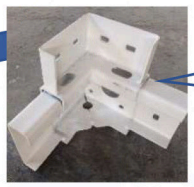
Installation Manual

安装手册

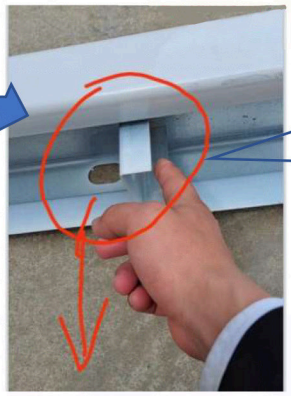
ASSEMBLE THE FRAME
框架组装



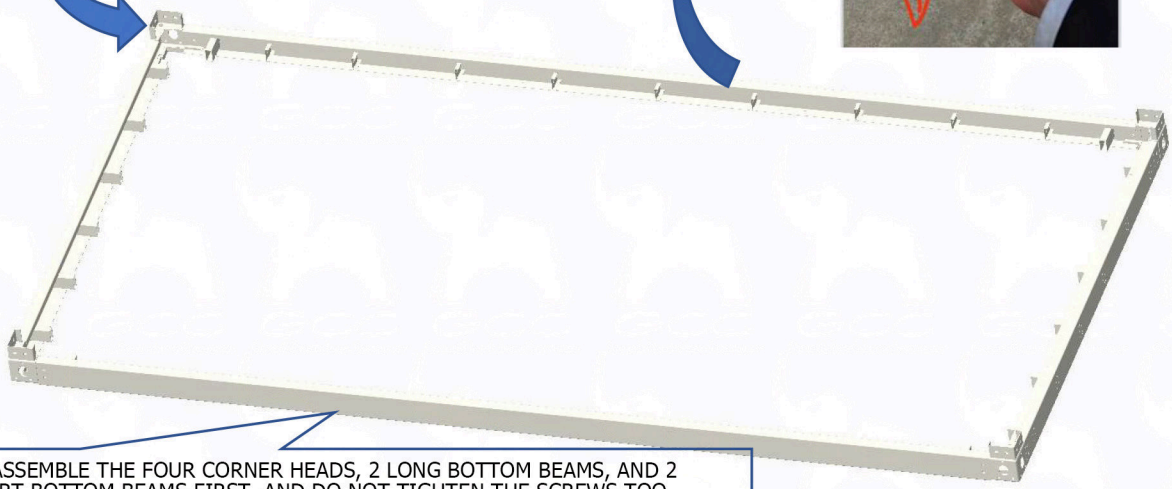
A TOTAL OF 64 ROUND HEAD CARRIAGE SCREWS + NUTS EACH
圆头马车螺丝+螺母共各 64 个



A TOTAL OF 64 ROUND HEAD CARRIAGE SCREWS + NUTS EACH
角头，共 8 个，上下梁各用 4 个



MUST PAY ATTENTION THE SIDE WITH DRAIN HOLES IS FACING DOWN
一定要注意有排水孔的一面朝下



1). ASSEMBLE THE FOUR CORNER HEADS, 2 LONG BOTTOM BEAMS, AND 2 SHORT BOTTOM BEAMS FIRST, AND DO NOT TIGHTEN THE SCREWS TOO TIGHTLY. THE DIFFERENCE BETWEEN THE BOTTOM BEAM AND THE TOP BEAM IS A PIPE CLAMP FOR BOTTOM BEAM WELDING, WHICH IS USED TO SUPPORT THE FLOOR AND WALL PANELS.

1）、先将四个角头、2 个长底梁、2 个短底梁拼装，螺钉先不要拧太紧。底梁与顶梁的区别是底梁焊用管卡，用于支撑地板和墙板。

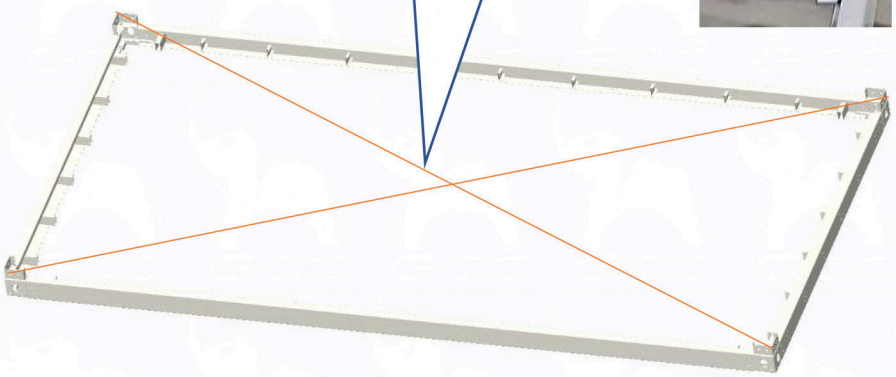
2) CALIBRATE THE LEVEL, MEASURE THE LEVEL OF THE BOTTOM BEAM WITH A SPIRIT LEVEL,IF IT IS NOT LEVEL, IT MEANS THAT THE GROUND IS NOT LEVEL. YOU CAN SHIM IRON BLOCKS OR THE WOOD CHIPS LEVEL THE BOTTOM BEAM.

2）、校准水平，用水平仪测量底梁的水平，不平整的话说明地面不平，可以垫铁块或木片使底梁达到水平。



3) MEASURE DIAGONALLY, MEASURE THE TWO CORNERS WITH TAPE MEASURE,IF THEY ARE NOT THE SAME, YOU CAN TWIST THE BOTTOM BEAM AND ANGLE HEAD (BECAUSE THE SCREW THE NAIL IS NOT TIGHTENED, SO IT CAN BE ADJUSTED), HOW MANY
IT WILL BE FASTENED APPROXIMATELY LATER.

3）、对角线测量，两地角线用卷尺测量，如果不相等可以扭动底梁和角头（因为螺钉还没拧紧，所以可以调的），调整达到几乎相等后将螺钉拧紧



TOOLS THAT MEET THE SPECIFICATIONS MUST BE USED, OTHERWISE THE EQUIPMENT WILL BE DAMAGED.

必须使用符合规格的工具，否则会损坏设备。



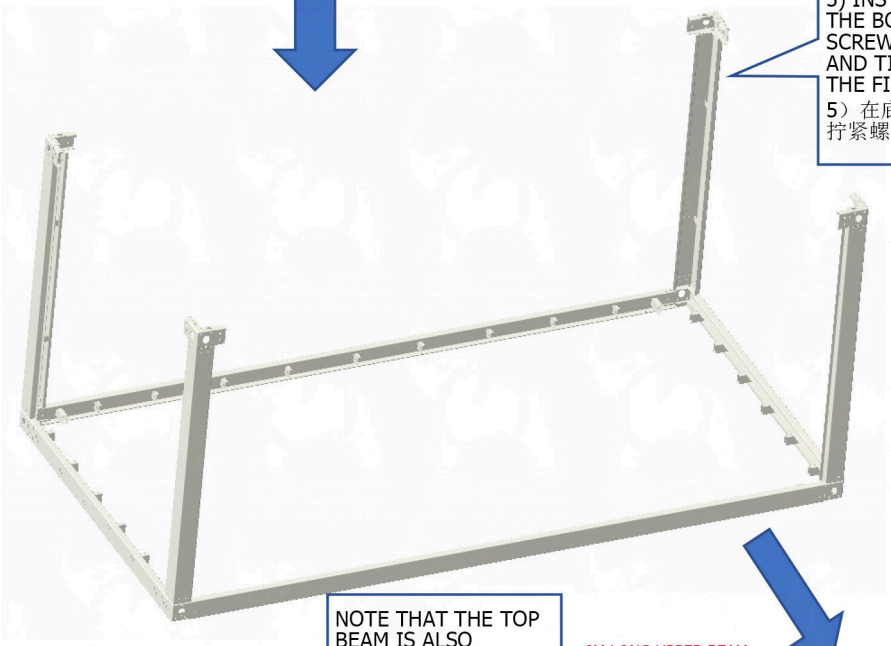
ASSEMBLE THE FRAME
框架组装

4) USE THE ROUND HEAD CARRIAGE SCREW + NUT TO SCREW THE CORNER HEAD ONTO THE CORNER POST, BUT NOT TOO TIGHT. A TOTAL OF 4 CORNER POSTS ARE INSTALLED WITH CORNER HEADS.

4) 使用圆头马车螺丝+螺母将角头拧到角柱上，但不要拧得太紧。 总共安装了4根角柱，角头。

5) INSTALL THE 4 CORNER POSTS ON THE BOTTOM BEAM, SCREW UP THE SCREWS IN A SEMI-TIGHT STATE, AND TIGHTEN THEM AGAIN AFTER THE FINAL ADJUSTMENT.

5）在底梁上安装4个角柱，在半紧状态拧紧螺丝，最后调整好后再拧紧。

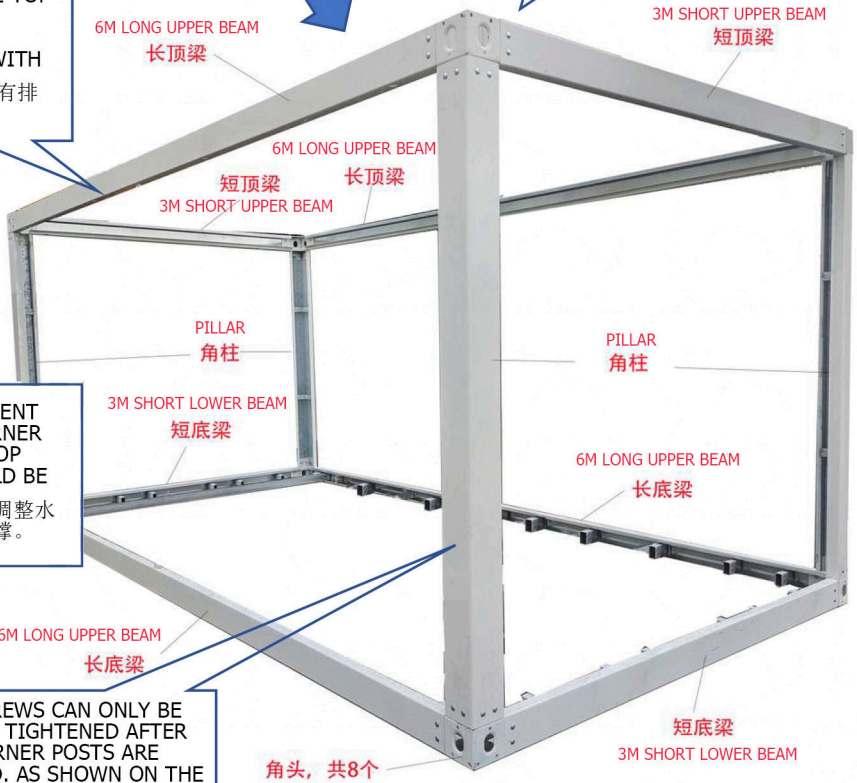


6) LIFT THE TOP BEAM, SCREW UP THE SCREWS IN A SEMI-TIGHT STATE, AND THEN ADJUST THE LEVEL, AND FINALLY TIGHTEN ALL THE SCREWS AFTER THE LEVEL IS ADJUSTED. COMPLETE THE FRAME COMPONENTS AS SHOWN IN THE

6) 抬起顶梁，在半紧状态拧紧螺丝，然后调整水平，调整水平后最后将所有螺丝拧紧。 如下图所示完成框架组件。

NOTE THAT THE TOP BEAM IS ALSO FACING DOWNWARDS WITH

注意顶梁也朝下有排水孔





THE ADJUSTMENT LEVEL OF CORNER POSTS AND TOP BEAMS SHOULD BE

角柱和顶梁的调整水平应由铁管支撑。

THE SCREWS CAN ONLY BE FINALLY TIGHTENED AFTER THE CORNER POSTS ARE LEVELED. AS SHOWN ON THE

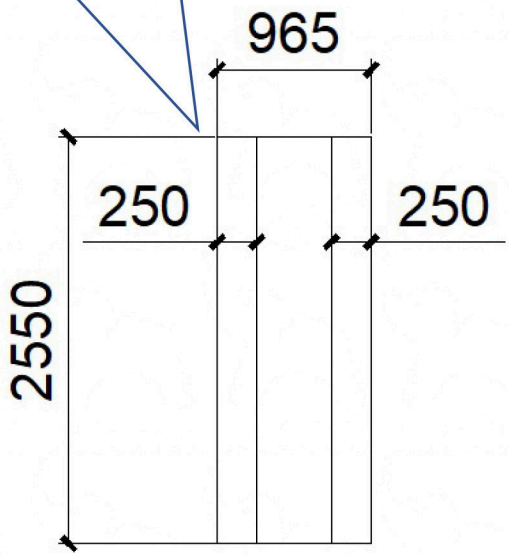
待角柱调平后，才能最终拧紧螺丝。 如左图所示

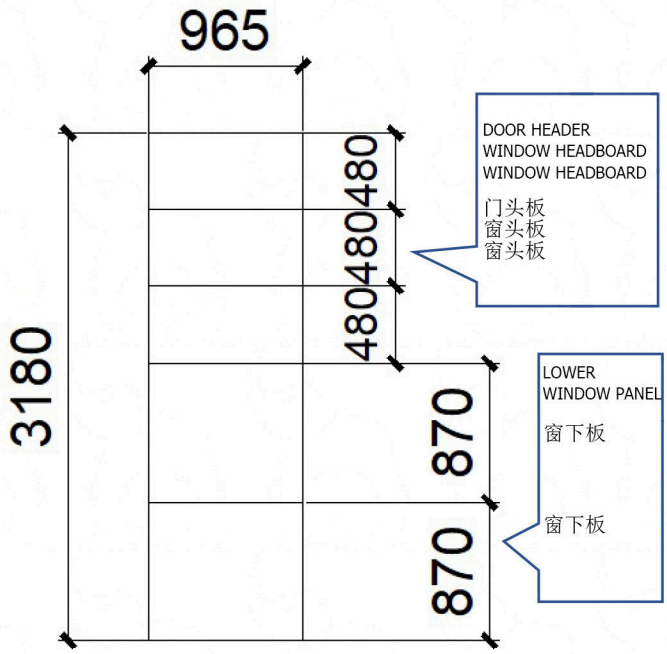
CUT WALL PANELS
裁剪墙板

7) AFTER DISASSEMBLING THE FRAME SUPPORT, USE A CUTTING MACHINE TO CUT THE WALLBOARD. DO NOT CUT THE WALLBOARD BY MISTAKE.
7）拆除框架支撑物后，用切割机裁墙板，裁墙板千万不要裁错。



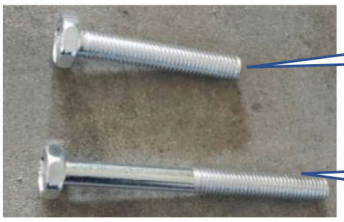
FOR CUTTING AND TAILORING, THE SIZE CAN ALSO BE ADJUSTED ACCORDING TO ACTUAL NEEDS.
切裁两次，尺寸也可以根据实际需要调整。靠梁边的到时候安装窄的。





INSTALL THE BOTTOM SQUARE TUBE AND ANTI-WIND COLUMN

安装底部方管和防风柱

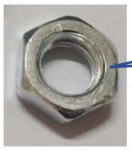


HEXAGONAL SCREWS M10*60, 10 IN TOTAL, USED TO TIGHTEN AND FIX THE 40*80 SQUARE TUBE

六角螺钉M10*60，共 10 个，用于拧紧固定 40*80 的方管

HEXAGONAL SCREWS M10*100, 8 IN TOTAL, USED TO TIGHTEN AND FIX THE 80*80 SQUARE PIPE

六角螺钉M10*100，共 8 个，用于拧紧固定 80*80 的方管



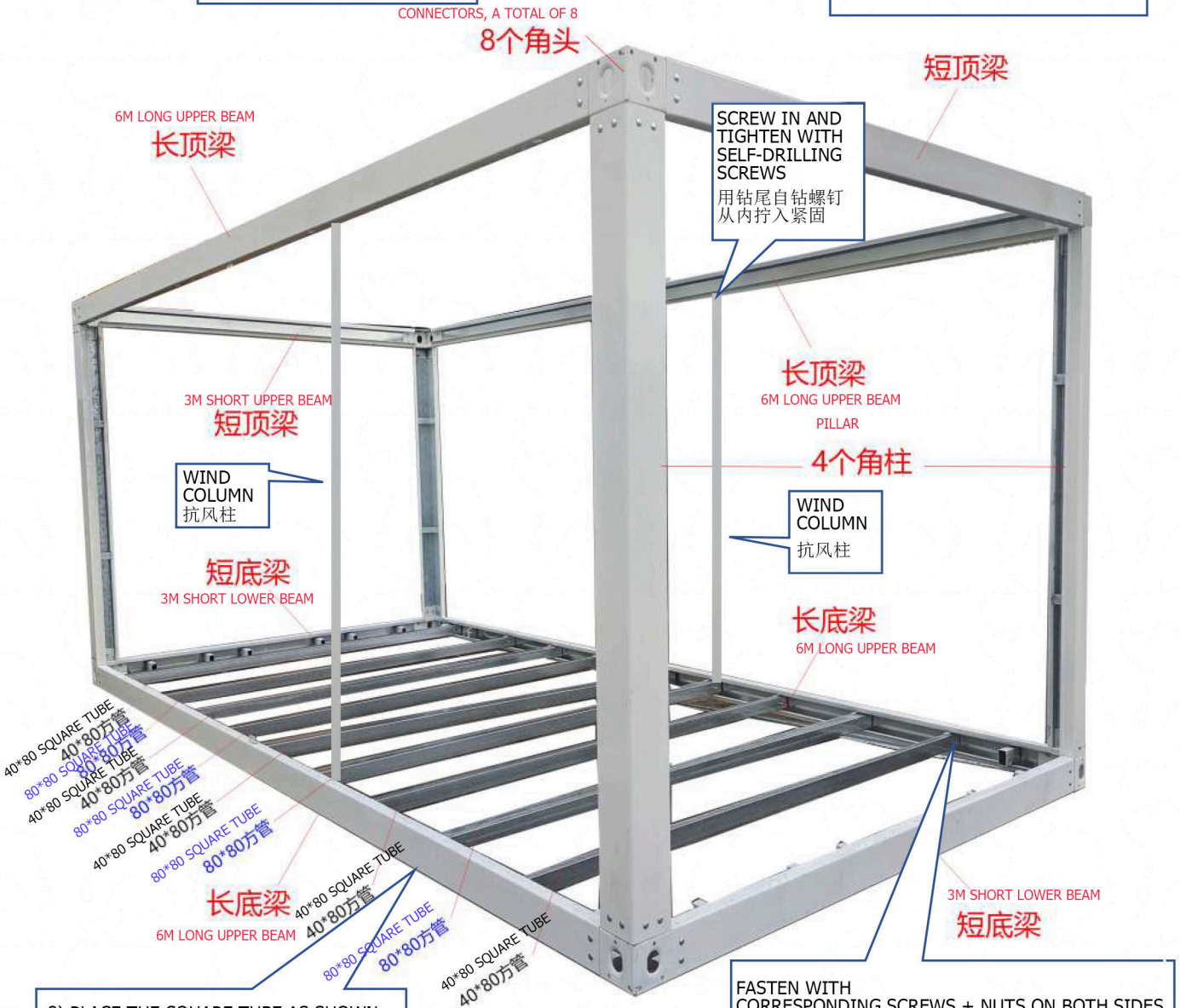
HEX NUT M10, TOTAL OF 18

六角螺母M10，共18个



SELF-DRILLING SCREW ST4*13
THERE ARE 8 IN TOTAL, EACH WITH TWO UPPER AND LOWER ONES

钻尾自钻螺钉ST4*13
共 8 个，每条用上下各两个

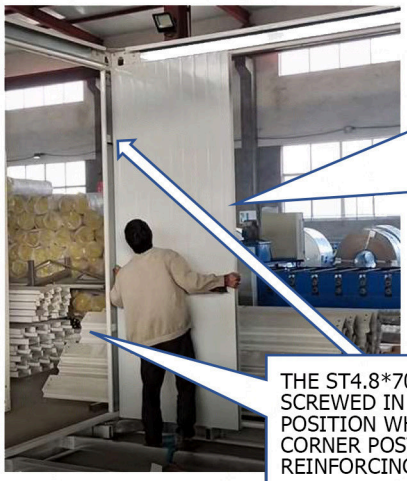


8) PLACE THE SQUARE TUBE AS SHOWN IN THE FIGURE, AND TIGHTEN IT WITH THE CORRESPONDING SCREW AND NUT, AND THEN PLACE IT IN THE TWO LONG BEAMS INSTALL AN ANTI-WIND COLUMN ON EACH SIDE.

8)按图示将方管放置好，并用相应螺钉加螺母拧紧，再在长梁两内侧各安装一根抗风柱。

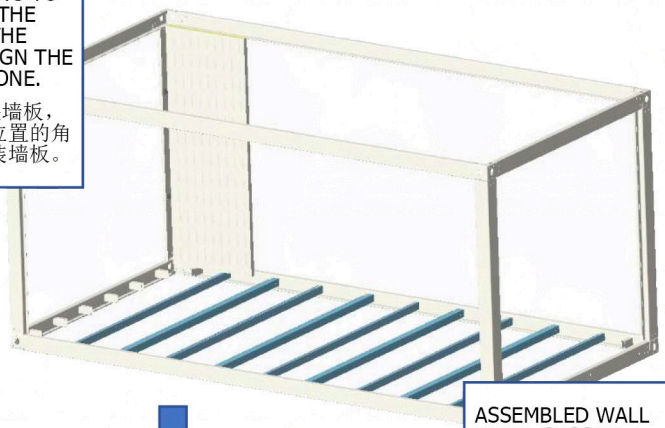
INSTALL WINDOWS AND WALL PANELS

安装窗户和墙板



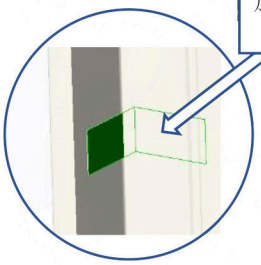
9). INSTALL THE FIRST WALL PANEL AT THE CORNER FIRST, FASTEN IT WITH SCREWS TO THE CORNER POST AT THE POSITION SHOWN IN THE FIGURE, AND THEN ALIGN THE WALL PANELS ONE BY ONE.

9）、先装角落处第 1 块墙板，用螺钉拧紧固定到图示位置的角柱处，然后一一对齐卡装墙板。



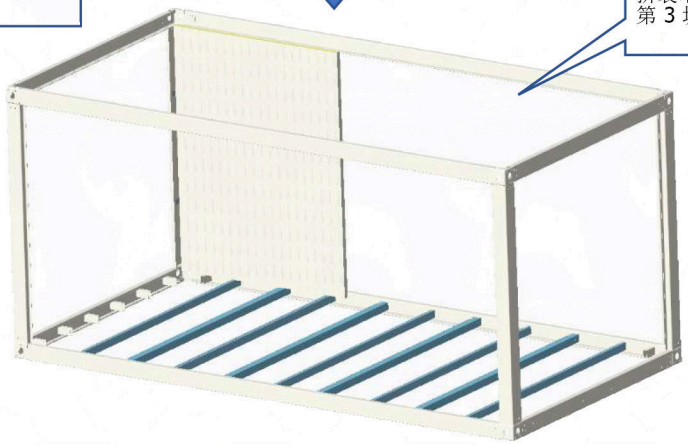
THE ST4.8*70 SCREW IS SCREWED IN FROM THE POSITION WHERE THE CORNER POST HAS A REINFORCING PIECE

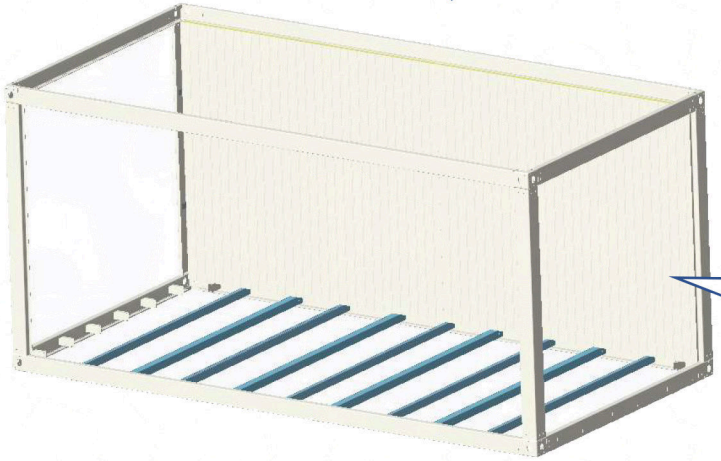
ST4.8*70 螺钉从此角柱有加固片的位置拧入

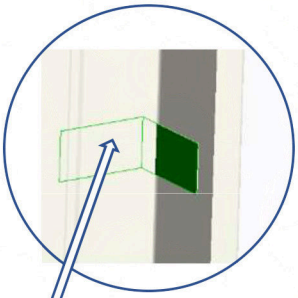


ASSEMBLED WALL PANEL SECOND BLOCK,BLOCK 3...

拼装墙板第 2 块、第 3 块.....





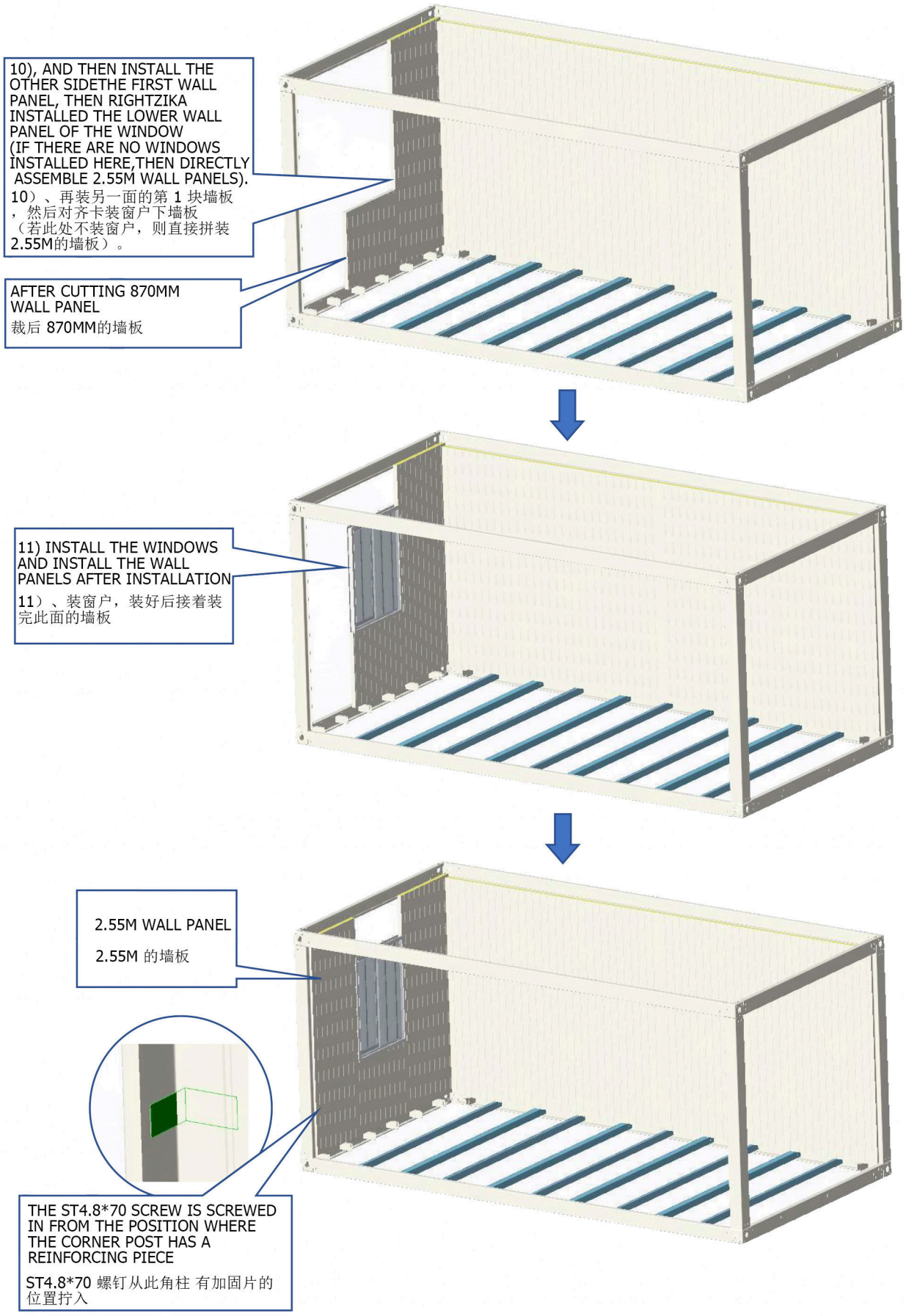


AFTER ALL THE WALL PANELS ARE ASSEMBLED, THE ST4.8*70 SCREWS ARE SCREWED IN FROM THE POSITION WHERE THE CORNER POSTS HAVE REINFORCING PIECES.

此面墙板全部拼好后，ST4.8*70 螺钉从此角柱有加固片的位置拧入

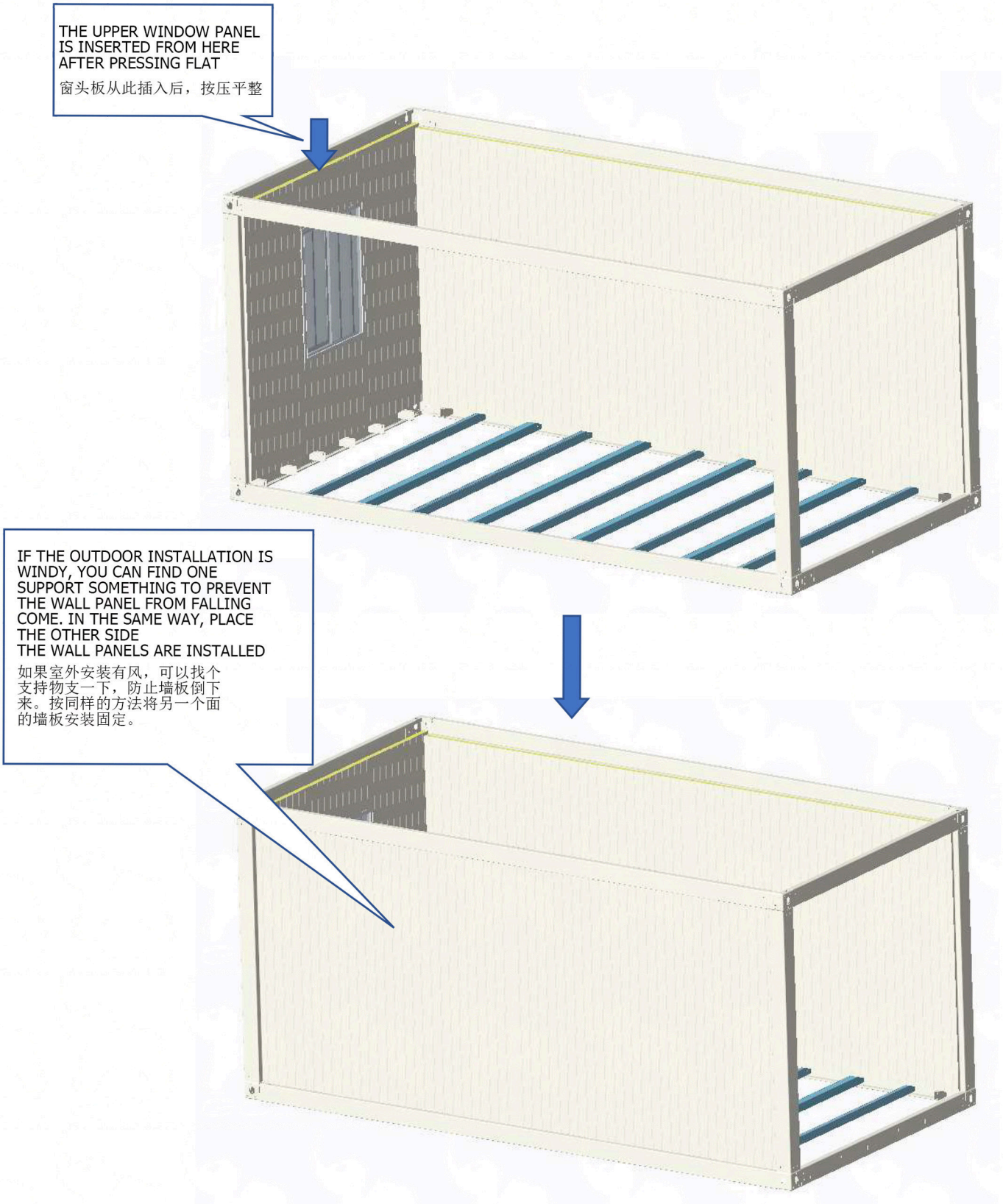
INSTALL WINDOWS AND WALL PANELS

安装窗户和墙板



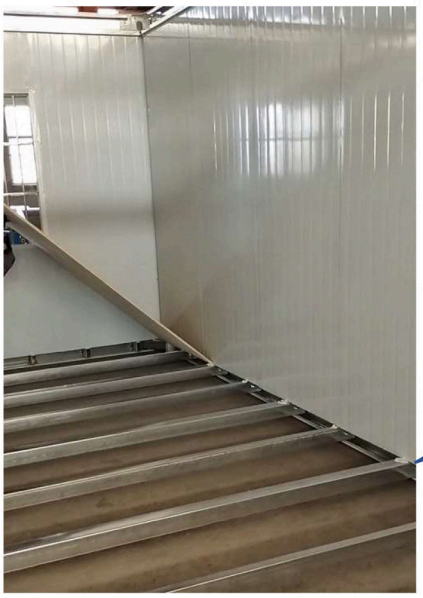
INSTALL WINDOWS AND WALL PANELS

安装窗户和墙板



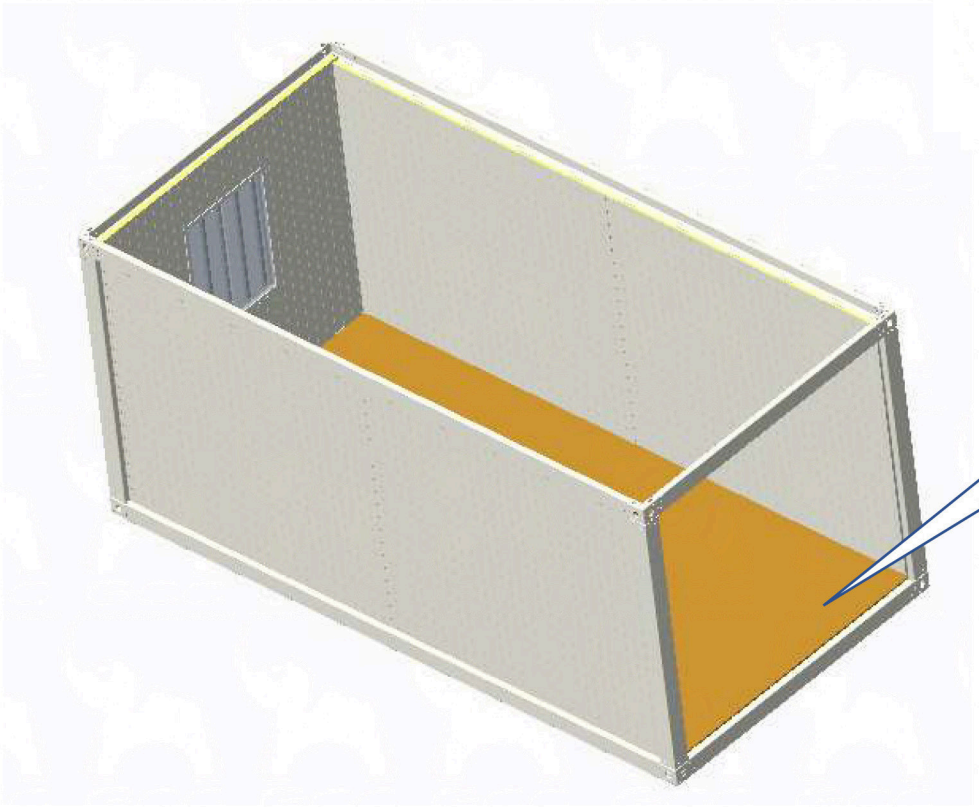
INSTALL THE FLOOR

安装地板



12). INSTALL THE FLOOR, YOU CAN INSTALL THE SUPPORTING FLOOR APPLY A PROPER AMOUNT OF WATERPROOF GLUE ON BOTH ENDS OF THE SQUARE PIPE, AND THEN PUT THE FLOOR
SHOP ONE BY ONE, PAY SPECIAL ATTENTION TO THE FIRST PIECE MUST BE INSTALLED WITHSTAND THE INNER WALL PANEL IN PLACE, IF THERE ARE GAPS, THE MOST THE WALL PANEL ON THE BACK SIDE WILL NOT FIT IN.

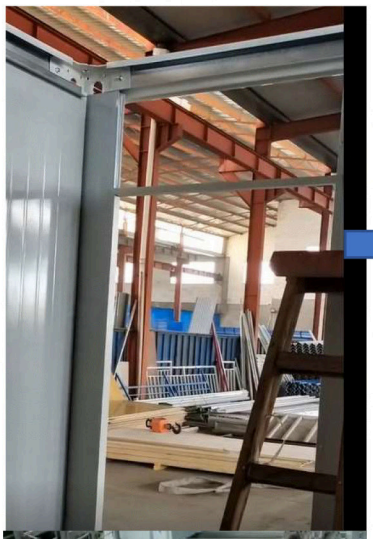
12）、安装地板，可以将安装支撑地板的方管两头涂适量的防水胶，然后将地板一一铺上，特别要注意第一块必须安装顶住内墙板到位，若余留有缝隙的话，最后一面的墙板会装不进去。



AFTER THE FLOORS OF THE FIVE UNITS ARE INSTALLED, USE 4.8*38 SELF-TAPPING SCREWS TO FIX THE FLOOR ON THE SQUARE PIPE.

五块地板安装好后用 4.8*38 自攻螺钉将地 板固定到方管上。

INSTALL THE LAST WALL PANELS AND WINDOWS AND DOORS
安装最后一面的墙板和窗户、门

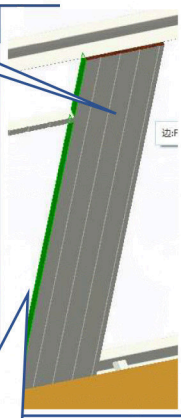




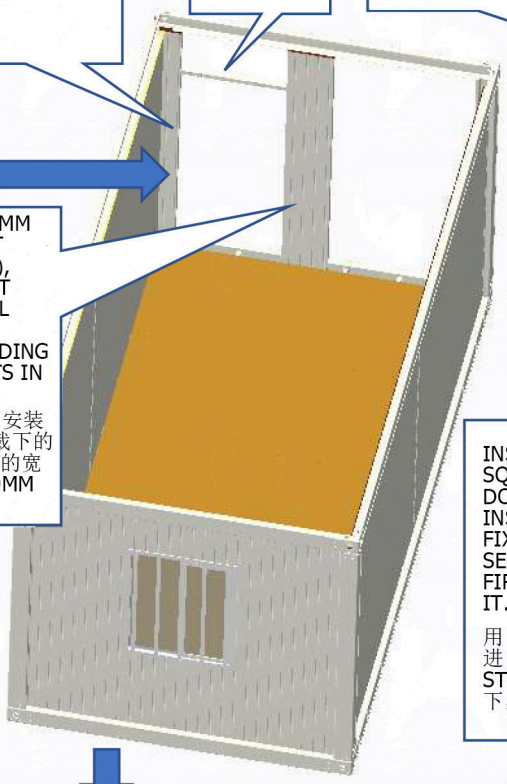
250*2500MM WALL PANEL (NARROW WALL PANEL CUT)
250*2500MM 墙板（裁下的窄墙板）

DOOR FRAME
门框

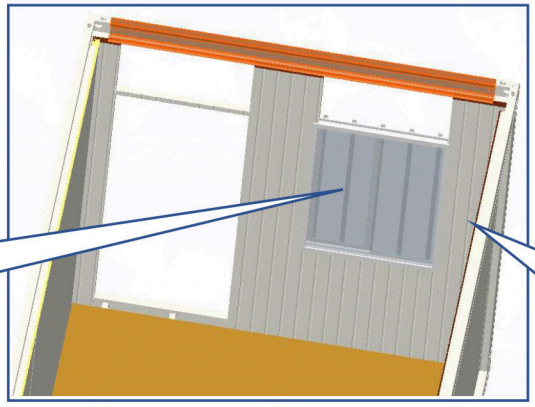
CUT WIDE WALL PANELS
裁下的宽墙板

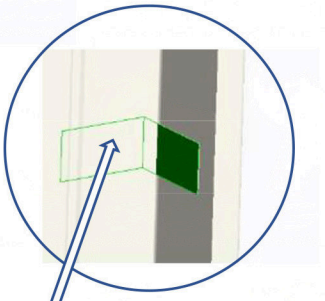


13) INSTALL 250*2500MM WALL PANEL (CUT OUT NARROW WALL PANEL), DOOR FRAME, AND CUT OUT WIDE WALL PANEL (ADD 20*40*2550MM SQUARE TUBE) ACCORDING TO THE REQUIREMENTS IN THE PICTURE.
13）、按图示要求依次 安装 250*2500MM 墙 板（裁下的窄墙板）、 门框、裁下的宽墙板 （加 20*40*2550MM 方管）。



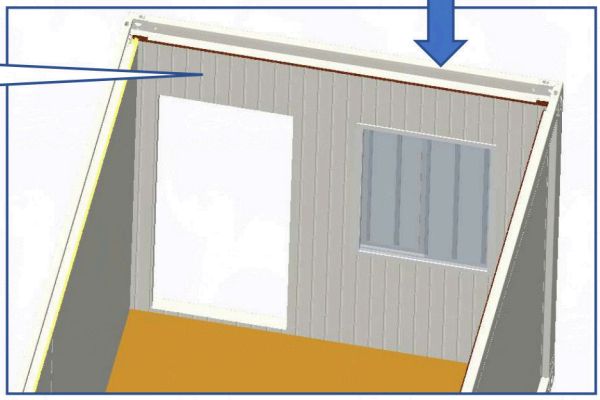
INSERT A 20*40*2550MM SQUARE PIPE INTO THE DOOR FRAME INSTALLATION PLACE TO FIX IT WITH ST4*13 SELF-TAPPING SCREWS FIRST, AND THEN INSTALL IT.
用 20*40*2550MM 方管 塞进门框安装处，用以先 用 ST4*13 的自攻螺钉固 定一下，再安装。





14). INSTALL WINDOW LOWER PANELS, WINDOWS AND WINDOW SIDE PANELS (CUT OUT NARROW WALL PANELS).
14）、再安装窗下板、窗户、 窗侧板（裁下的窄墙板）。

AFTER ALL THE WALL PANELS ARE PUT TOGETHER, THE ST4.8*70 SCREWS ARE SCREWED IN FROM THE POSITION WHERE THE CORNER POSTS HAVE REINFORCEMENT PIECES.
此面墙板全部拼好后，ST4.8*70 螺钉从此角柱 有加固片的位置拧入



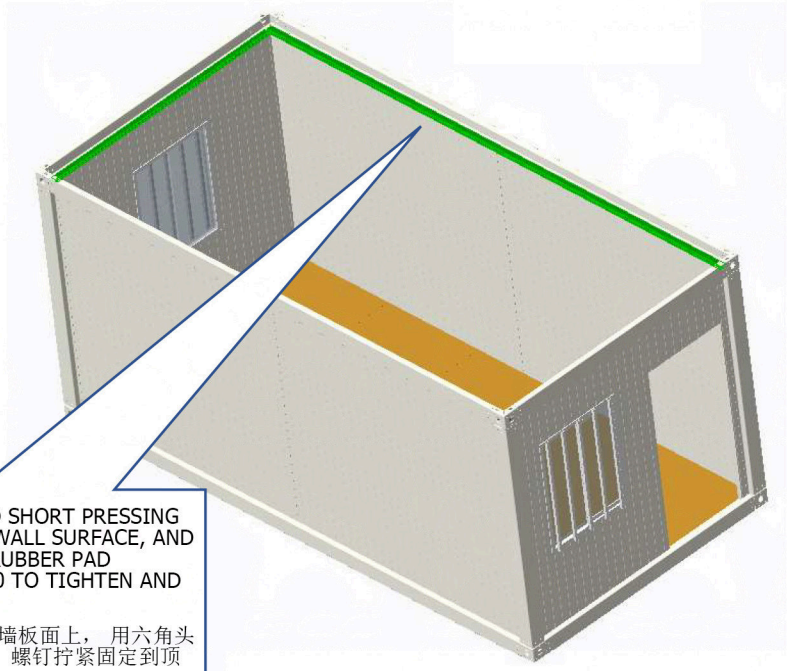
15). THEN INSTALL THE WINDOW AND DOOR HEADBOARDS. PRESS FLAT.
15）、接着安装窗头板、 门头板。按压平整。

INSTALL THE PRESSURE PLATE GROOVE
安装压板槽



16). THE LONG TWO-PIECE PRESSURE PLATE GROOVE IS AFFIXED TO THE SEALING STRIP ACCORDING TO THE INDICATED POSITION. THE SEALING STRIP IS MADE OF DOUBLE-SIDED TAPE, TEAR OFF A LITTLE AND STICK A LITTLE, AND THE STICKER IS REQUIRED TO BE FLAT.

16）、长的两片压板槽按示位置贴 密封条，密封条是带双面胶的， 边贴边撕，要求贴平整。



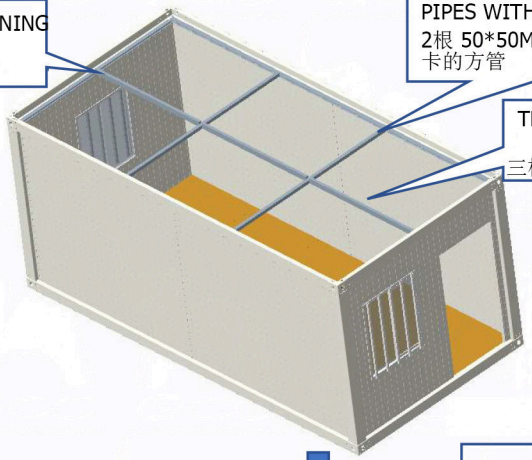
17) INSTALL THE TWO LONG AND SHORT PRESSING PLATE GROOVES ON THE INNER WALL SURFACE, AND USE THE HEXAGON HEAD WITH RUBBER PAD SELF-DRILLING SCREWS ST4.5*20 TO TIGHTEN AND FIX TO THE TOP BEAM

17）、长短各两片压板槽安装到内墙板面上， 用六角头带胶垫钻尾自钻螺钉 ST4.5*20 的 螺钉拧紧固定到顶梁上



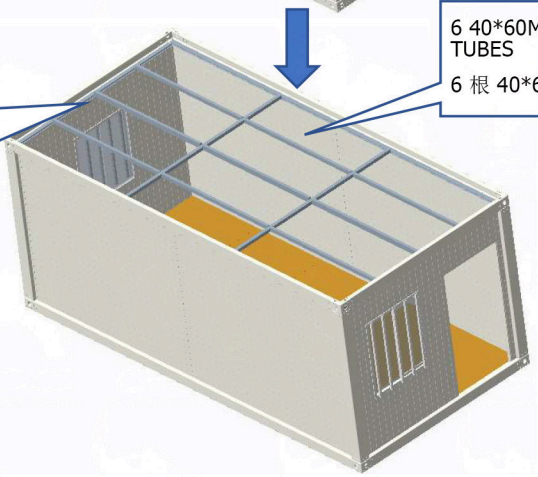
SCREW TIGHTENING
螺丝拧紧

SCREW TIGHTENING
螺丝拧紧



TWO 50*50MM*2.8M SQUARE PIPES WITH CARD SLOTS
2根 50*50MM*2.8M 长焊有管卡的方管

THREE 40*80MM SQUARE TUBE
三根 40*80MM的方管



6 40*60MM SQUARE TUBES
6 根 40*60MM 的方管

18), INSTALL THE TOP PURLIN (SQUARE TUBE), INSTALL FIRST 50*50MM*2.8M LONG WELDED WITH PIPE CLAMPS, THEN PUT THREE 40*80MM ONES IN THE MIDDLE PUT A TOTAL OF 6 PIECES OF 40*60MM ON BOTH SIDES, ALL CONNECTIONS INCLUDING A HEXAGONAL HEAD WITH RUBBER PAD DRILL AT THE CONNECTION WITH THE PRESSURE PLATE GROOVE
TIGHTEN AND FIX THE SELF-DRILLING SCREWS ST4.5*20.

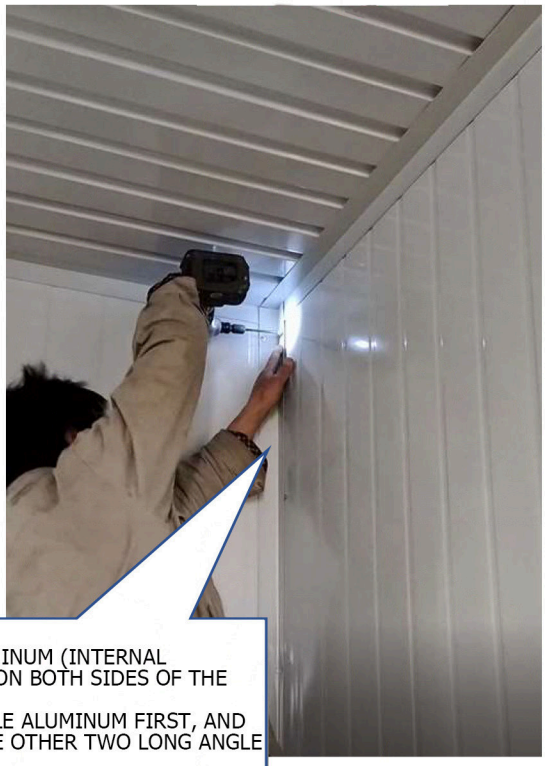
18）、安装顶部標条（方管）， 先安装 50*50MM*2.8M 长焊有管卡的， 然后中间放三根 40*80MM 的
两边共放 6 根 40*60MM 的,所有连接处包括与压板槽连接处用六角头带胶垫钻尾自钻螺钉 ST4.5*20 的螺钉拧紧固定。

CEILING AND ANGLED ALUMINUM
吊顶和装角铝



19). SUSPEND THE CEILING, INSTALL THE BOTTOM TILE (THIN ONE) UNDER THE TOP PURLIN, AND TIGHTEN IT TO THE SQUARE PIPE WITH THE HEXAGONAL HEAD SELF-DRILLING SCREW ST4.5*20 WITH RUBBER PAD. 2 PEOPLE SCREW THE SCREWS ON BOTH SIDES AT THE SAME TIME, AND 1 PERSON USES A SUPPORT IN THE MIDDLE TO SUPPORT AND ASSIST

19）、吊顶，将底瓦（薄的那种）安装到 顶部檩条下面，用六角头带胶垫钻尾自 钻螺钉 ST4.5*20 的螺钉拧紧到方管上 固定。2 个人在两侧同时拧螺钉，1 个人 用支撑物在中间支撑协助

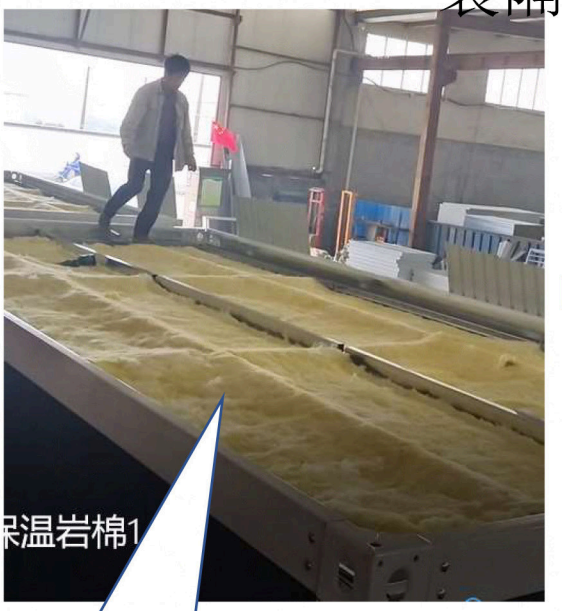


20), ANGLED ALUMINUM (INTERNAL CORNER), SHORT ON BOTH SIDES OF THE TOP
INSTALL THE ANGLE ALUMINUM FIRST, AND THEN INSTALL THE OTHER TWO LONG ANGLE ALUMINUM,
FINALLY, INSTALL THE FOUR ANGLED ALUMINUM AT THE RIGHT CORNERS FOR TIGHTENING

20）、装角铝（阴角），顶部两面短的角铝先安装，再安装另两面长的角铝，最后安装四个直角落的角铝，拧紧用的螺钉用钻尾自钻螺钉 ST4*13



INSTALL INSULATION COTTON, ROOF TILE
装隔热棉、顶瓦



21), A LAYER OF INSULATION COTTON ON THE CEILING TILE

21）、在吊顶瓦上铺一层隔热棉



22). LAY THE ROOF TILES AND TIGHTEN THEM WITH HEXAGON HEAD SELF-DRILLING SCREWS ST4.5*20 WITH RUBBER PADS. WATERPROOF GLUE SHOULD BE APPLIED TO THE GAP BETWEEN THE TWO TILES, AND FINALLY ALL THE SCREWS ON THE TOP TILE SHOULD BE SEALED WITH WATERPROOF GLUE.

22）、铺顶瓦，用六角头带胶垫钻尾自钻螺钉 ST4.5*20 的螺钉拧紧固定。两瓦之间缝隙处要涂防水胶，最后将 顶瓦上的螺钉全部用防水胶封住。



23). INSTALL THE DOOR, SCREW IT TO THE DOOR FRAME, AND PLUG THE HOLE PLUG AFTER INSTALLATION.

23）、安装门，螺钉固定在门框上，装好后塞上 孔塞。



24). INSTALL THE LOCK, INSTALL THE LOCK IN THE DIRECTION OF OPENING AND CLOSING THE DOOR, PAY ATTENTION NOT TO INSTALL IT IN THE WRONG DIRECTION. AFTER INSTALLATION, YOU MUST TEST WHETHER THE LOCKING AND OPENING FUNCTION IS NORMAL.

24）、安装锁，按门开启关闭 的方向装锁，注意方向别装 反了，装好后必须自己测试 锁紧开启功能是否正常。





25) APPLY GLUE, AND APPLY WATER-PROOF GLUE EVENLY AT THE DOOR SEAMS, WINDOW SEAMS, AND THE LOWER EDGE OF THE WALL PANEL (THAT IS, THE CONTACT POINT BETWEEN THE WALL PANEL AND THE BOTTOM BEAM).

25）、打胶水，在门 缝处、窗缝处、墙 板下边缘处（即墙 板与底梁接触处）应 均 匀 打上 防 水 胶水。