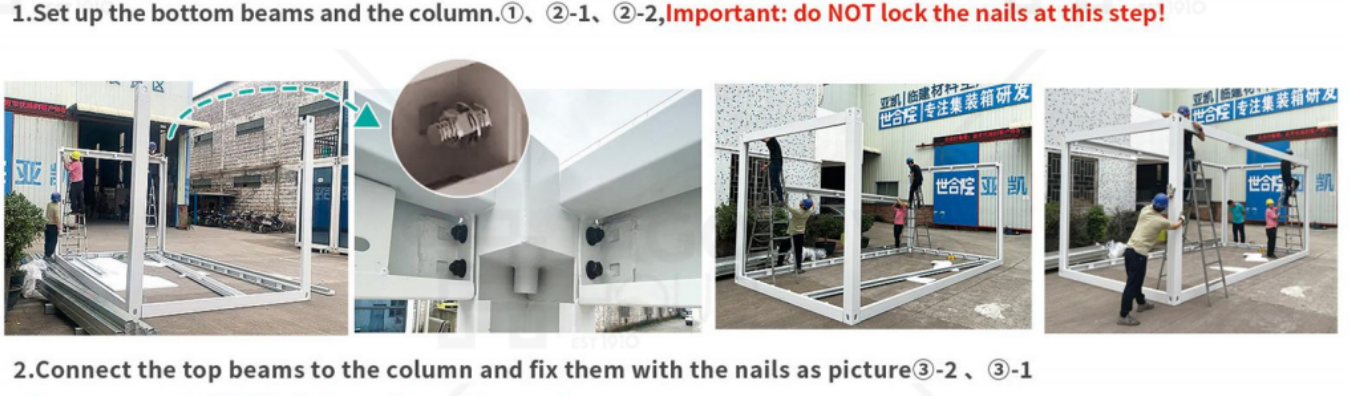
Attention: Installation of bottom long beam and bottom short beam!



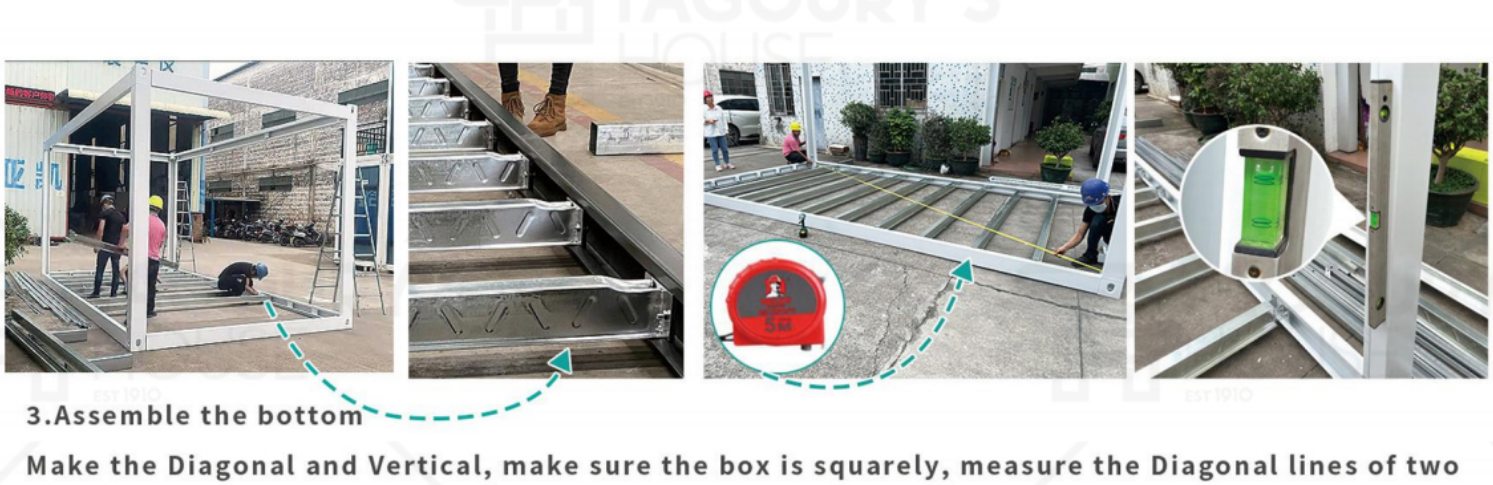
Connect the beams and column with nails(as picture)



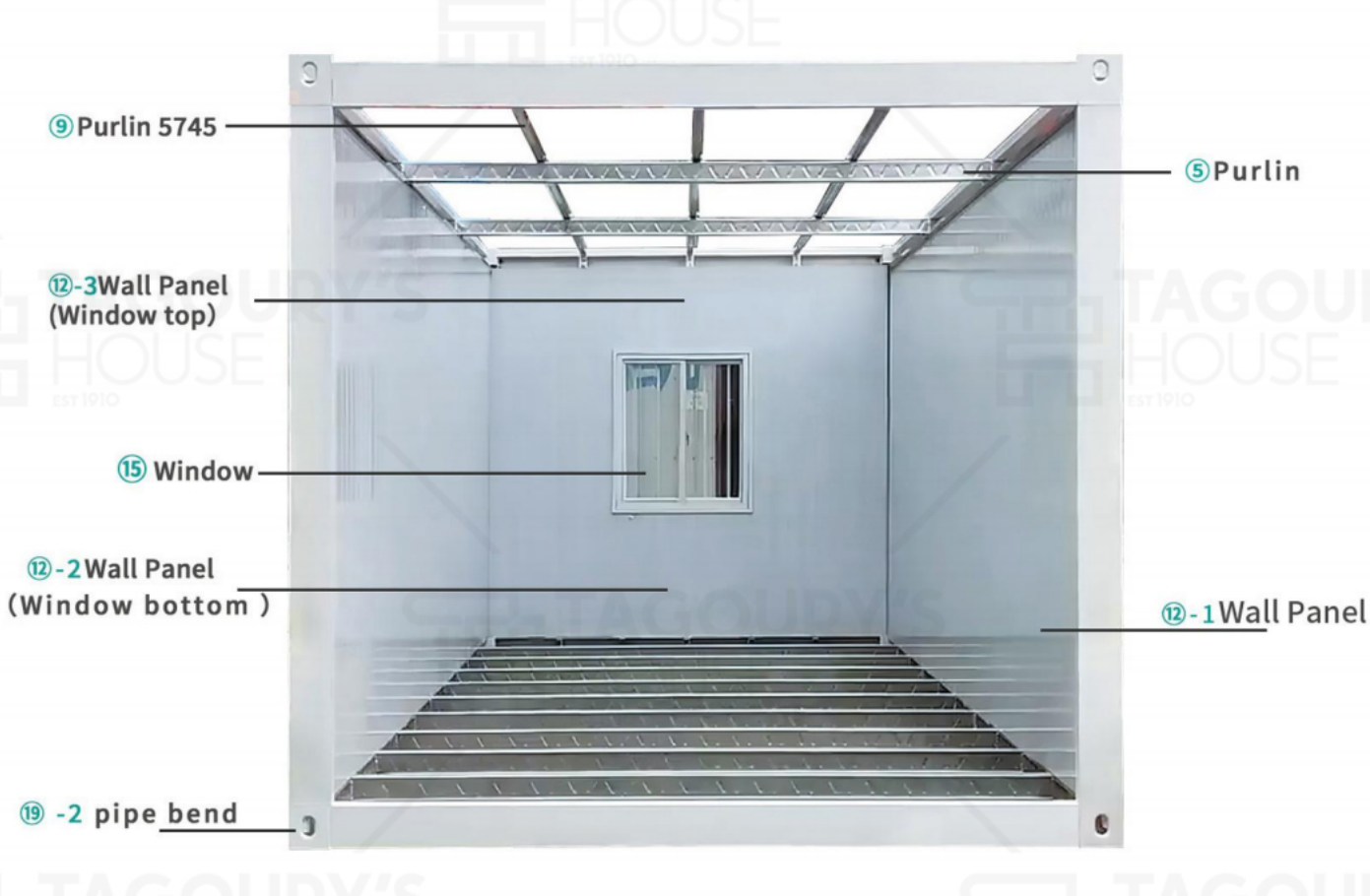
1.Set up the bottom beams and the column.①、②-1、②-2,Important: do NOT lock the nails at this step!

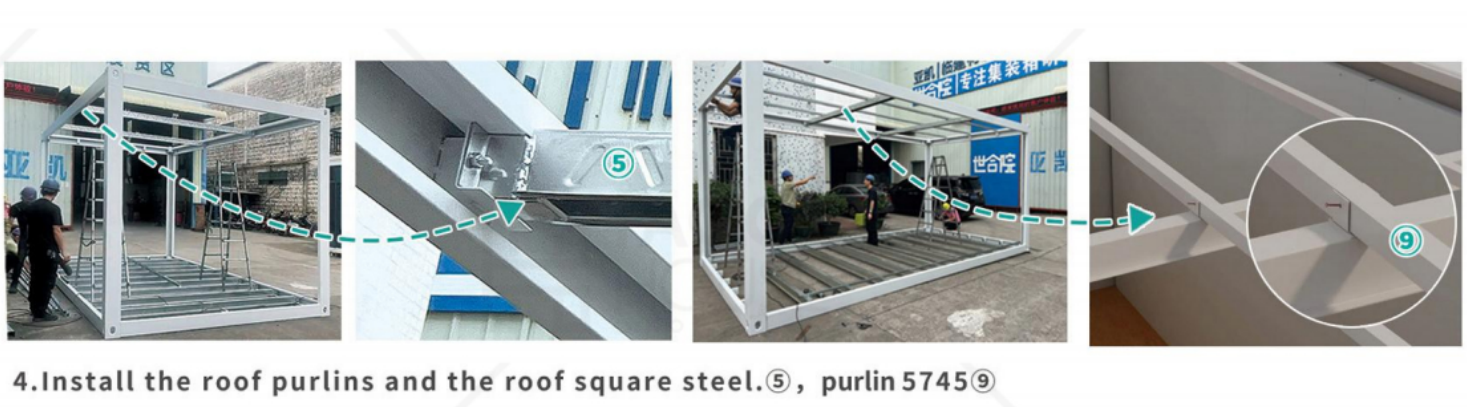


2.Connect the top beams to the column and fix them with the nails as picture③-2 、③-1
Important: do NOT lock the nails at this step!

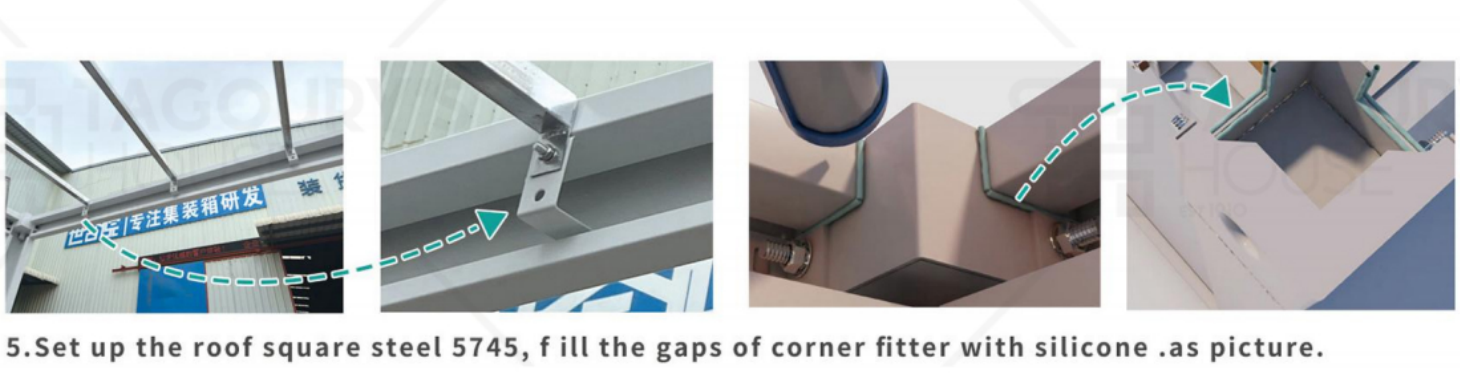


3.Assemble the bottom
Make the Diagonal and Vertical, make sure the box is squarely, measure the Diagonal lines of two sides make sure they are the same length. If not, please adjust ,After then lock the nails.

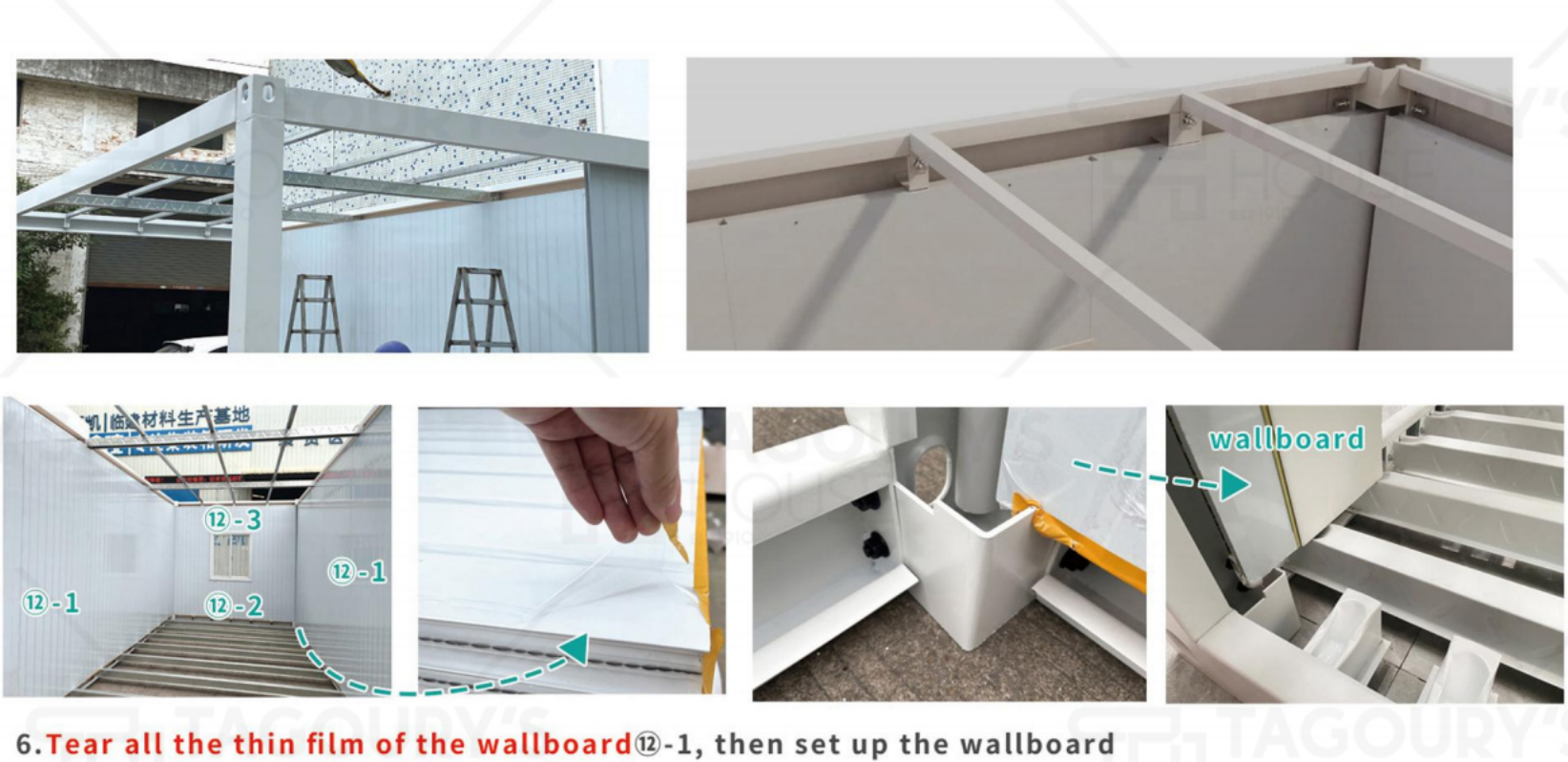




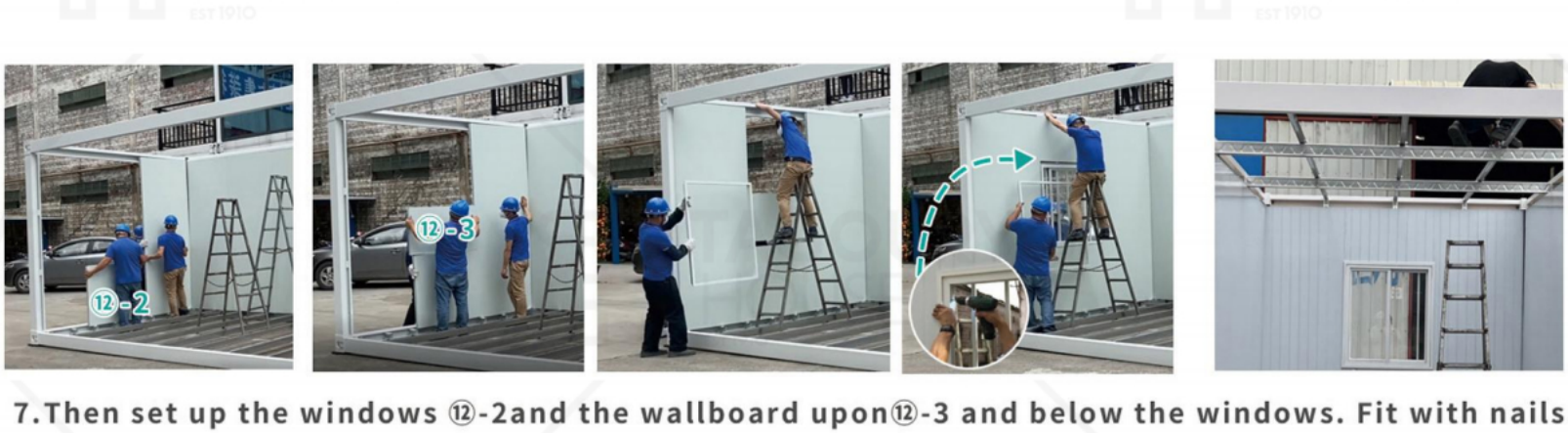
4.Install the roof purlins and the roof square steel.⑤，purlin 5745⑨



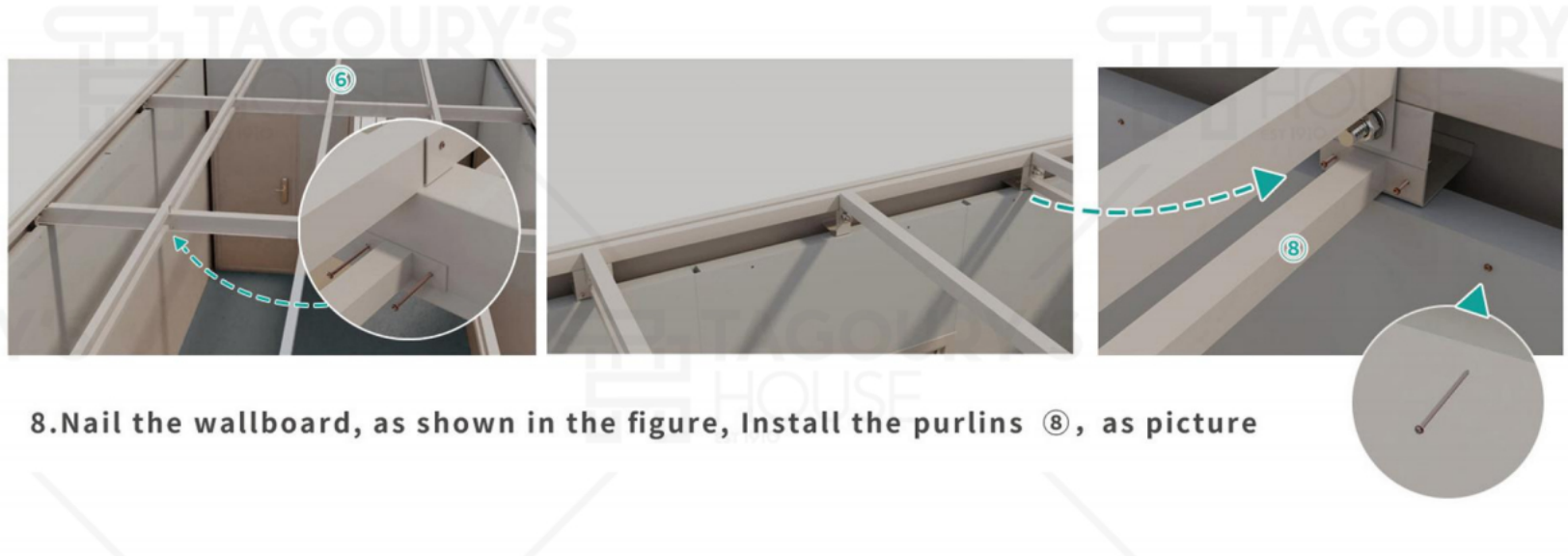
5.Set up the roof square steel 5745, f ill the gaps of corner fitter with silicone .as picture.



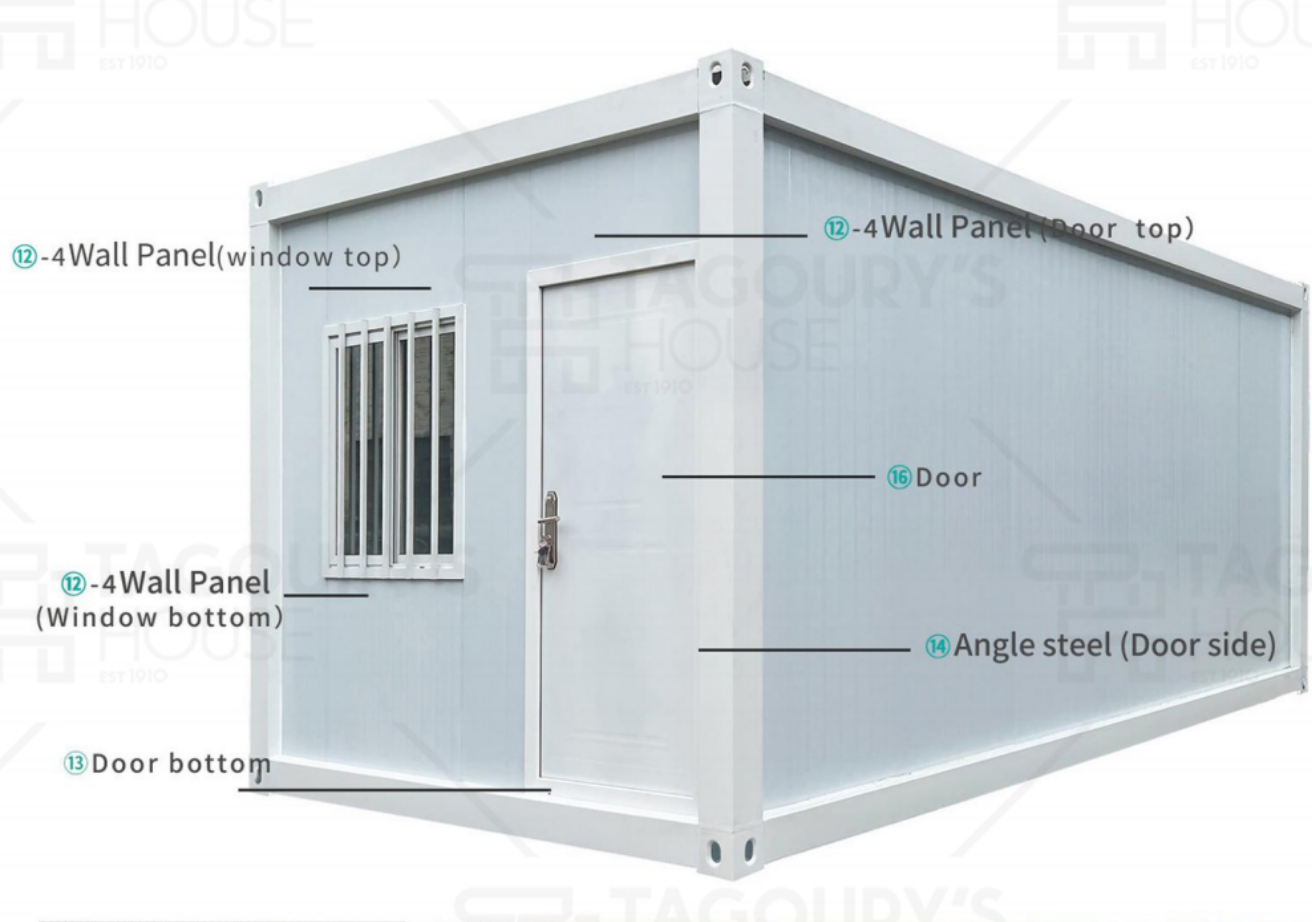
6.Tear all the thin film of the wallboard⑫-1, then set up the wallboard

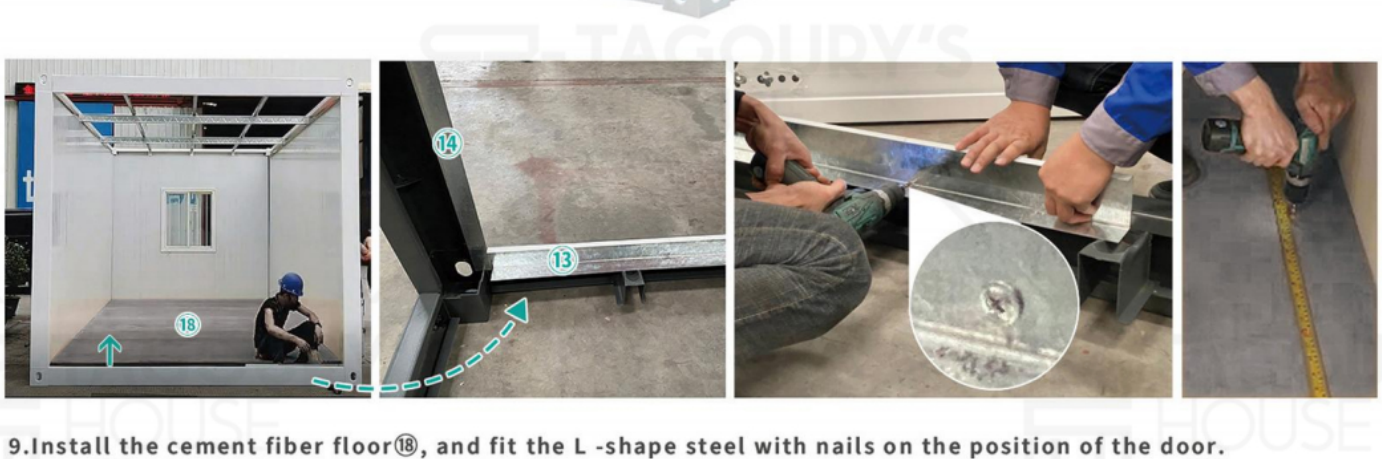


7.Then set up the windows ⑫-2and the wallboard upon⑫-3 and below the windows. Fit with nails.

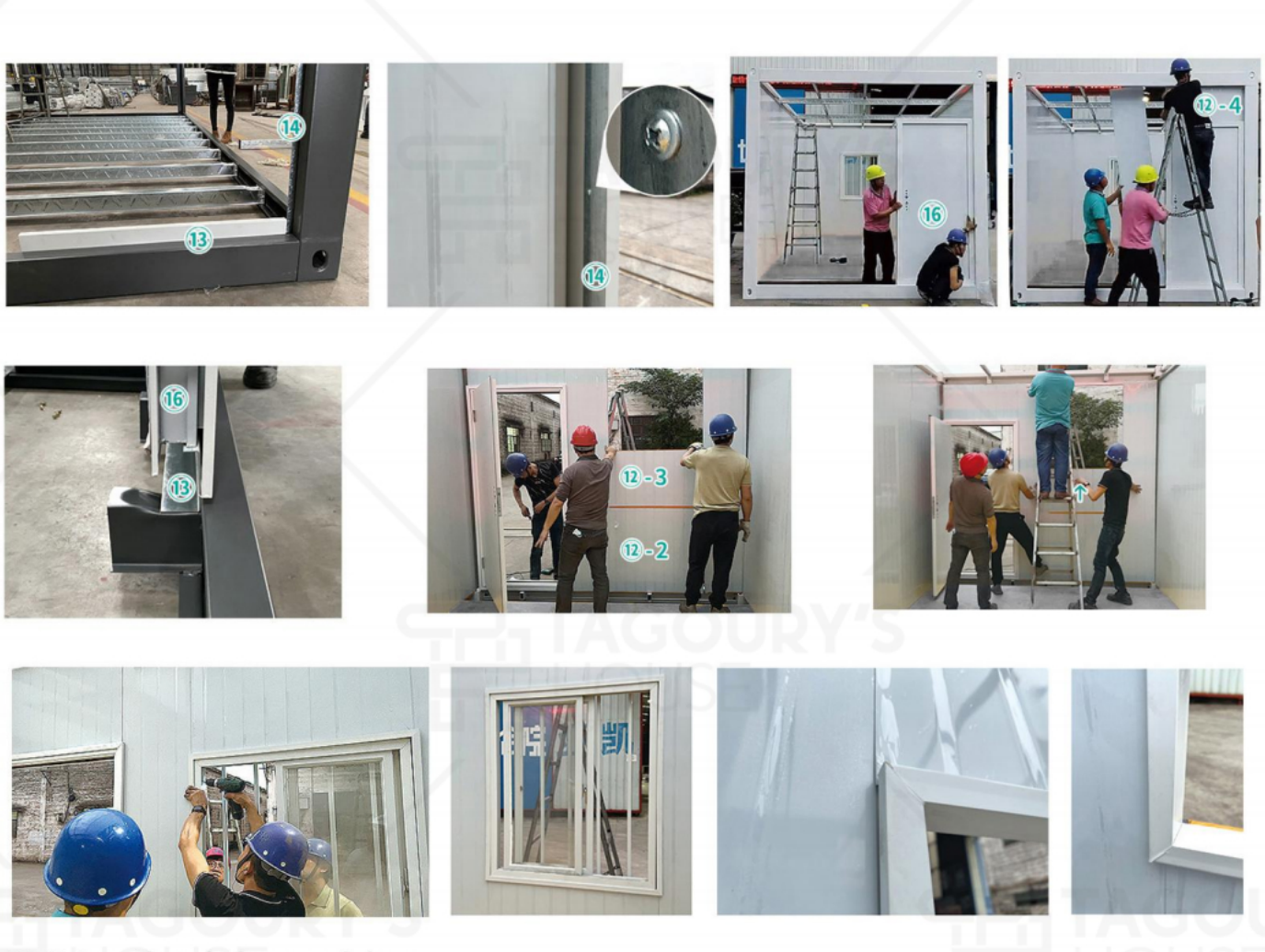


8.Nail the wallboard, as shown in the figure, Install the purlins ⑧，as picture

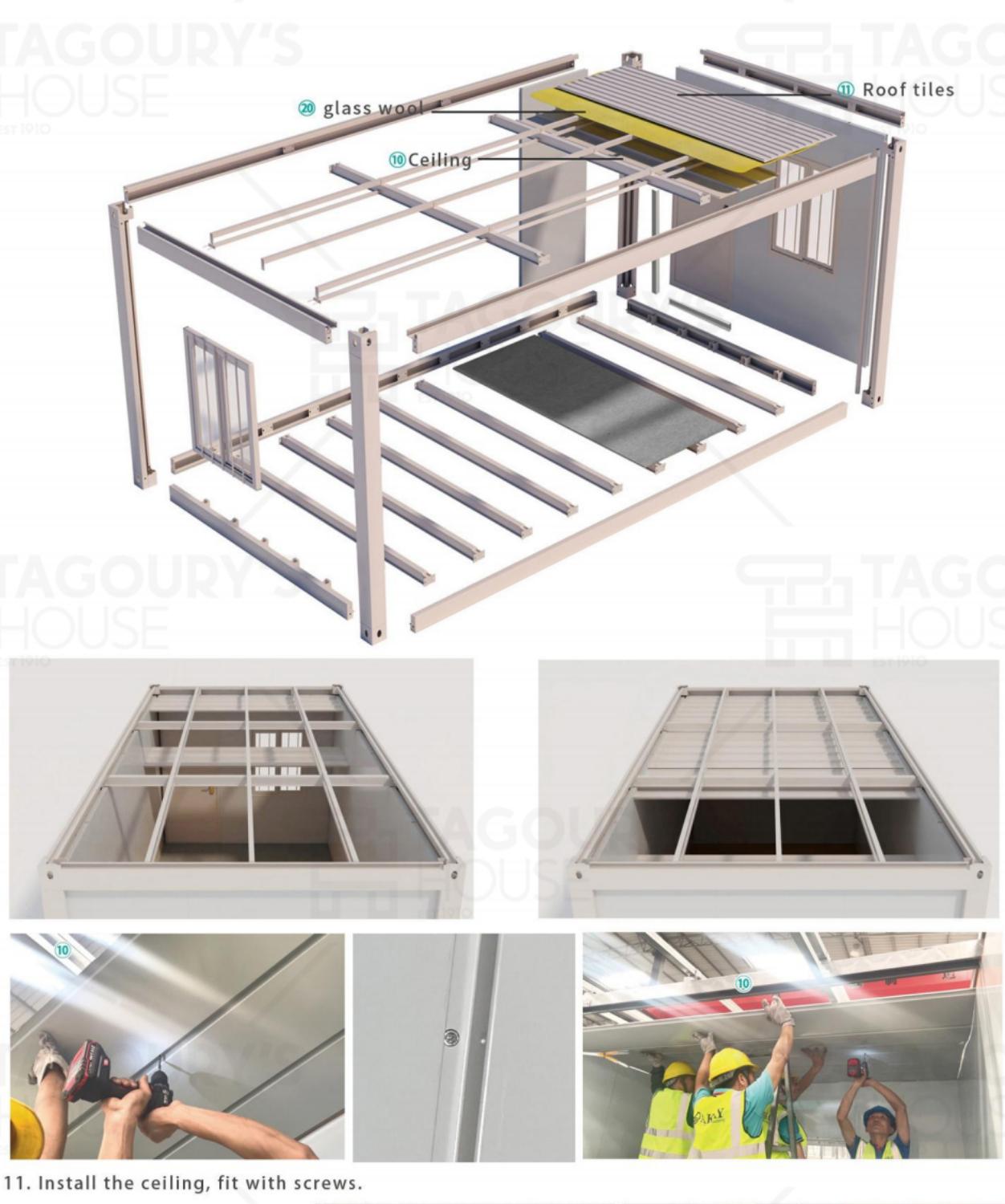




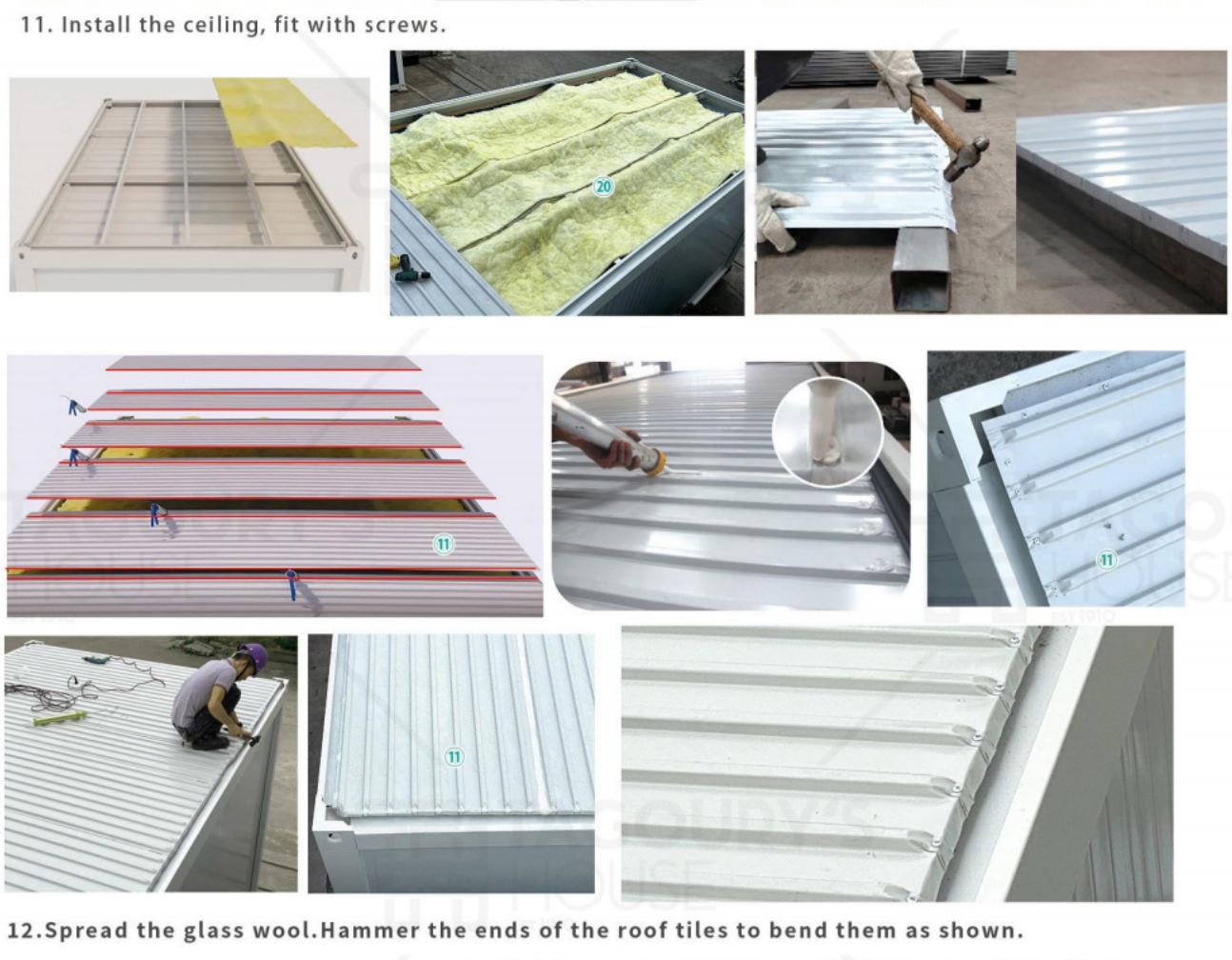
9.Install the cement fiber floor⑱, and fit the L -shape steel with nails on the position of the door.



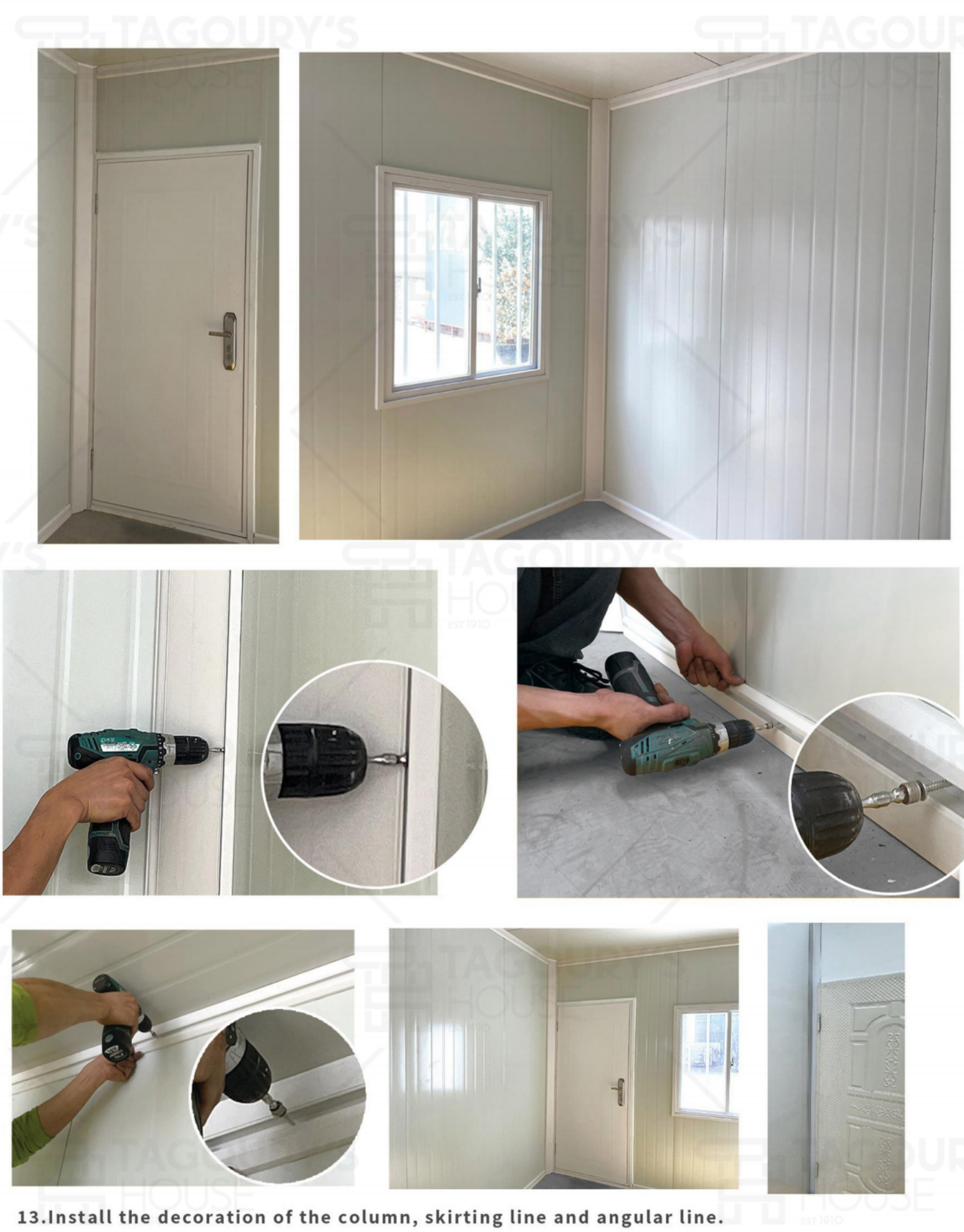
10.Set up the windows and doors



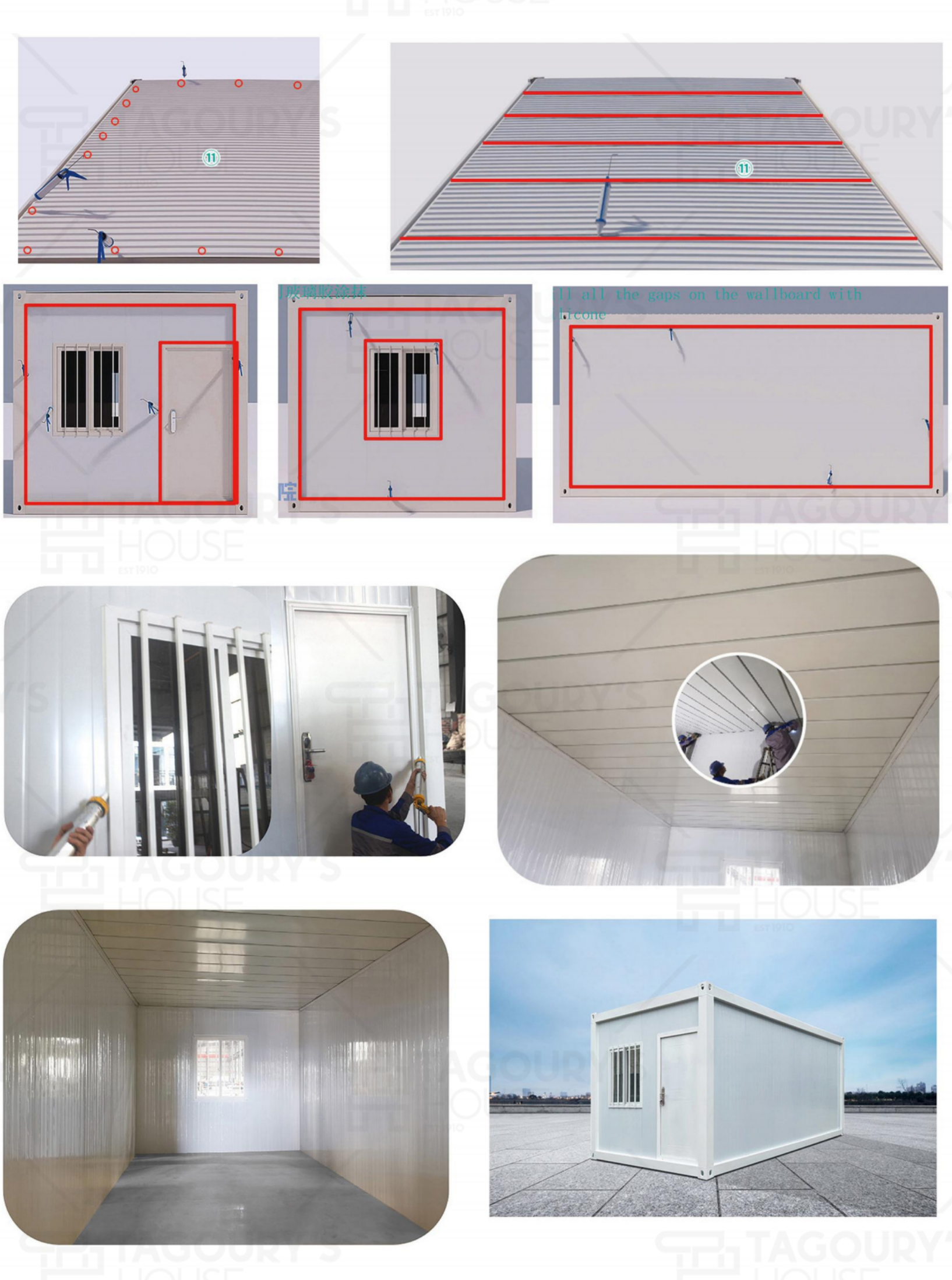
11. Install the ceiling, fit with screws.



12.Spread the glass wool.Hammer the ends of the roof tiles to bend them as shown.
each two pieces of tiles should be overlapped 1 corrugation, and fill the gap with silicone.
Then bend the other side of the tiles.



13.Install the decoration of the column, skirting line and angular line.
Fit the floor with screws.



14.Fill all the gaps and rivets with silicone.