

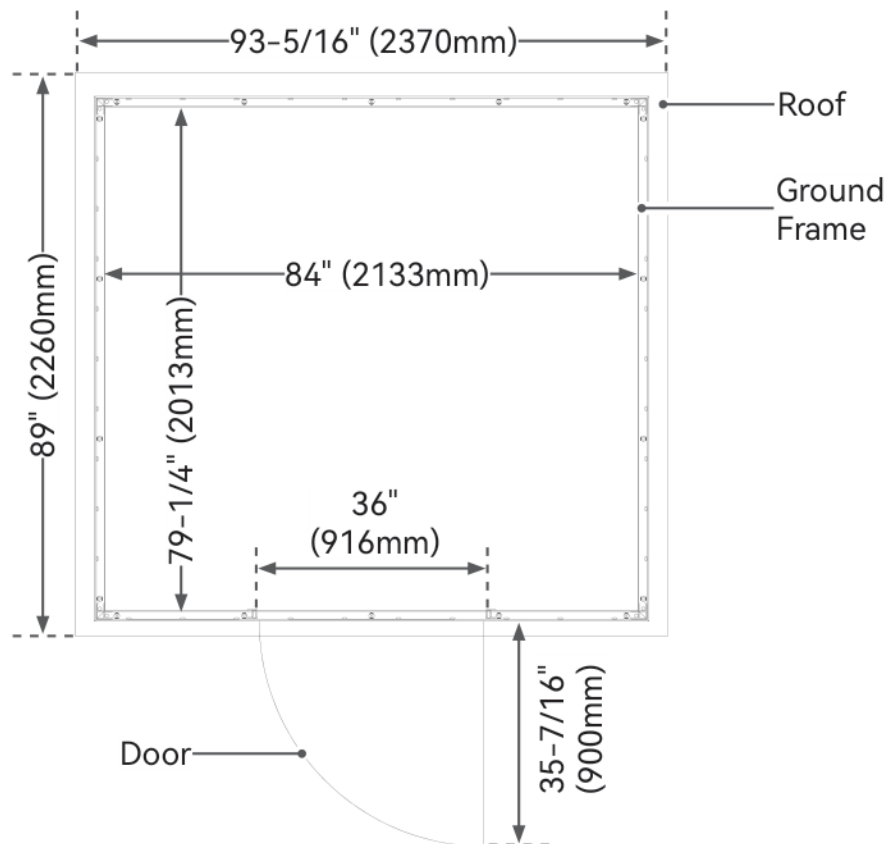
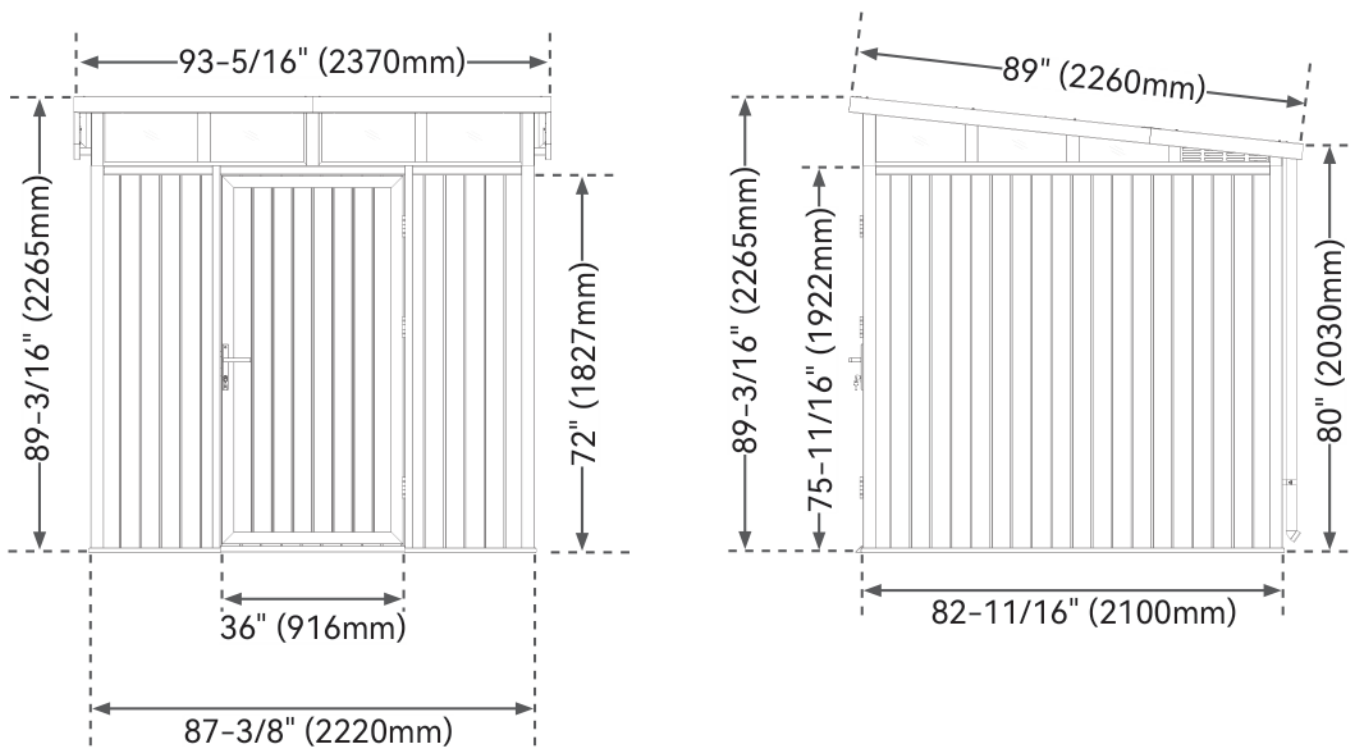
Cella 77



Installation Guide

04.09.26 US





Important Note

Please read all of the instructions before starting

INTENDED USE

- This product is designed for outdoor use and is intended for storing garden tools, and equipment. It is not suitable for housing people or animals or for storing hazardous materials.
- This product is not suitable for commercial use.
- Any other use or modification of this product is considered improper use and can cause significant hazards.

NOTE

- Read all the installation instructions carefully before you begin installing the product.
- This applies, in particular, to the safety instructions.
- Failure to do so may result in injury or damage to the product.
- This product is not a climbing frame for children or a climbing aid. There is a risk of overloading.
- Make sure all necessary parts are available in the specified quantities.
- Carry out the individual installation steps one after the other and in the specified order as shown in the instructions.
- Do not skip or shorten any of the specified steps.
- Keep this instruction guide in a safe place so that you can refer to them again.
- **Plan your installation! If using a ground frame, this must be assembled first.**

GENERAL INFORMATION

- Before beginning installation, ensure that the applicable guidelines / laws are being followed.
- Allow at least 5 - 6 hours for installation.
- At least 2 people are required for installation.
- Choose a clear, sunny surface with no overhanging branches for assembly.

- Before beginning work, check that all parts are present and in the correct quantities. If any parts are missing, please contact NewTechWood.
- Check the individual parts for damage before starting the installation.
- Lay the parts out so that they are easily accessible during installation.
- It is best to keep small parts, such as screws, nuts, etc., in a bowl so that they do not get lost.
- Under no circumstances should you use the product as a support for legumes, climbing, and twining plants, fruit, vegetables, or as a holder for your clothesline.
- Keep the product free of snow and leaves.
- Use the product exclusively as described in these installation instructions.
- The manufacturer or dealer accepts no liability for damage caused by improper or incorrect use.
- Do not place the product directly on grass or uneven surfaces; ensure that the surface is suitable, load-bearing, level, and firm.
- We recommend anchoring the product firmly to the ground.
- Ensure that all screws are tightened securely and that the frames are correctly aligned and level.
- Regularly check that all screws are tight and secure; retighten them if necessary.

SAFETY INSTRUCTIONS

- Never stand directly on the roof, as there is a risk of overloading. This also applies during installation or cleaning.
- There is a risk to children and persons with limited physical, sensory, or mental abilities (e.g., overtired persons, partially-disabled persons, elderly persons with reduced physical and mental abilities), or persons with lack of experience and knowledge (e.g., older children).

- Small parts, such as screws and nuts, are used when installing the product. These parts pose a risk of suffocation if swallowed.
- The product may only be assembled by competent persons, and not by children or persons with limited mental or motor skills or lack of experience.
- Improper handling of the product can result in injury or damage to property.
- Take care when unpacking the product parts from the packaging. **There is a risk of injury from sharp edges.** Some parts are made of metal and, therefore, are heavy.
- If you open the packaging carelessly, e.g., with a sharp knife or other sharp/pointed object, there is a risk of damaging the parts.
- Check that the parts are in perfect condition and show no signs of damage. If any parts are damaged or deformed, do not use them.
- Always wear safety clothing during installation. Basic safety equipment includes, but is not limited to, safety shoes, protective gloves, safety goggles, and a safety hat.
- Do not install the product on windy or rainy days.
- Make sure that the parts do not touch any power cables.
- Dispose of the packaging, plastic bags, and protective films properly. Keep them out of the reach of children as they pose a risk of suffocation!
- Install the product on a firm and level surface.
- Ensure that no children are present in the construction zone during installation.
- Do not place the product in areas exposed to strong or persistent winds.
- For your own safety, do not assemble the product if you are tired, under the influence of alcohol or drugs, or if you feel dizzy or unwell.
- When using ladders or electrical devices, make sure you follow the respective manufacturer's instructions for use.
- Hot appliances, such as barbecues, heaters, burners, etc., must not be used or stored in the product, as this poses a fire hazard!

- Never stand in or next to the product during storms of thunderstorms. There is a risk of a lightning strike.

CARE AND MAINTENANCE

- Clean the surface regularly.
- If you notice any scratches on the surface, remove them immediately with a suitable varnish.
- Do not use aggressive cleaning agents, brushes with metal or nylon bristles, or sharp or metallic tools, such as knives or scrapers. Use soft bristles for cleaning.
- Use clean, cold water.

DISPOSAL OF PACKAGING

- Dispose of the packaging separately.
- Cardboard and paperboard are disposed of as waste paper, and plastic film should be taken to the appropriate recycling collection point.

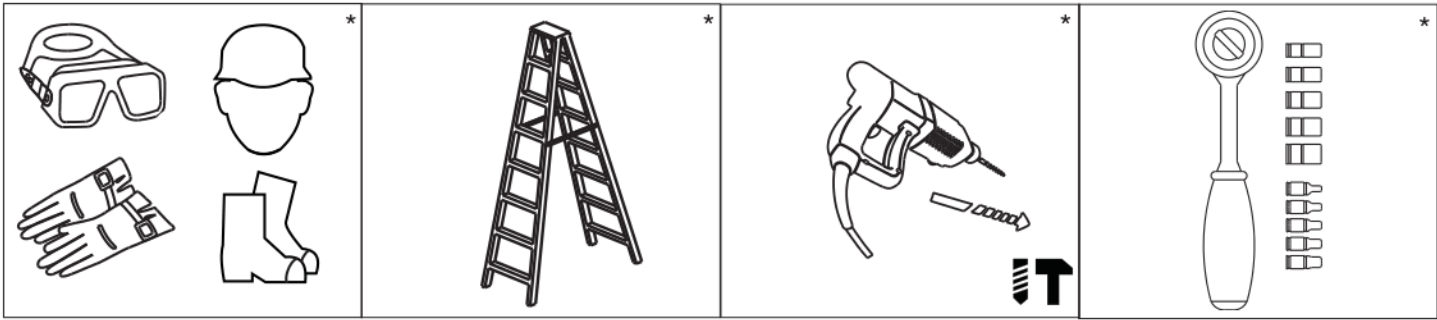
DISPOSAL OF THE PRODUCT

- When disposing of the product, please observe the guidelines, laws, and regulations applicable in your country or state regarding disposal.
- Please note that the product is recyclable.

RECOMMENDED TOOLS

Always use the right tools for installation.

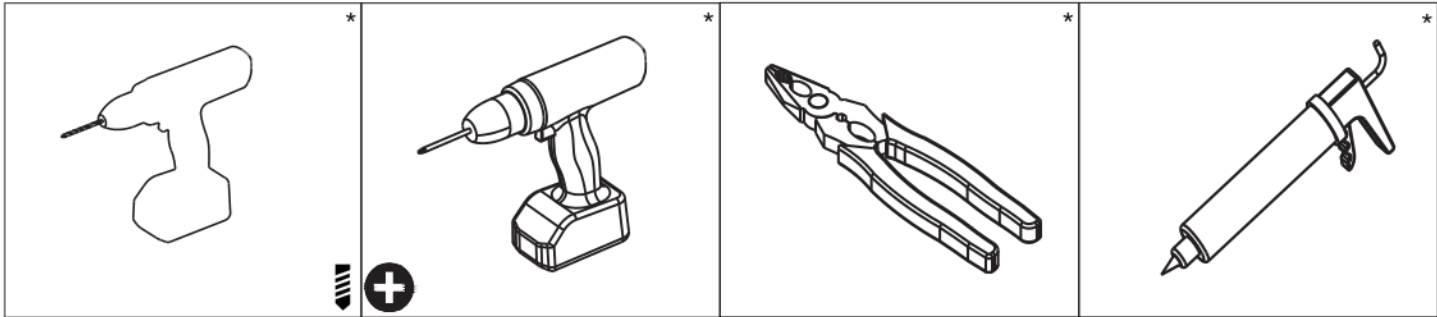
* Recommended tools are not included.



x2

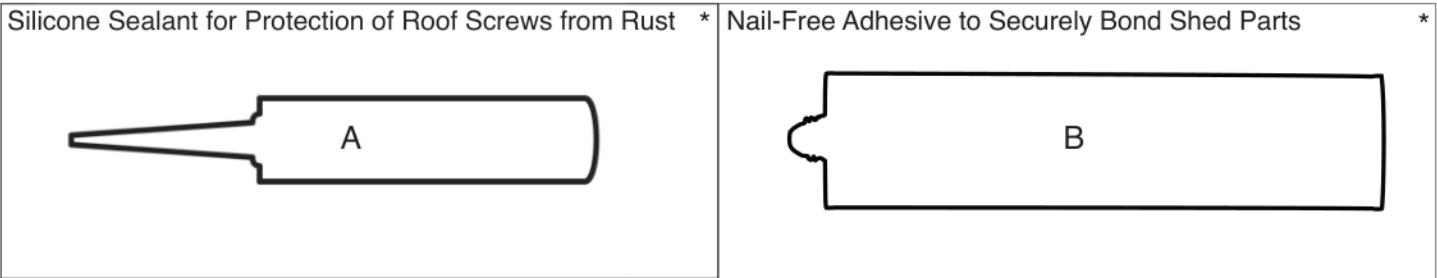
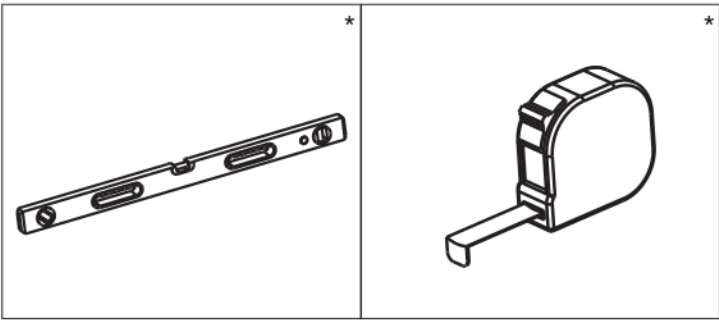
ø1/2"x5-1/2"~6-5/16"
(ø12x140~160mm)

M12 • M10 • M8
M6 • M5 • M4



ø1/4"x3-1/8"~3-3/4"
(ø6x80~95mm)
ø3/16"x3"~3-9/16"
(ø5x75~90mm)
ø1/8"x2-3/16"~2-3/4"
(ø3x55~70mm)

#2x1-3/4"~2-3/16"
(#2x45~55mm)

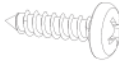
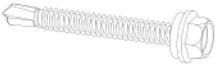
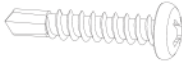
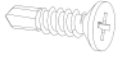
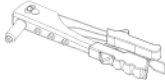


Recommended: GE Supreme Sillicone

Recommended: Liquid Nails Heavy Duty LN-901

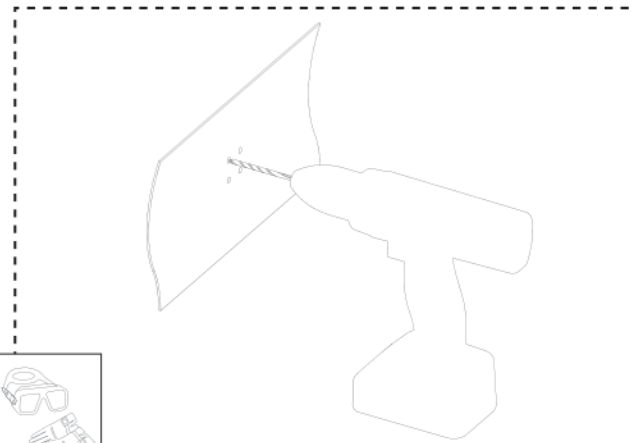
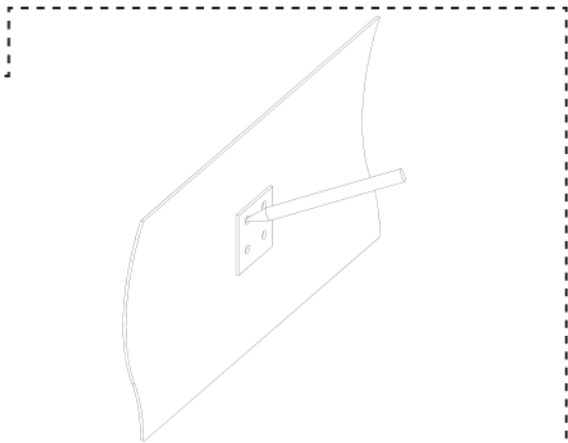
(Approx. vol. per part: screw head: 1g • screw body: 0.3g)

(Approx. vol. per part: adapter: 5g • connector x 2: 40g • elbow: 5g • cap: 5g)

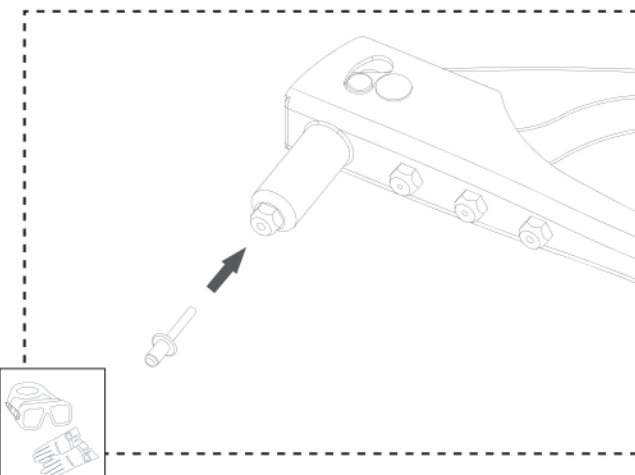
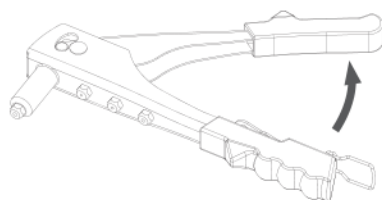
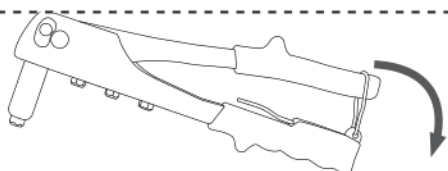
No	Image	Description	Size (mm) LxWxH	Quantity
S1		Screw Hole Cover	ø7/8"x1/8" (ø22x2.6mm)	18
S2		Hex Self-Tapping Screw	M8x3-1/8" (80mm)	18
S3		Plastic Anchor	M12x3" (75mm)	18
S4		Self-Tapping Screw	3/16"x5/8" (4.2x16mm)	98
S5		Hex Flange Self-Drilling Screw	3/16"x2" (4.8x52mm)	10
S6		Hex Flange Self-Drilling Screw	3/16"x1-11/16" (4.8x43mm)	40
S7		Hex Flange Self-Drilling Screw	3/16"x3/4" (4.8x18.5mm)	10
S8		Aluminum Rivet	3/16"x3/8" (ø5x10mm)	30
S9		Aluminum Rivet (black shank)	3/16"x3/8" (ø5x10mm)	30
S10		Self-Drilling Screw	3/16"x1/2" (4.2x13mm)	16
S11		Self-Drilling Screw (black)	3/16"x1/2" (4.2x13mm)	18
S12		Self-Drilling Screw	3/16"x1" (4.8x25mm)	6
S13		Self-Drilling Screw (black)	3/16"x13/16" (4.8x20mm)	12
S14		Self-Drilling Screw	3/16"x13/16" (4.8x20mm)	5
S15		Pan Head Machine Screw (black)	M6x1-3/8" (35mm)	1
S16		Pan Head Machine Screw (black)	M6x1/2" (12mm)	2
S17		Nylon Lock Nut	M6	3
S18		Flat Head Machine Screw	M5x1-3/16" (30mm)	1
S19		Binding Screw (black)	M4x2" (49mm)	2
T1		Rivet Gun	10"x3-3/8"x1-1/4" (255x86x32mm)	1

USING THE RIVET GUN

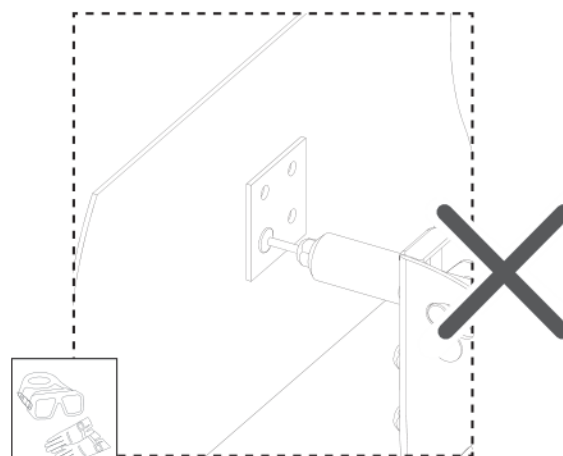
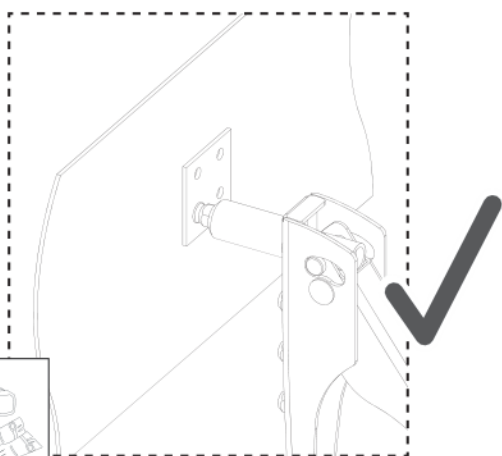
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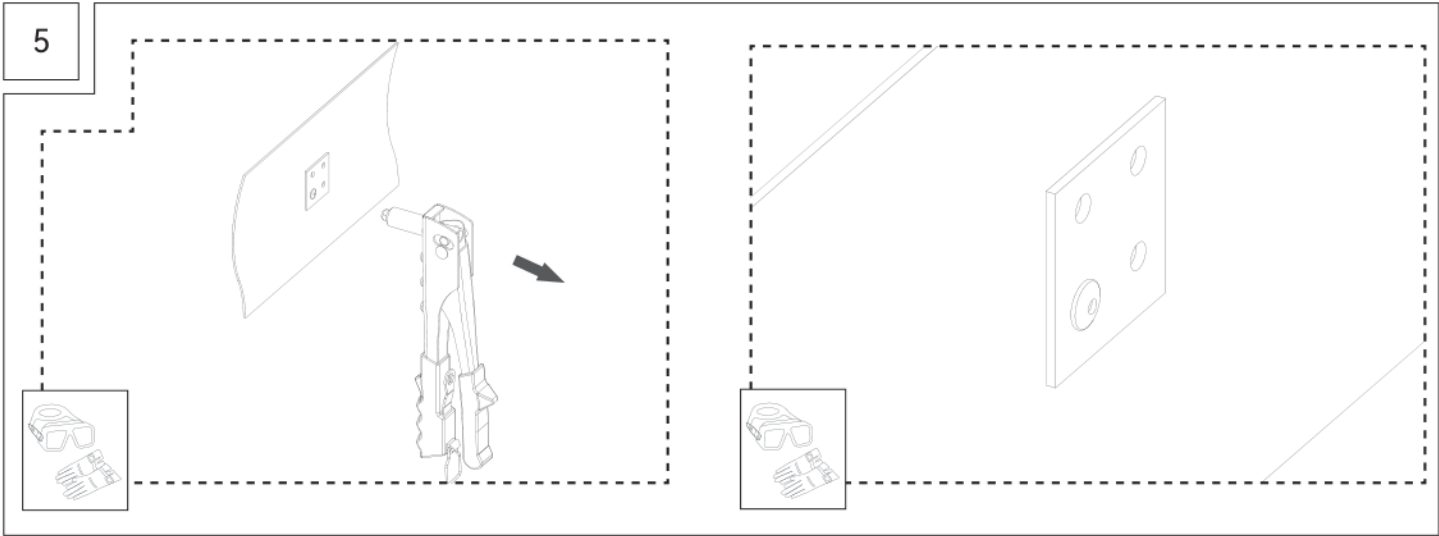
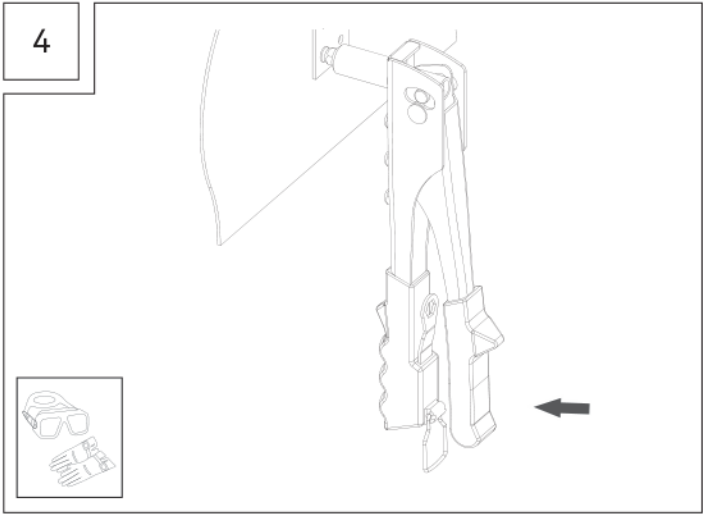


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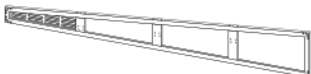
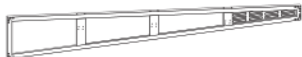
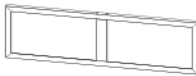
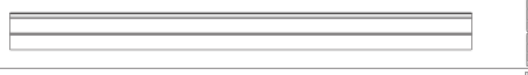
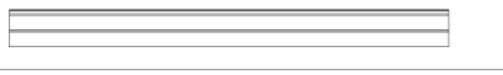
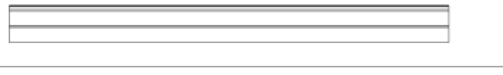
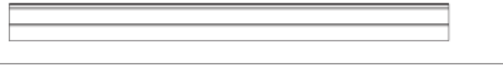
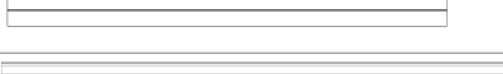
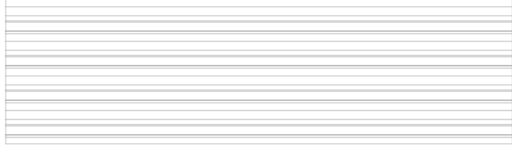


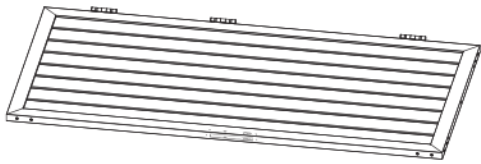
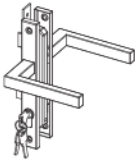
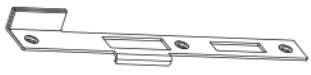
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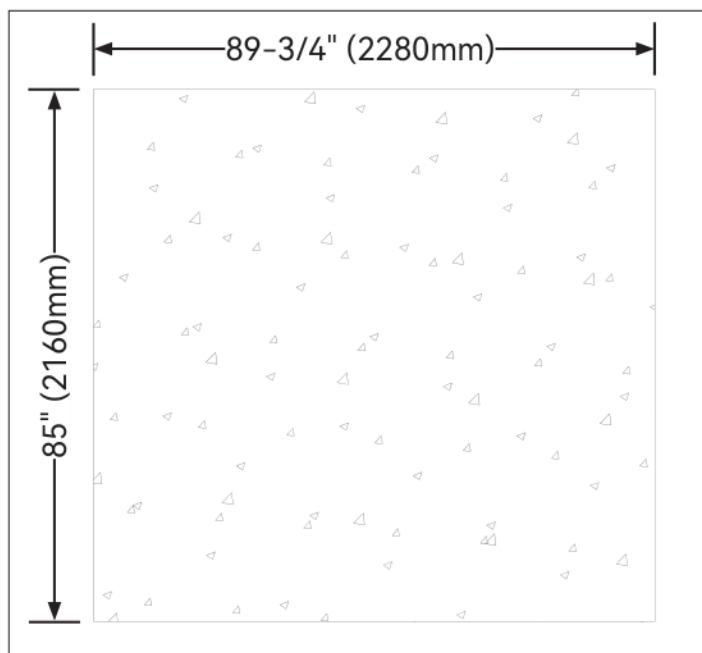


No	Image	Description	Size (mm) LxWxH	Quantity
1	 	Ground Frame (front)	87-3/8"x1-11/16"x1-3/8" (2220x43.5x35mm)	1
2	 	Ground Frame (back)	87-3/8"x1-11/16"x1-3/8" (2220x43.5x35mm)	1
3	 	Ground Frame (right)	82-11/16"x1-11/16"x1-3/8" (2100x43.5x35mm)	1
4	 	Ground Frame (left)	82-11/16"x1-11/16"x1-3/8" (2100x43.5x35mm)	1
5	 	Corner Post (front right)	87-5/16"x2-1/2"x2-1/2" (2217.5x64x64mm)	1
6	 	Corner Post (front left)	87-5/16"x2-1/2"x2-1/2" (2217.5x64x64mm)	1
7	 	Corner Post (back right)	79"x2-1/2"x2-1/2" (2005x64x64mm)	1
8	 	Corner Post (back left)	79"x2-1/2"x2-1/2" (2005x64x64mm)	1
9	 	Top H Beam (front)	83-5/8"x1-7/8"x1" (2124x48x26.9mm)	1
10	 	Top H Beam (back)	83-5/8"x1-7/8"x1" (2124x48x26.9mm)	1
11	 	Top H Beam (right)	78-7/8"x1-7/8"x1" (2004x48x26.9mm)	1
12	 	Top H Beam (left)	78-7/8"x1-7/8"x1" (2004x48x26.9mm)	1
13	 	Door Jamb (right)	75"x1-9/16"x1-7/16" (1906x40x36mm)	1
14	 	Door Jamb (left)	75"x1-9/16"x1-7/16" (1906x40x36mm)	1
15	 	Threshold	36"x2-11/16"x1-3/8" (915x68x35mm)	1
16	 	Roof Trim (front right)	46-5/8"x3-1/8"x1-3/4" (1185x80x45mm)	1
17	 	Roof Trim (front left)	46-5/8"x3-1/8"x1-3/4" (1185x80x45mm)	1
18	 	Roof Trim (right long)	59"x3-1/8"x1-3/4" (1500x80x45mm)	1
19	 	Roof Trim (left long)	59"x3-1/8"x1-3/4" (1500x80x45mm)	1
20	 	Room Trim (right short)	30"x3-1/8"x1-3/4" (760x80x45mm)	1
21	 	Roof Trim (left short)	30"x3-1/8"x1-3/4" (760x80x45mm)	1

No	Image	Description	Size (mm) LxBxH	Quantity
22		Window (right)	79-1/8"x12-1/2"x13/16" (2010x317.5x21mm)	1
23		Window (left)	79-1/8"x12-1/2"x13/16" (2010x317.5x21mm)	1
24		Window (front)	41-3/16"x12-1/2"x13/16" (1046x318x21mm)	2
25		Window Connector	12-7/16"x2-3/8"x1" (316x60x24mm)	1
26		Horizontal Rafter	84-7/16"x2"x4-3/4" (2144x50x120mm)	3
27		Center Rafter	80"x1-9/16"x4-7/8" (2034.3x40x124.3mm)	1
28		Wall Plank	77-5/16" (1963mm)	10
28C		Wall Plank (back) (pre-cut)	77-5/16" (1963mm)	1
29L		Wall Plank (left)	73-5/8" (1870mm)	9
29LC		Wall Plank (left) (pre-cut)	73-5/8" (1870mm)	1
29R		Wall Plank (right)	73-5/8" (1870mm)	9
29RC		Wall Plank (right) (pre-cut)	73-5/8" (1870mm)	1
29FL		Wall Plank (front left)	73-5/8" (1870mm)	2
29FLC		Wall Plank (front left) (pre-cut)	73-5/8" (1870mm)	1
29FR		Wall Plank (front right)	73-5/8" (1870mm)	2
29FRC		Wall Plank (front right) (pre-cut)	73-5/8" (1870mm)	1
30		Roof Sheet (left)	86-5/8"x35-7/16"x1" (2200x900x25mm)	1
31		Roof Sheet	86-5/8"x35-7/16"x1" (2200x900x25mm)	1
32		Roof Sheet (right)	86-5/8"x35-7/16"x1" (2200x900x25mm)	1

No	Image	Description	Size (mm) LxBxH	Quantity
33		Door	72"x35-7/16"x1-1/4" (1827×900×32mm)	1
34		Lock	8-7/8x5-1/2"x2-3/4" (225×139×69.5mm)	1
35		Strike Plate	9-5/8"x1-1/2"x1" (245×38×23.5mm)	1
36		Gutter	46-7/16"x3-9/16"x1-9/16" (1180×90×40mm)	1
37		Gutter	46-7/16"x3-9/16"x1-9/16" (1180×90×40mm)	1
38		Gutter Connector	4"x3-7/16"x1-9/16" (100×87.6×39.6mm)	1
39		Gutter Elbow	3-5/8"x1-5/8"x9/16" (92×42×15mm)	2
40		Downpipe Adapter	ø2-5/8"x13/16" (ø66×20mm)	1
41		Downpipe	ø2"x73-1/4" (ø50×1860mm)	1
42		Downpipe Elbow	ø2" (ø50mm)	1
43		Downpipe Bracket	3-9/16"x1"x2" (90×25×49.5mm)	1
44		Downpipe Round Clip	3-9/16"x1"x1" (90×25×25.5mm)	1
45		Roof Trim Connector	4"x3-1/8"x1-3/4" (100×79.6×44.9mm)	3
46		Roof Trim End Cover	2-3/8"x2-3/8"x3" (60×60×78mm)	2
47		Door Stopper	2"x2"x3/16" (50×50×5mm)	6
48		Cap	ø2-3/4"x1/16" (ø70×1mm)	1

1 PREPARATION

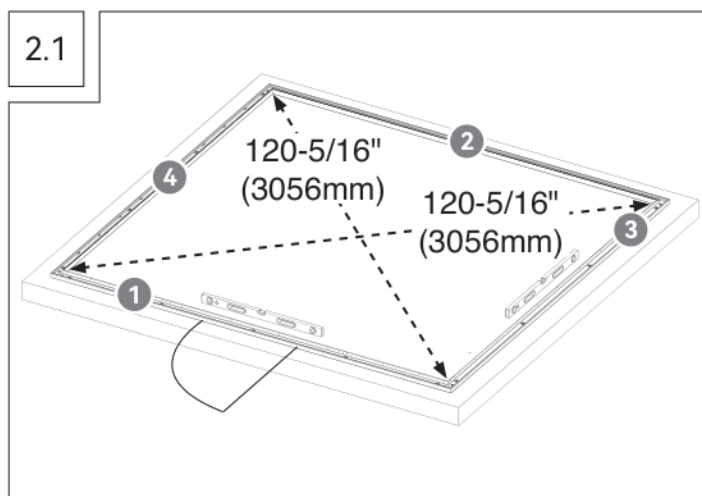


Install the product on a flat and stable base. Make sure the surface is large enough to accommodate the shed area, and as enough room for the door to open.

Pro-Tip: Waterproof the base.

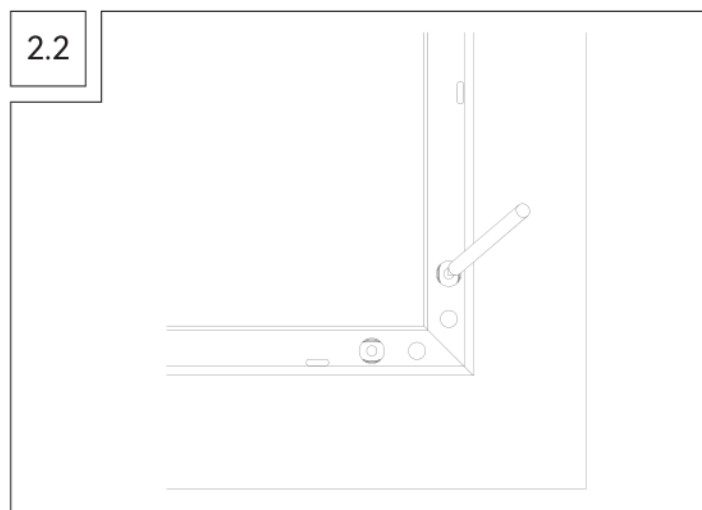
2 ASSEMBLING THE GROUND FRAME

2.1

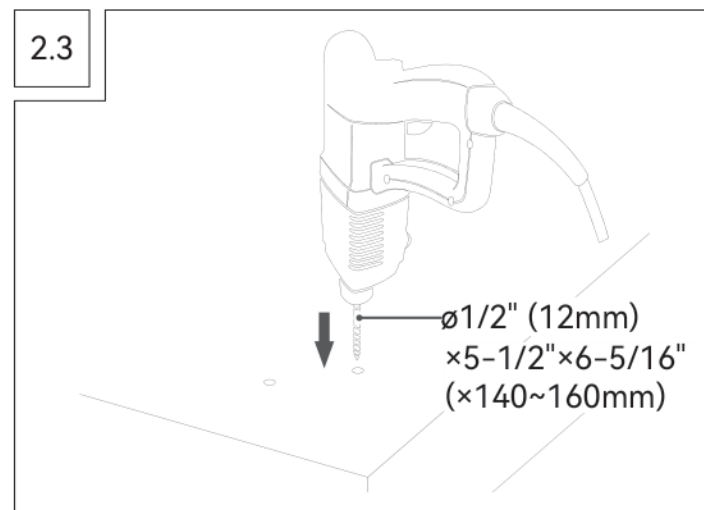


Make sure the diagonal lengths are the same.

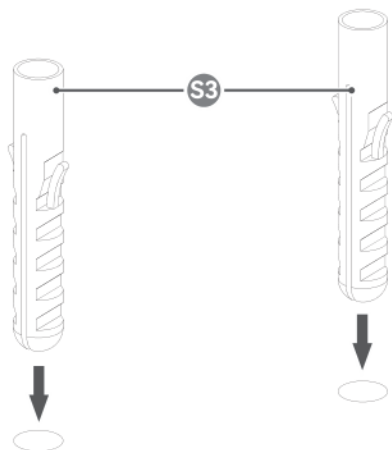
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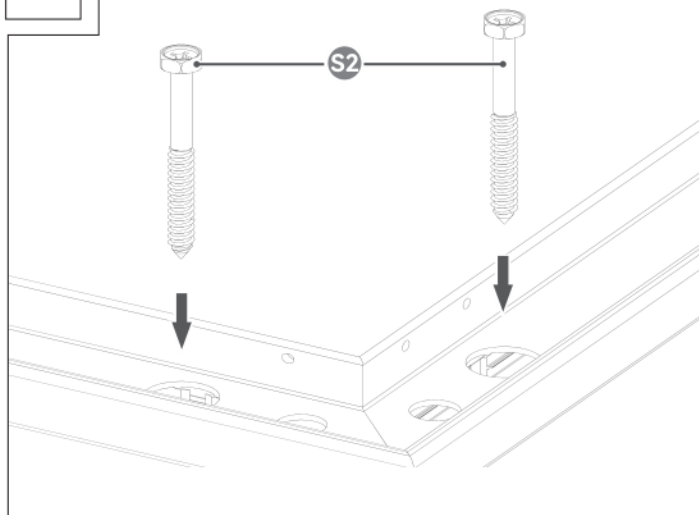
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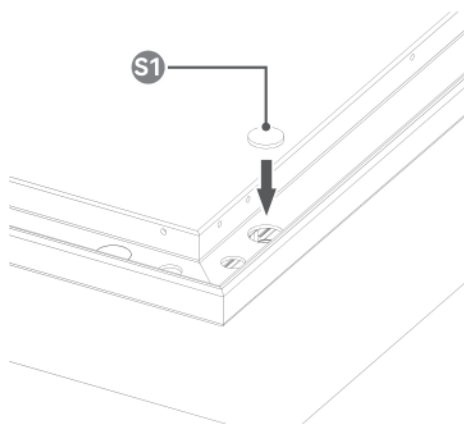
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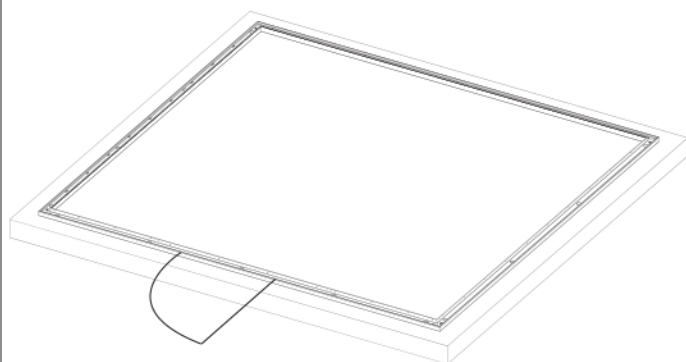
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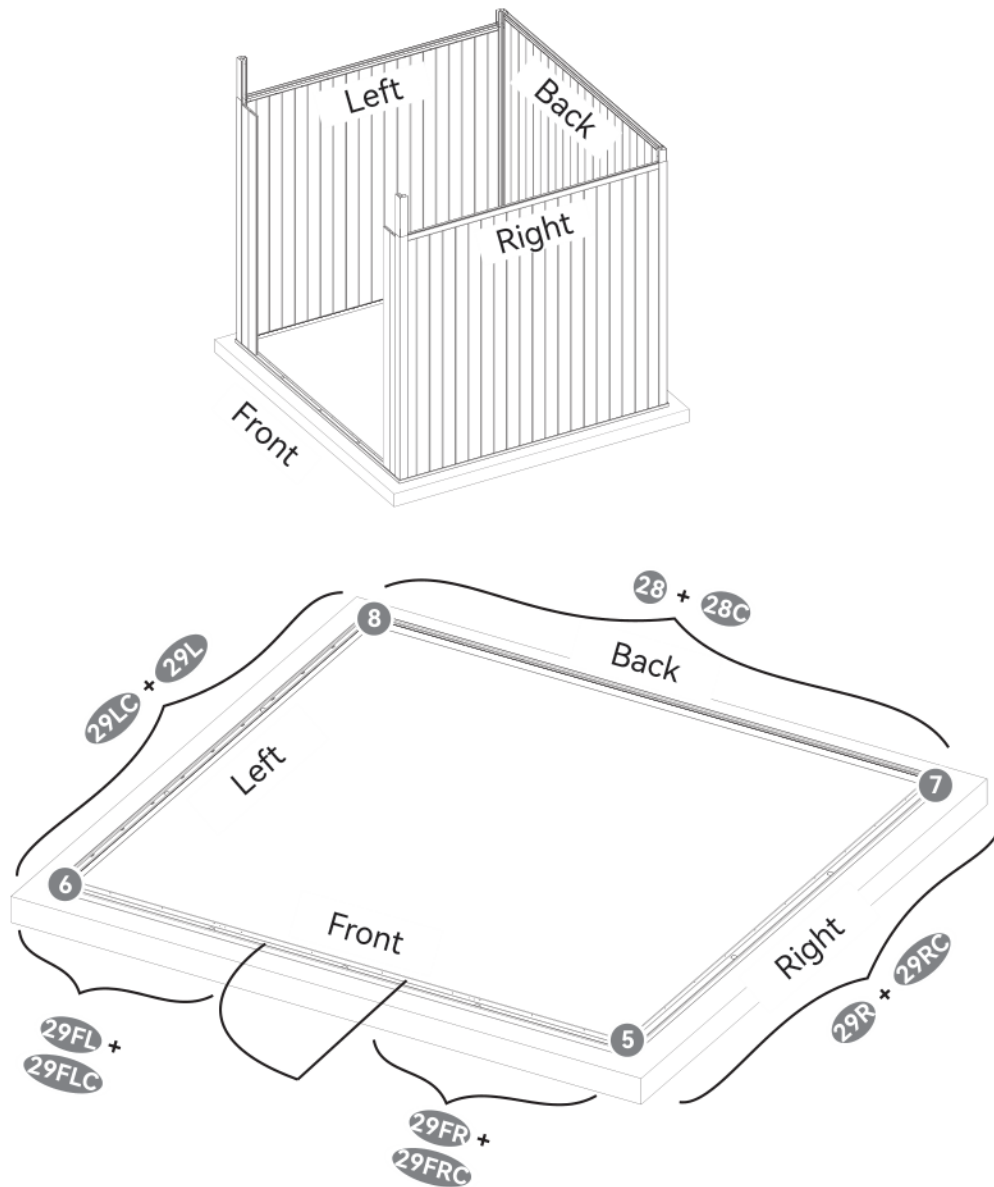


2.6

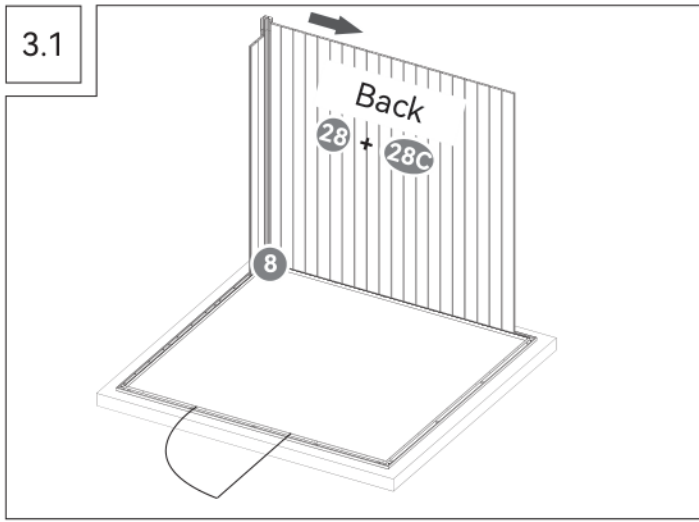


2.7

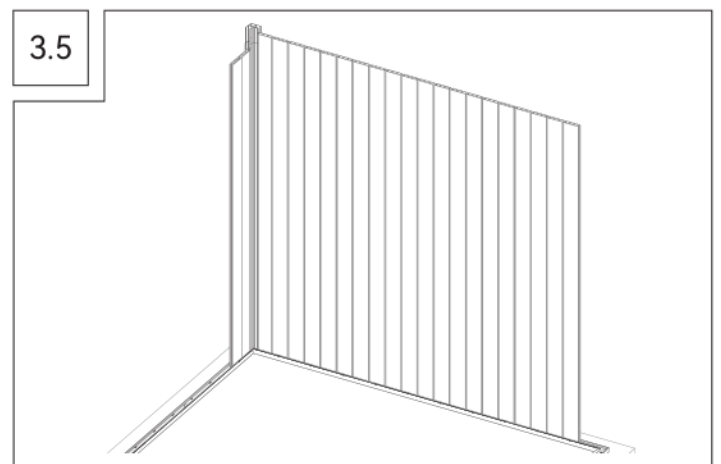
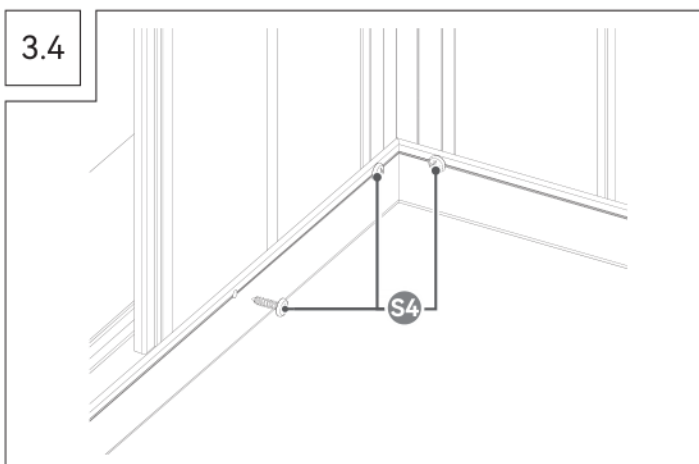
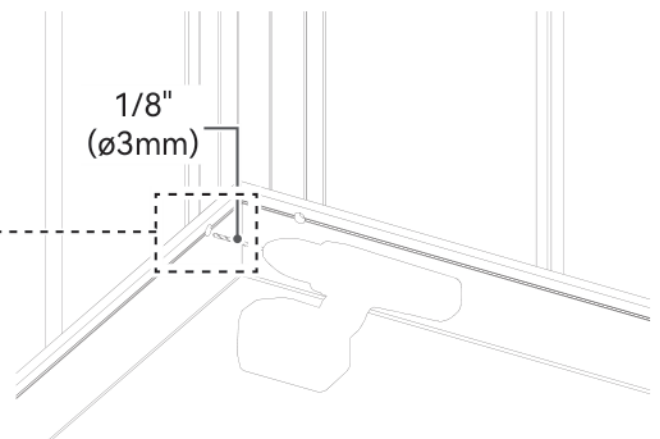
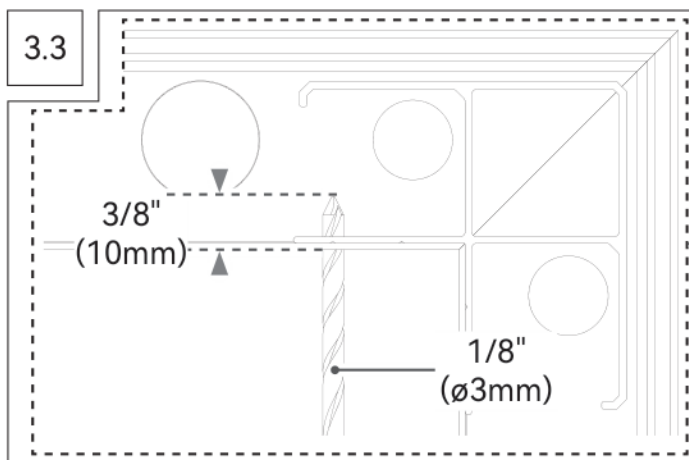
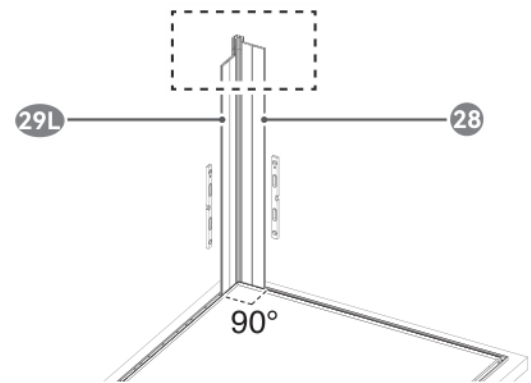
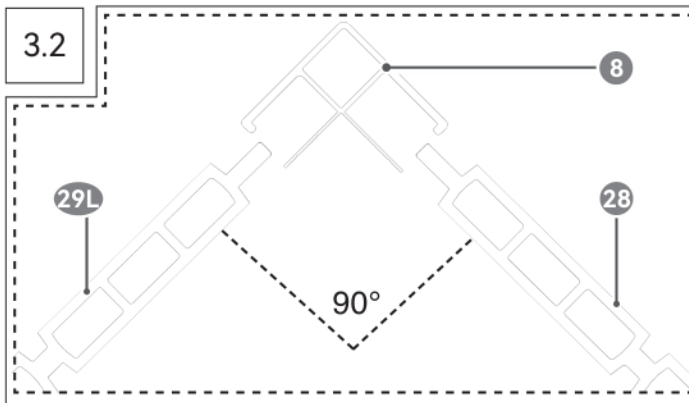




Note: For all composite materials, always pre-drill holes first BEFORE using screws.

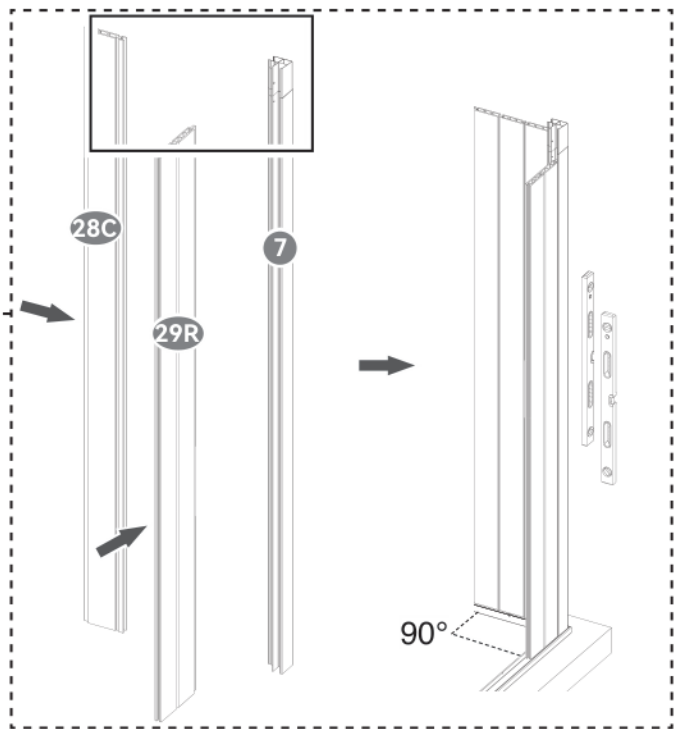
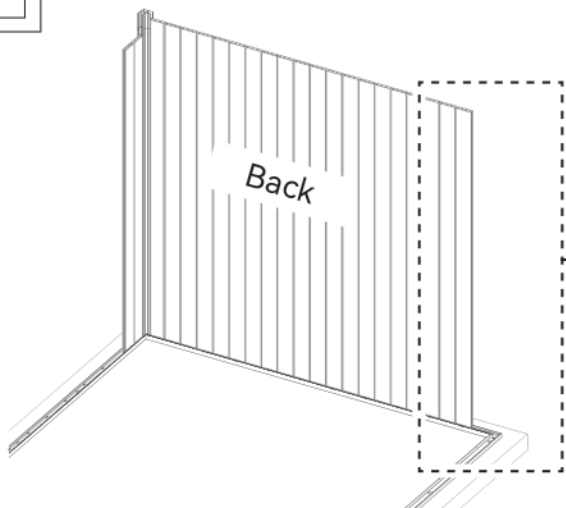


Install the back wall first, starting from the back left corner **8**.

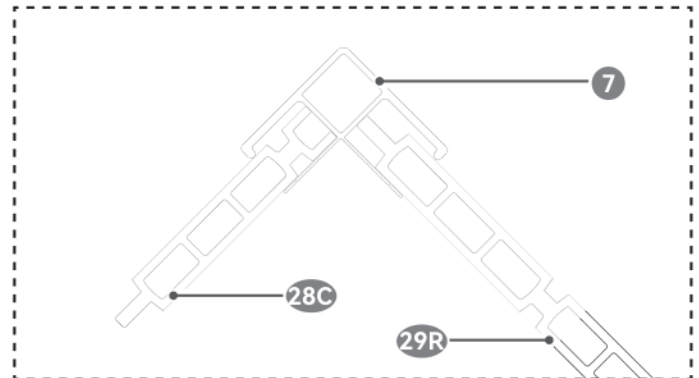
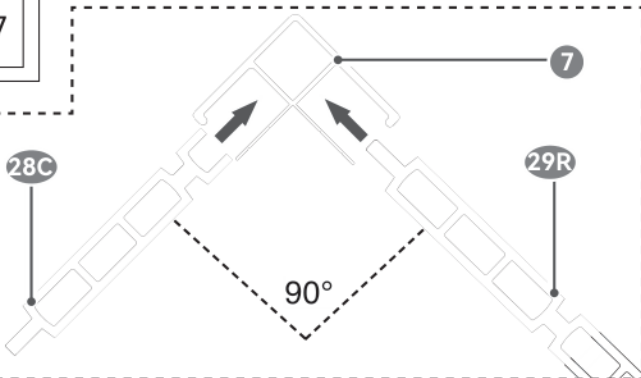


Pro-Tip: Apply force to the other side of the plank to stabilize the plank.

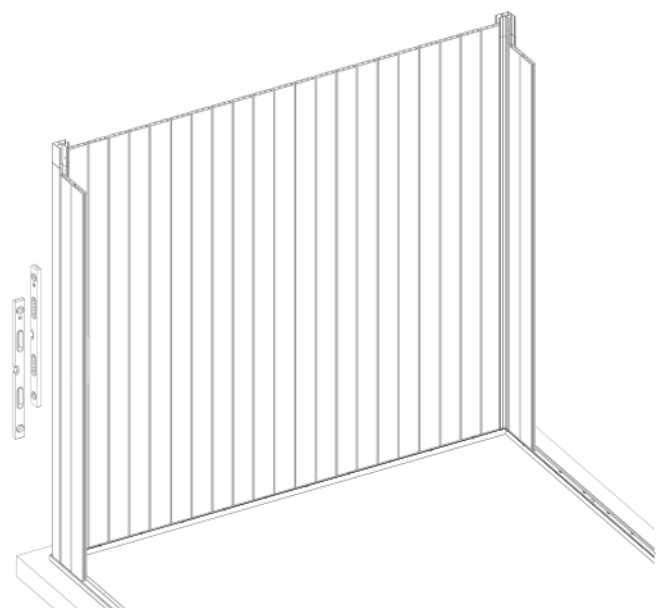
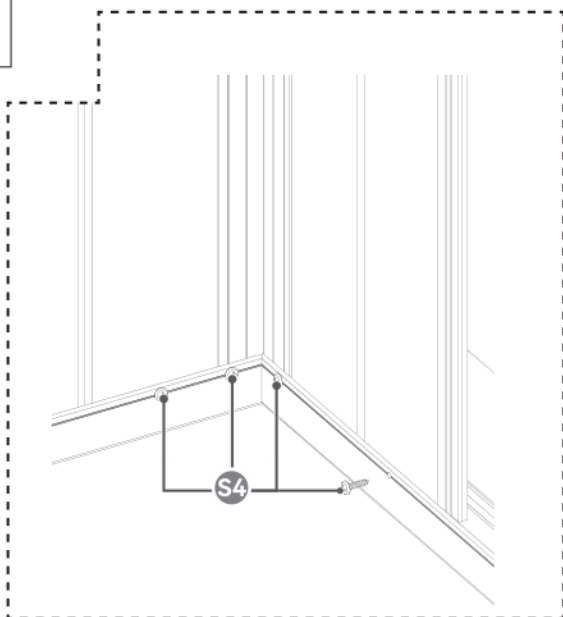
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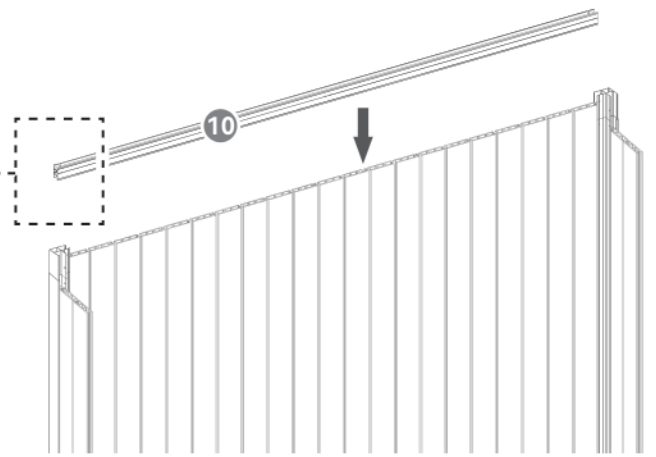
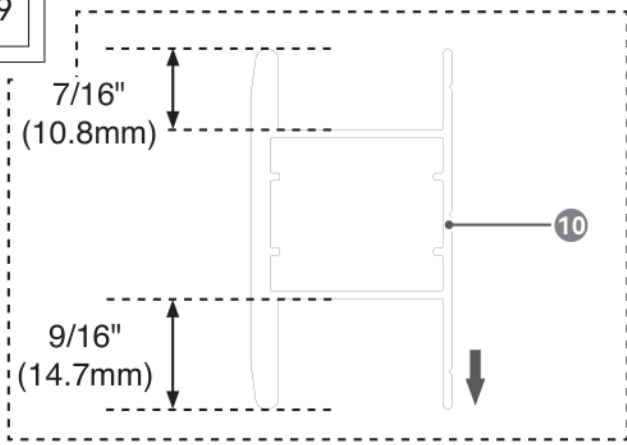
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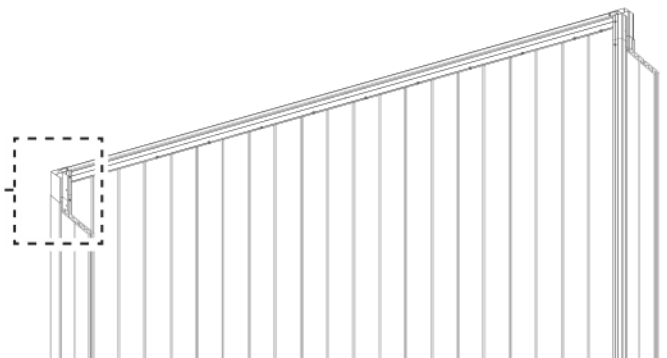
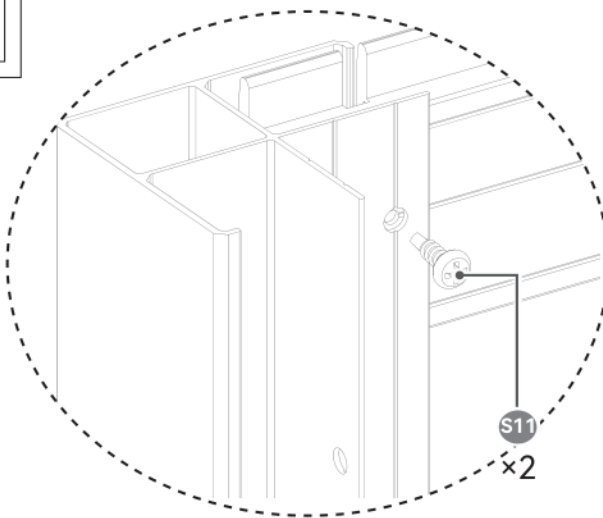
3.8



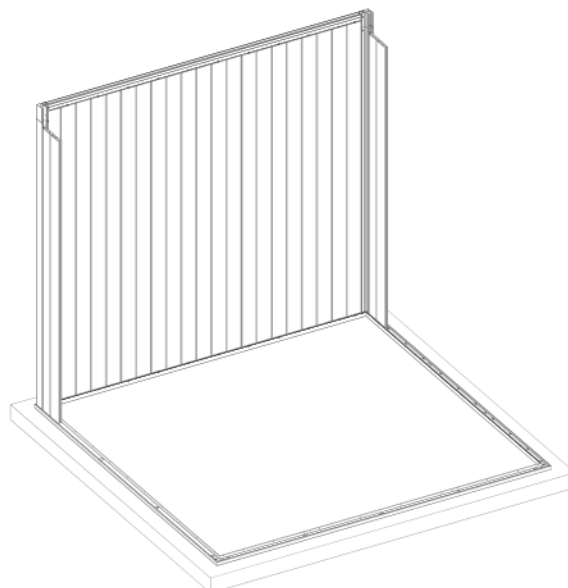
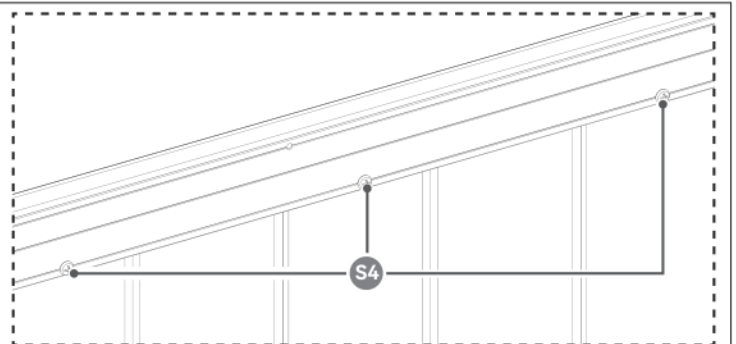
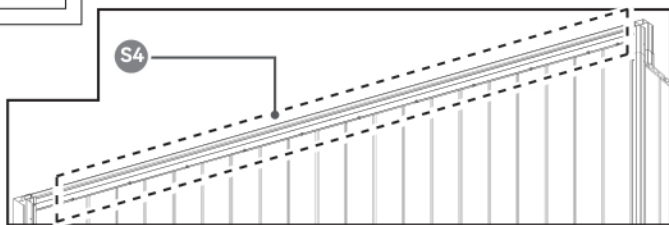
3.9

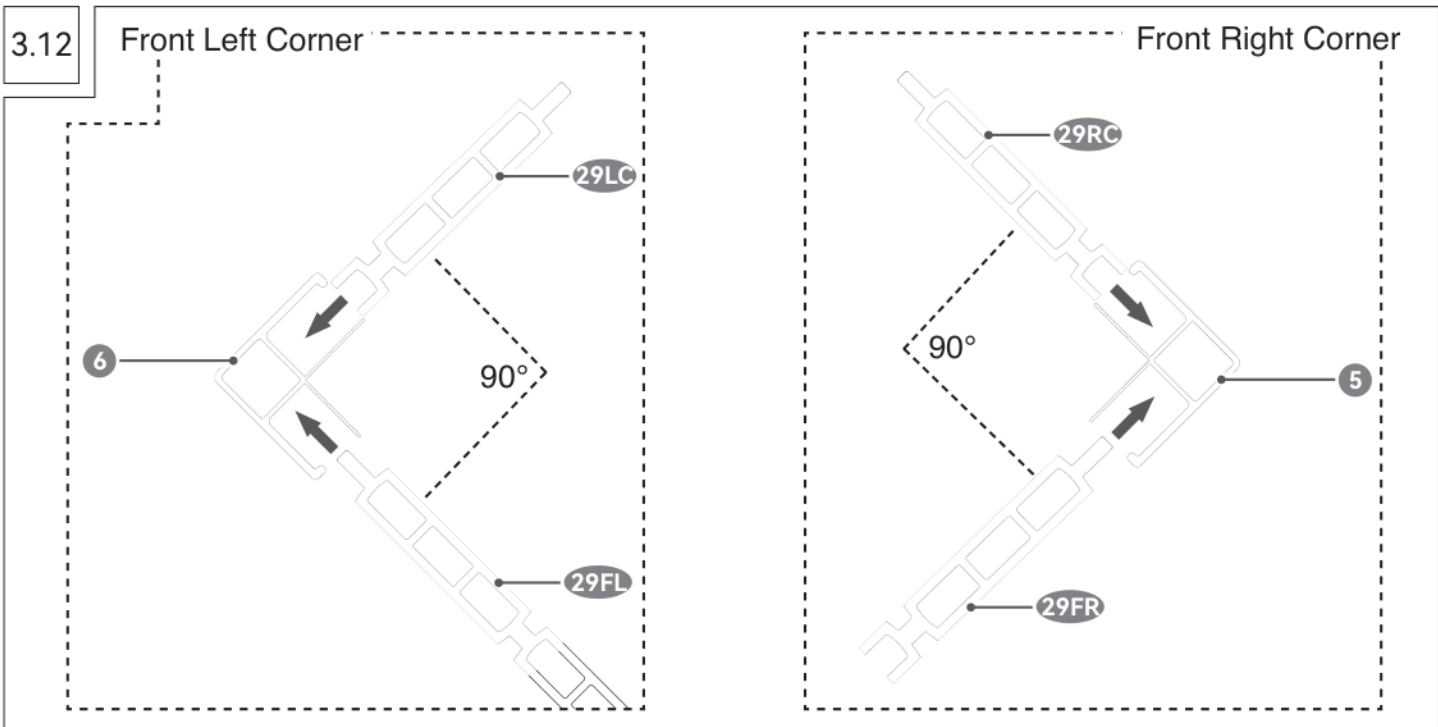


3.10

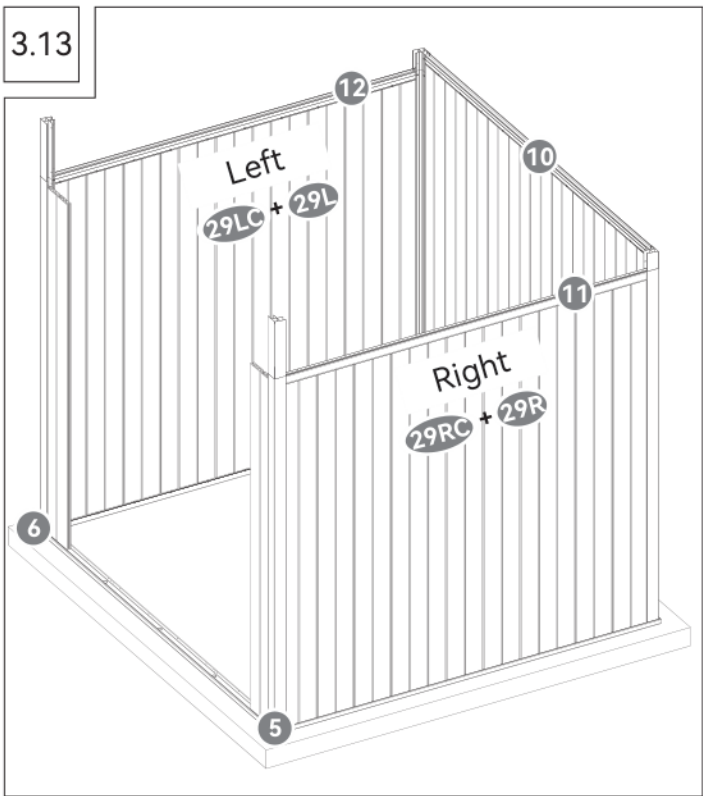


3.11





Before assembling the left and right walls, note that each corner post and planks face different directions.



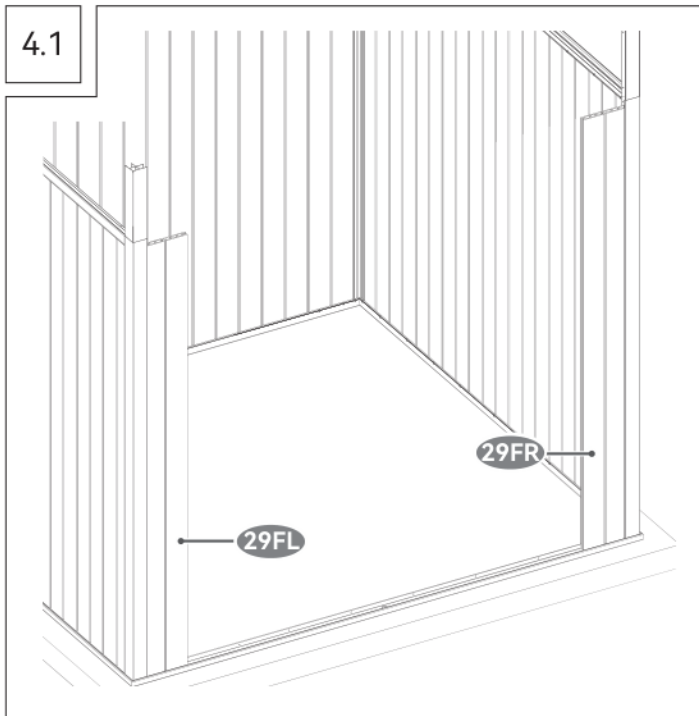
Repeat the previous steps for the left and right walls.

4

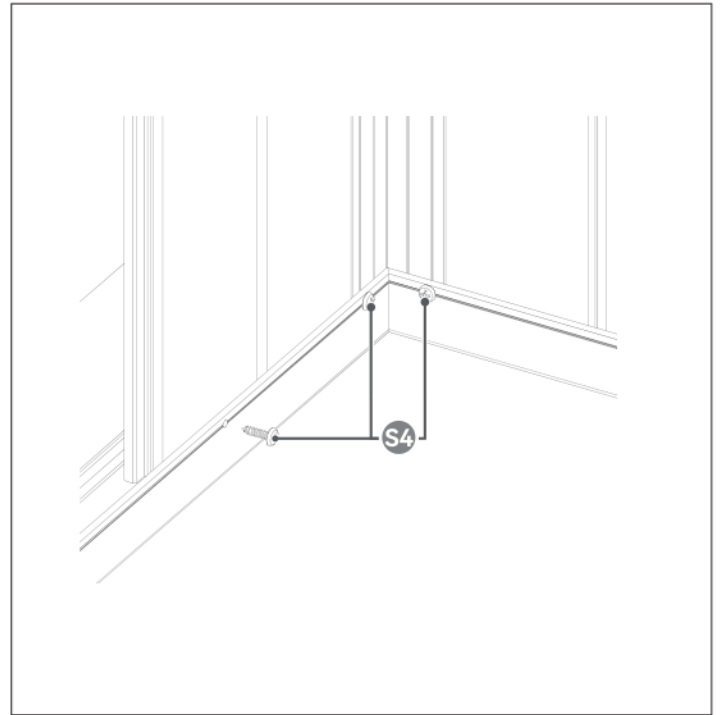
ASSEMBLING THE FRONT WALL

**Note: For all composite materials, always pre-drill holes first
BEFORE using screws.**

4.1

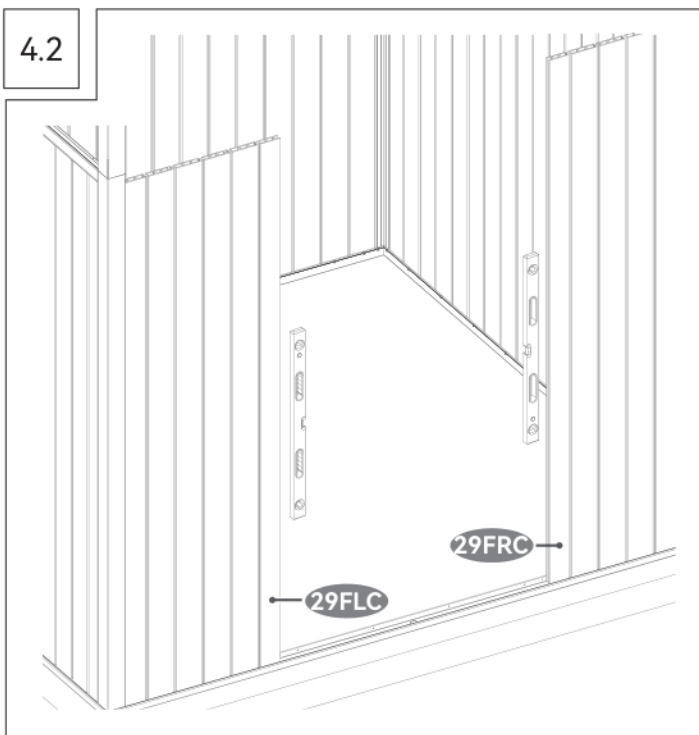


Slot in only the FIRST planks 29FL 29FR.



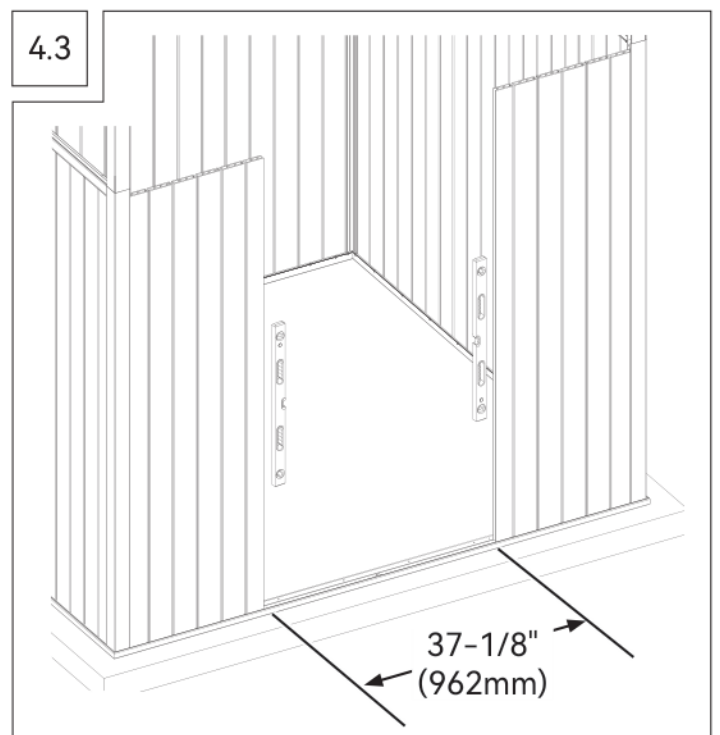
Secure planks 29FL 29FR with screws.

4.2

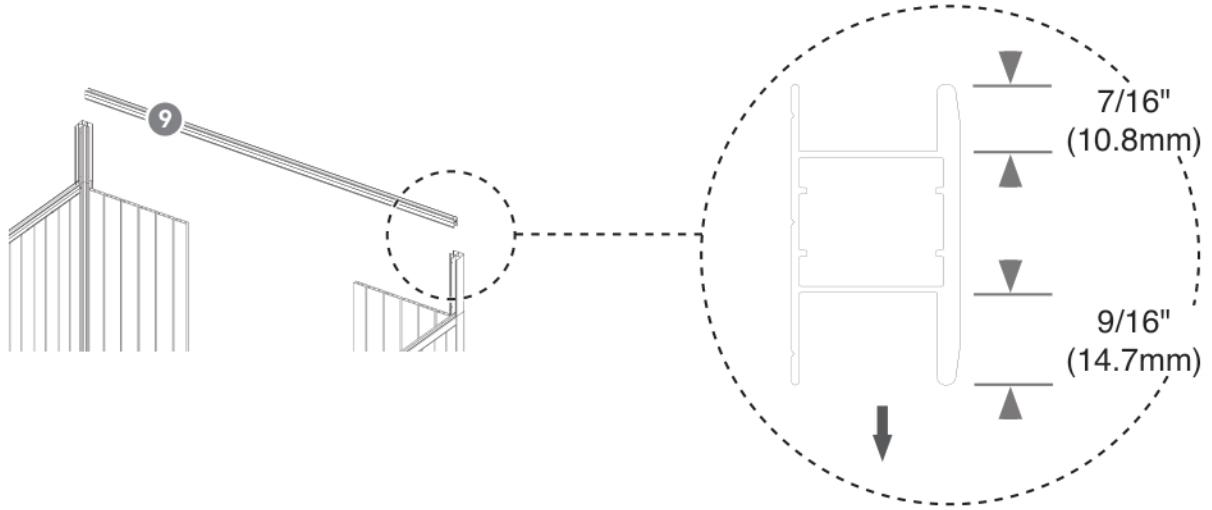


Slot in the other planks 29FL 29FR and 29FLC 29FRC. Do NOT fix into place.

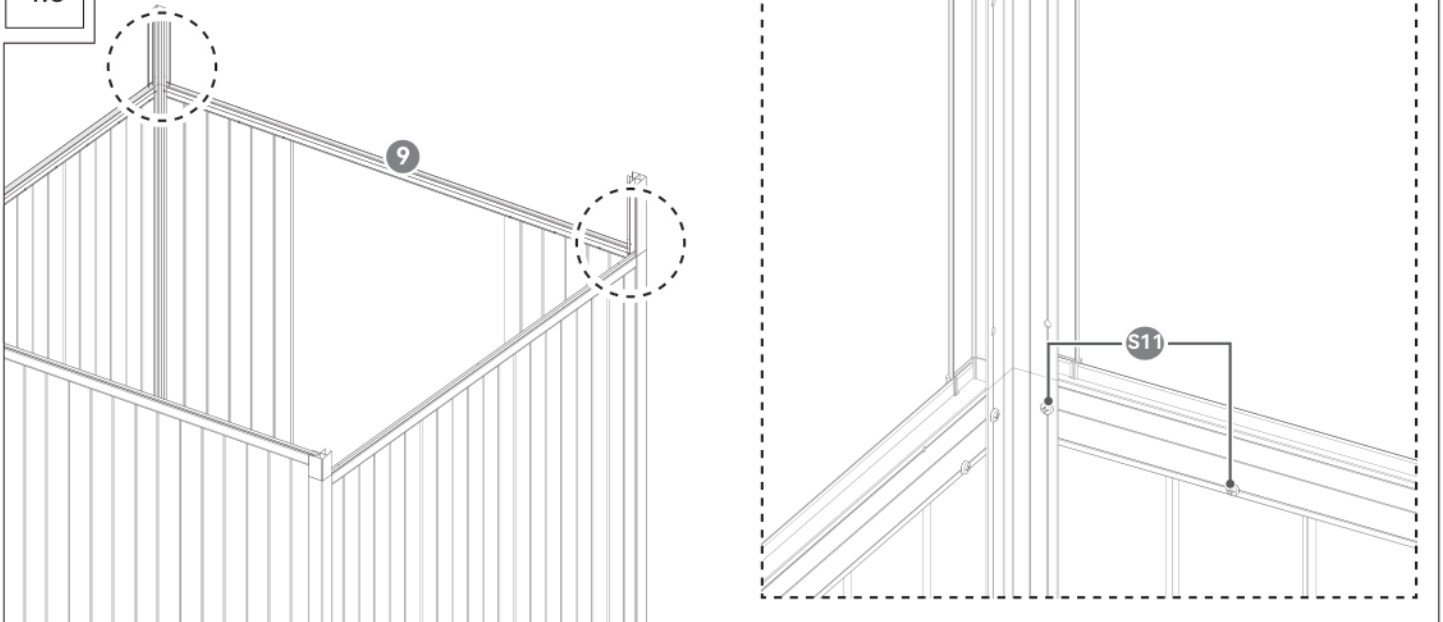
4.3



4.4

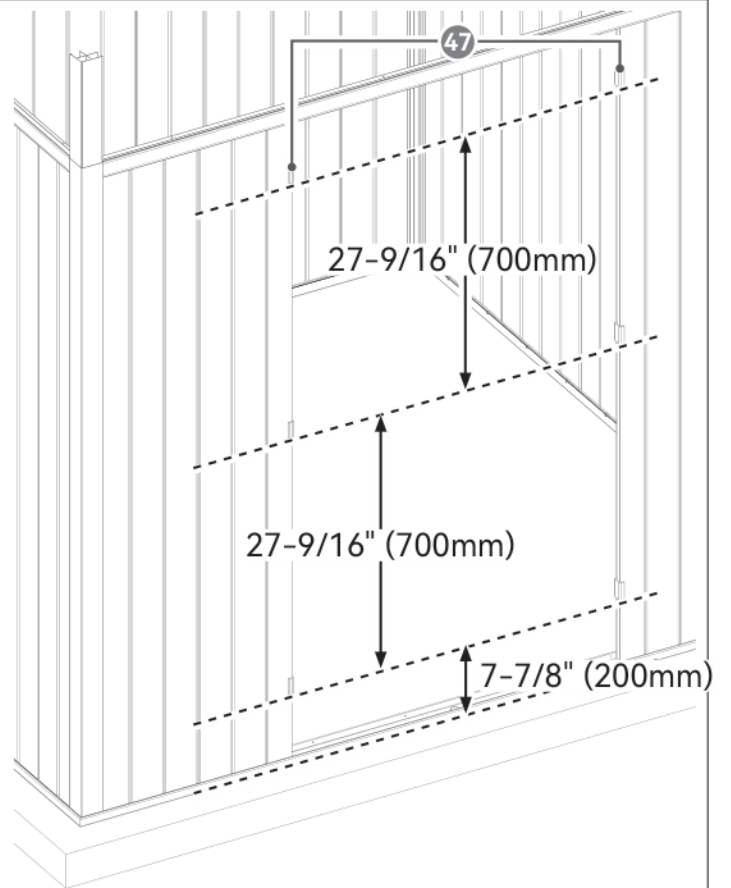
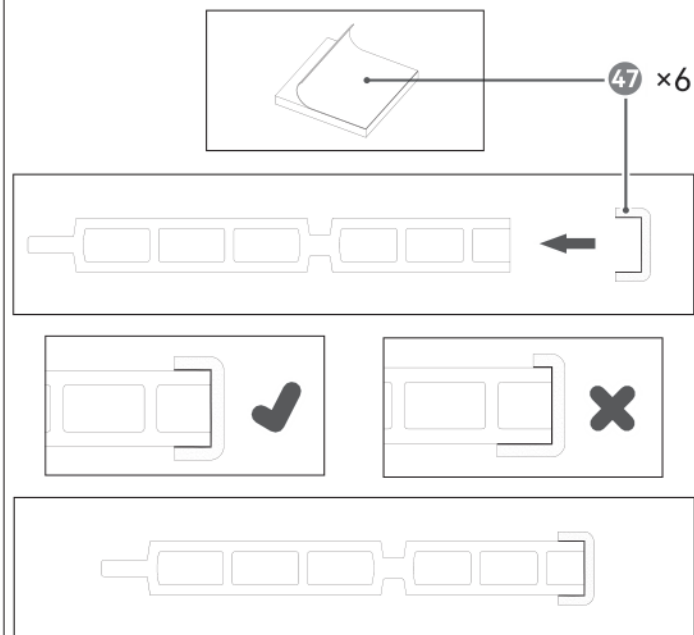


4.5

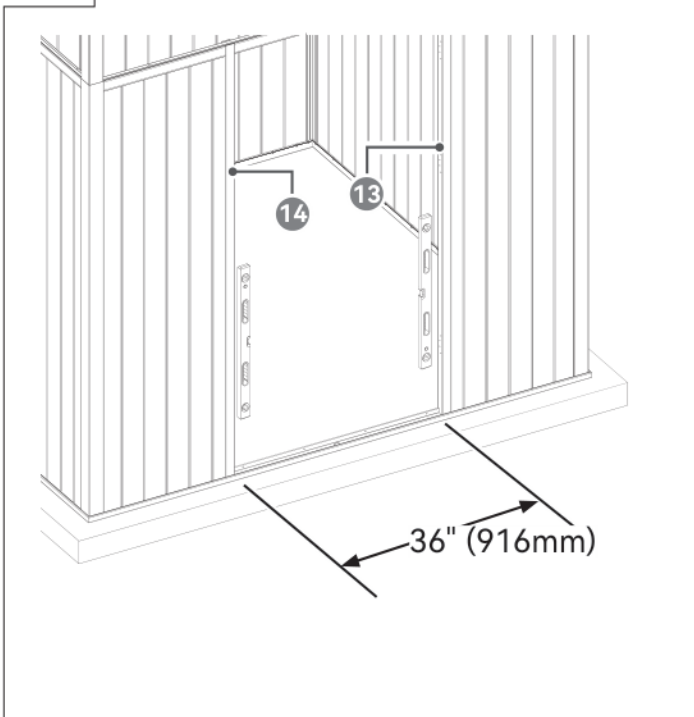


5 ASSEMBLING THE DOOR OPENING

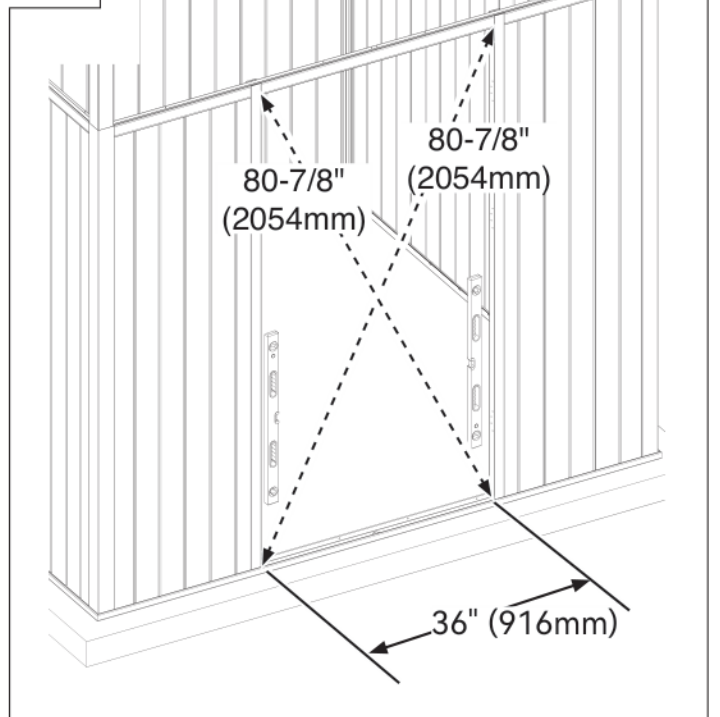
5.1

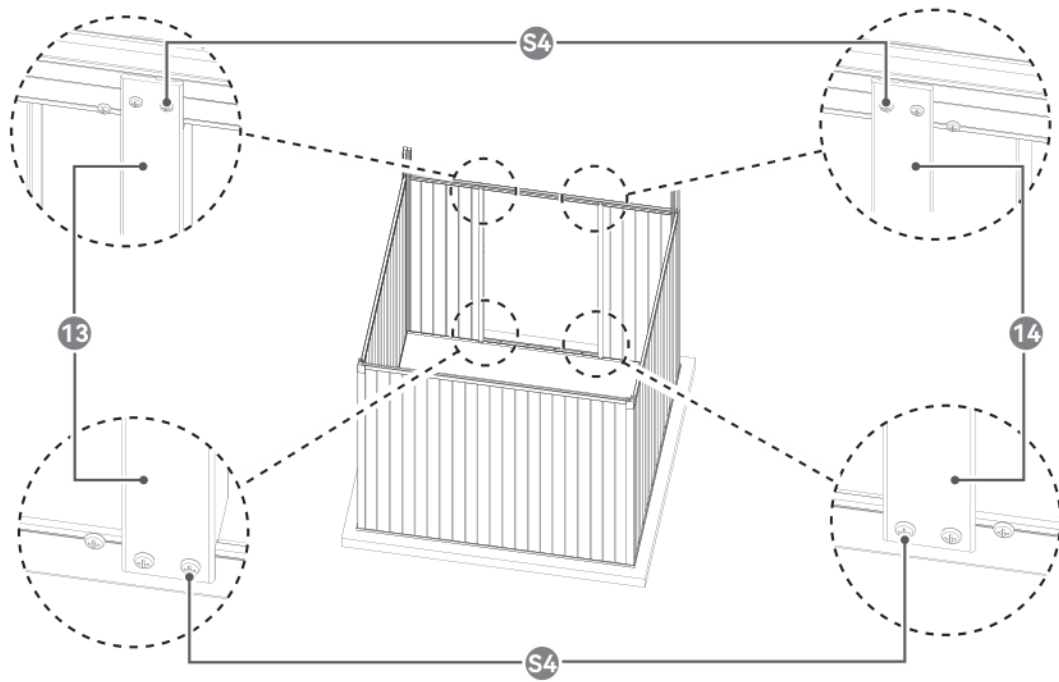


5.2

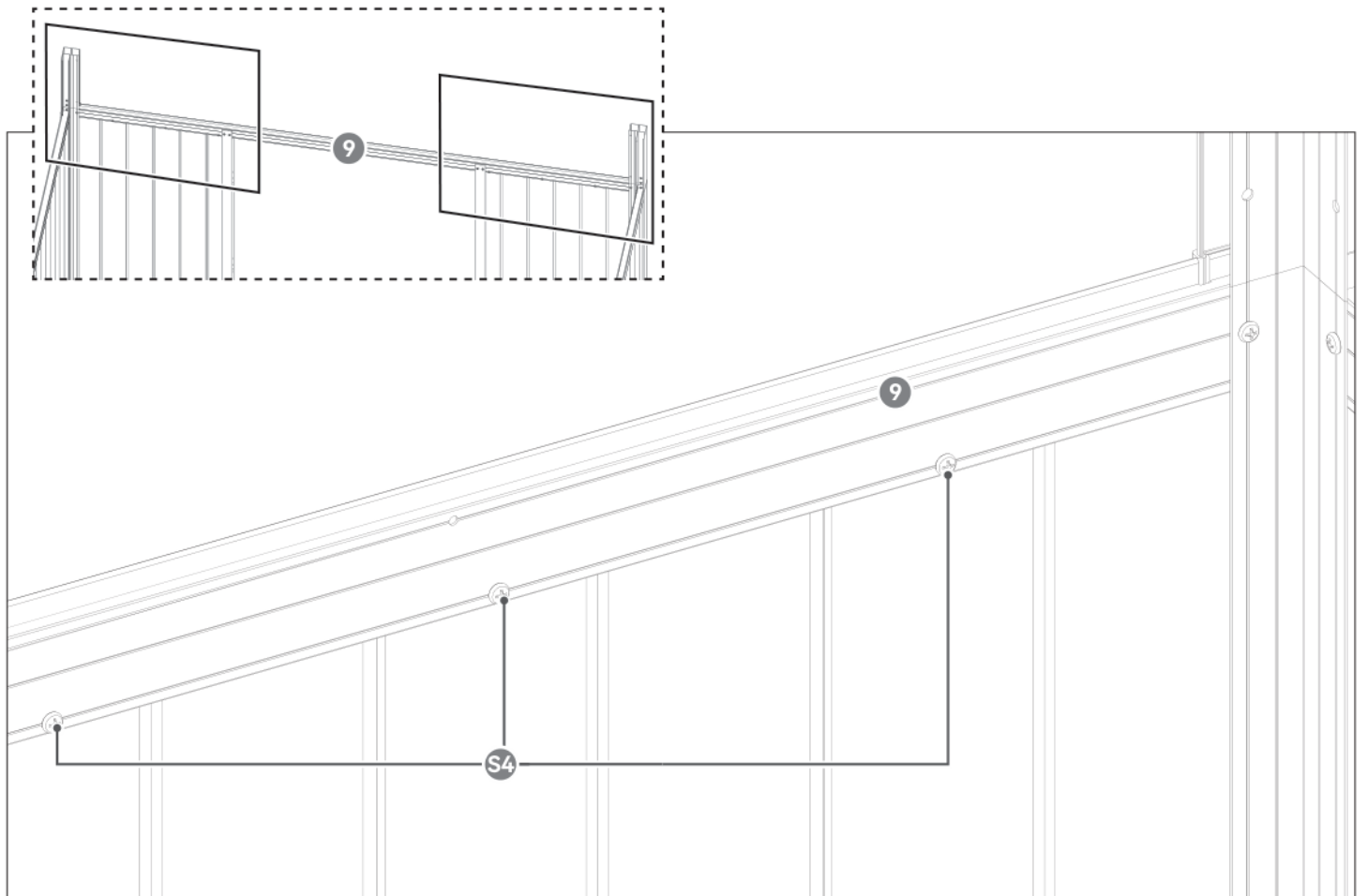


5.3



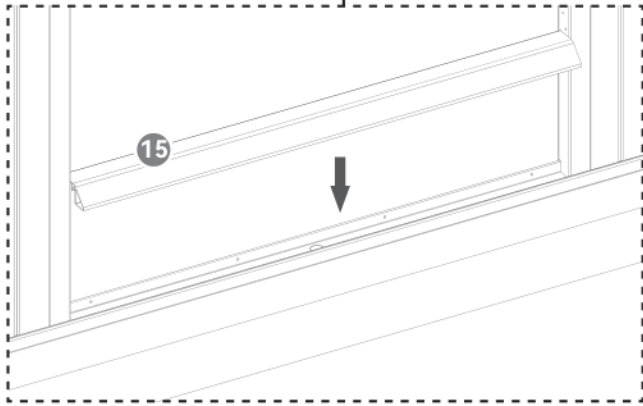
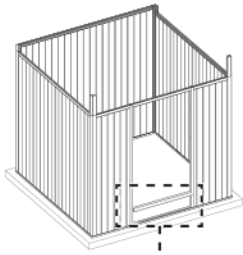


Make sure the door jambs 13 14 are plumb, then fix into place with screws S4.

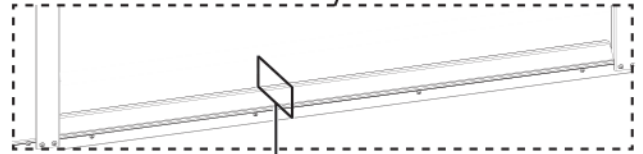
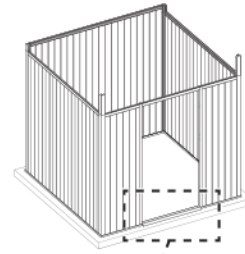


Secure H-Trim 9 and the remaining planks with screws S4.

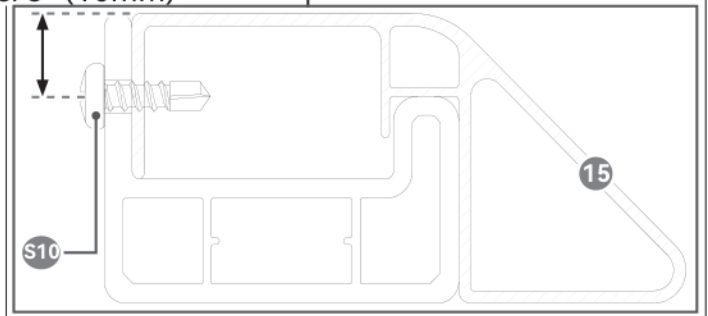
5.5



5.6

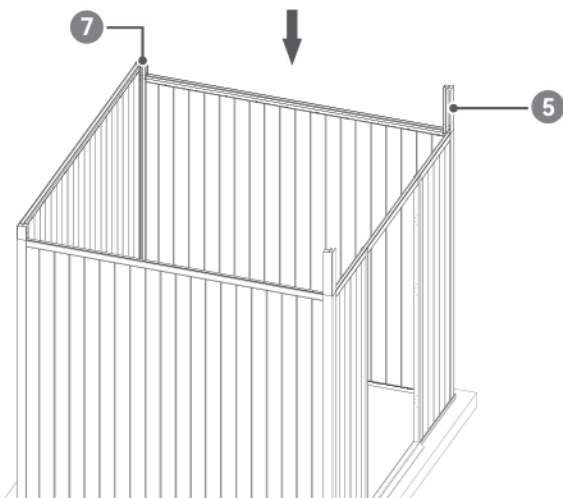


3/8" (10mm)

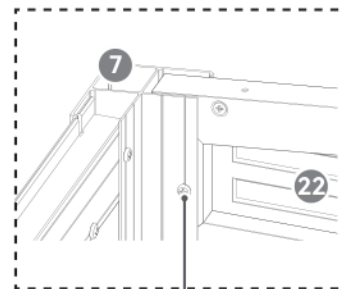


6 INSTALLING THE WINDOWS

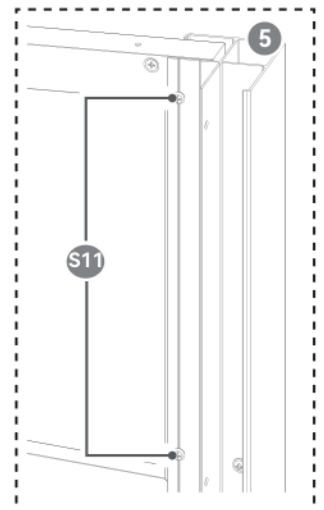
6.1



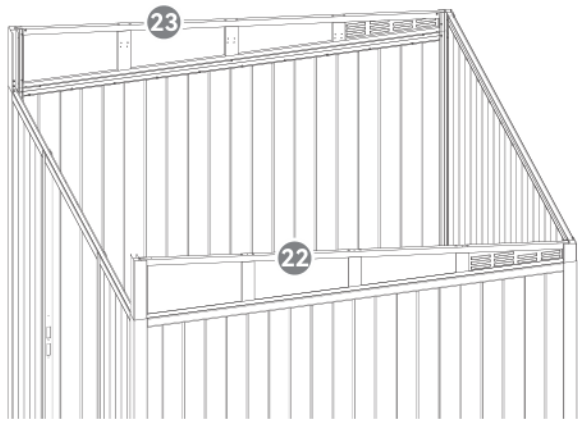
6.2



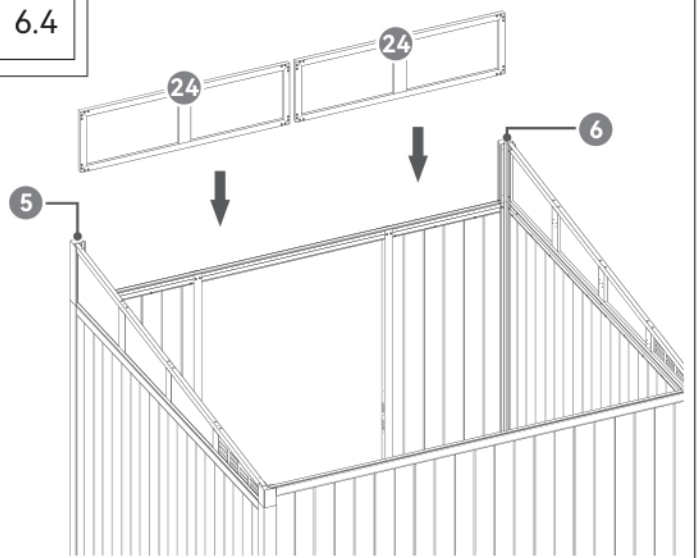
S11



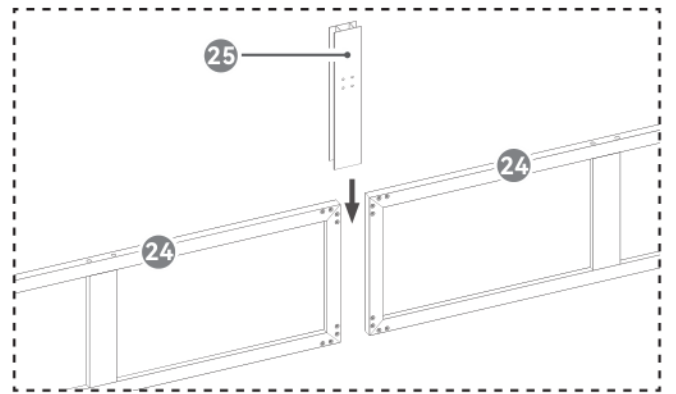
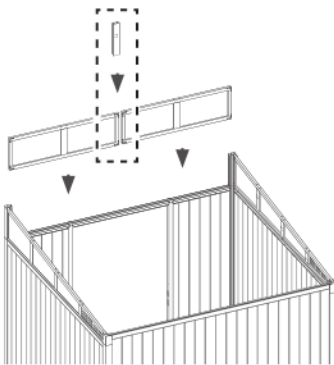
6.3



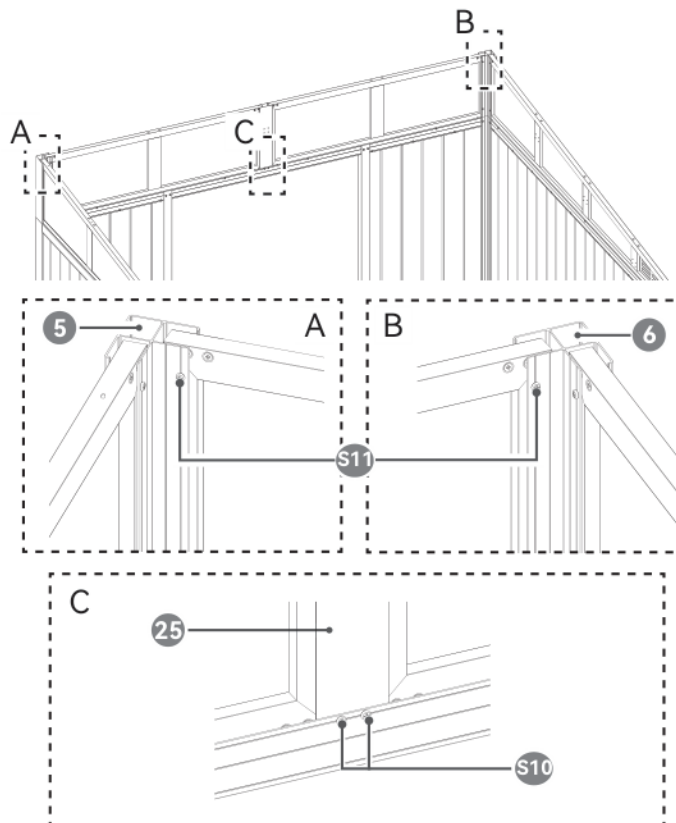
6.4



6.5

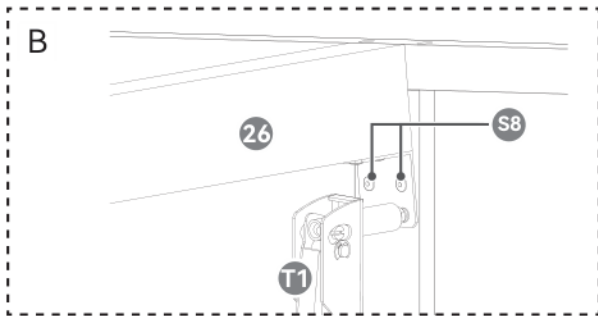
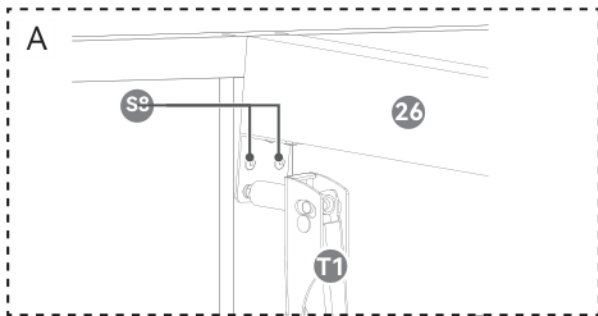
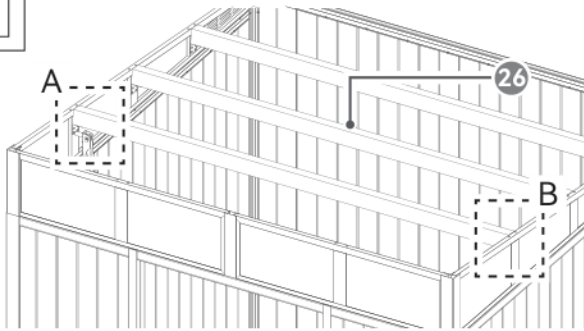


6.6

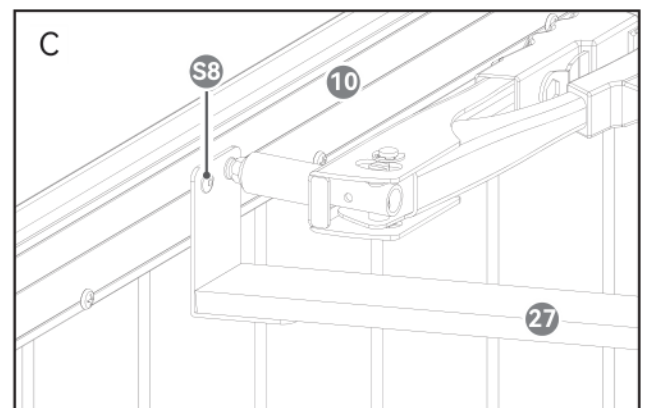
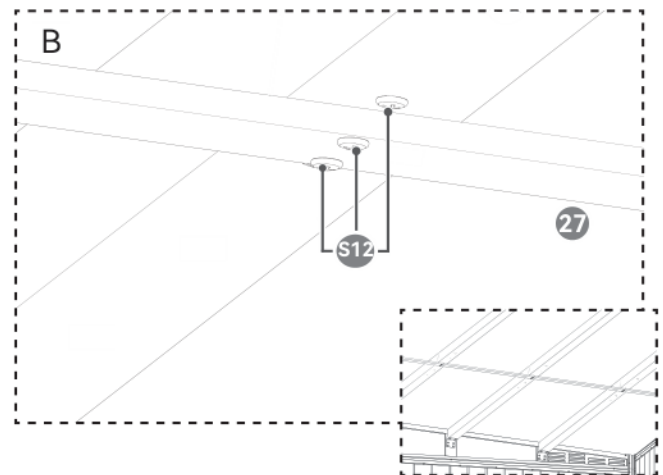
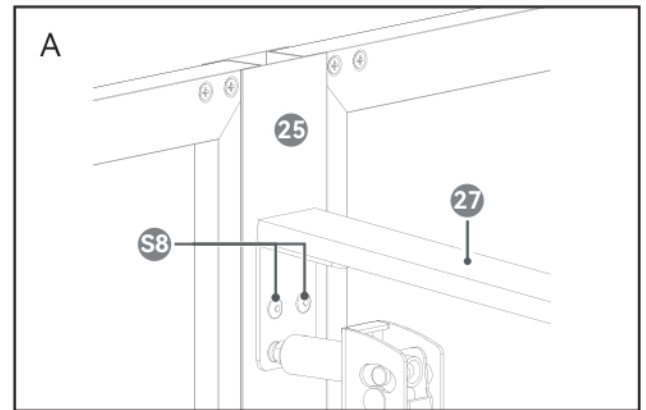
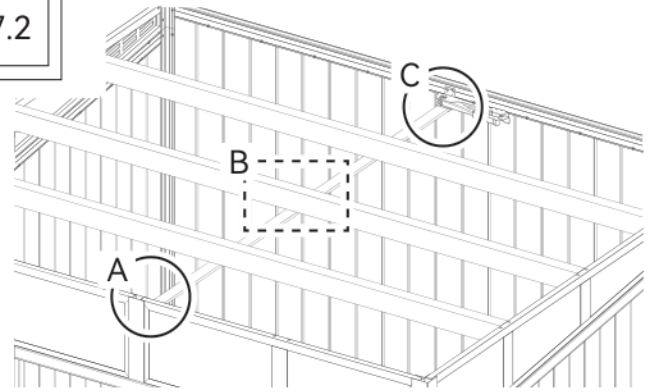


7 INSTALLING THE RAFTERS

7.1

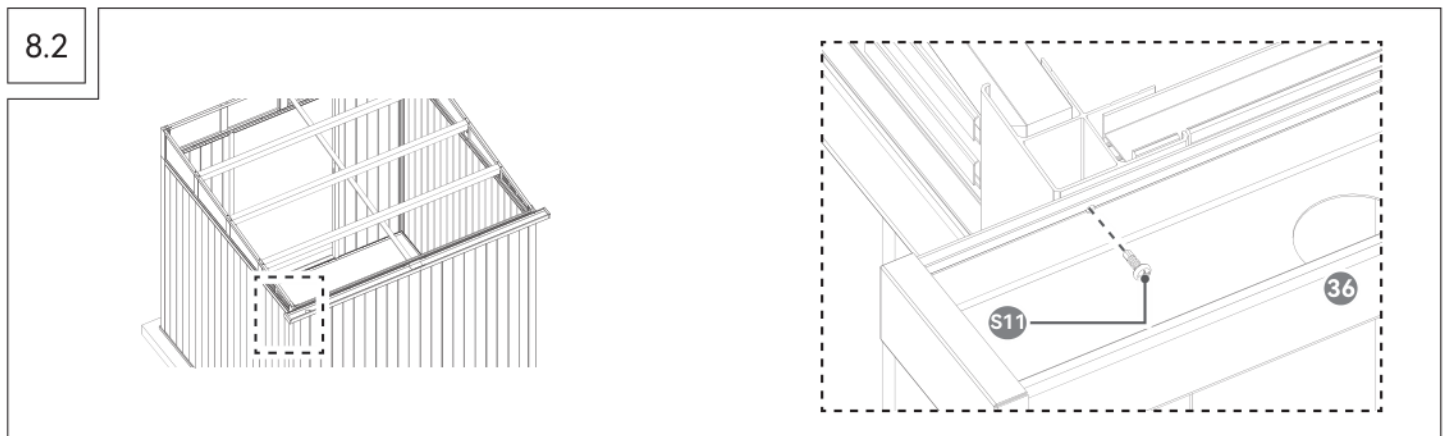
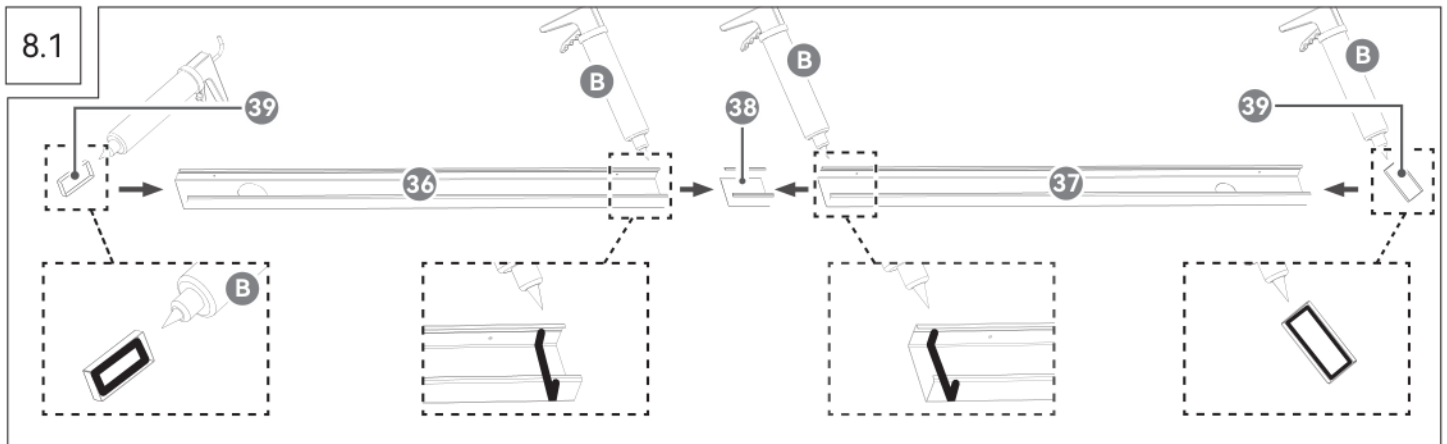


7.2

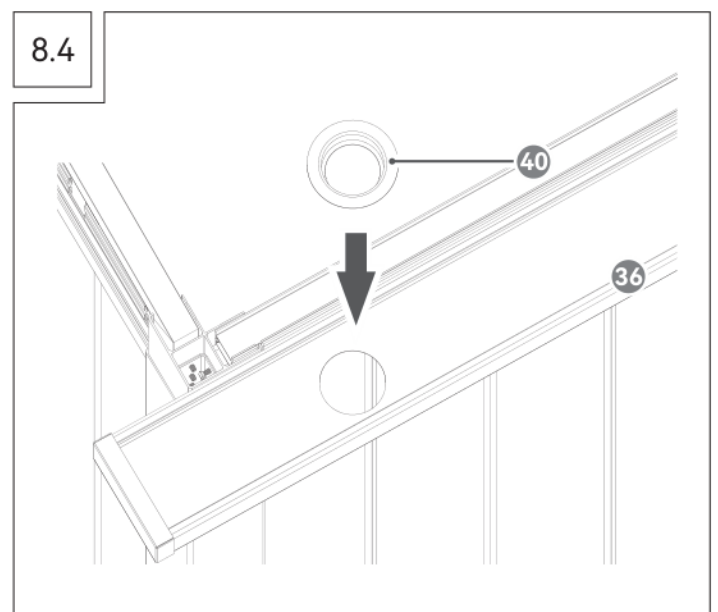
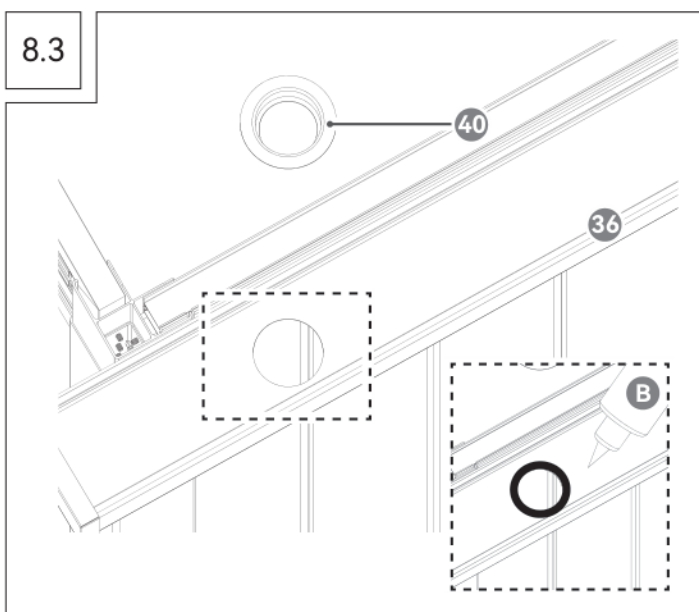


8 INSTALLING THE DOWNPIPE

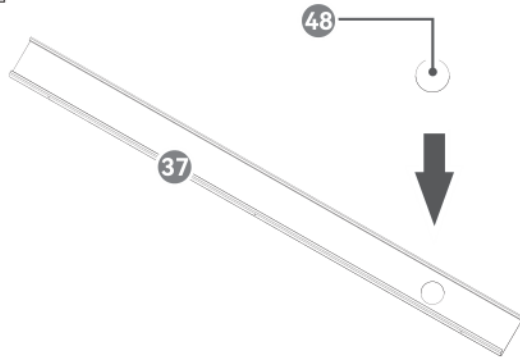
Note: For all composite materials, always pre-drill holes first.



Fix the gutter to the top of the back wall.

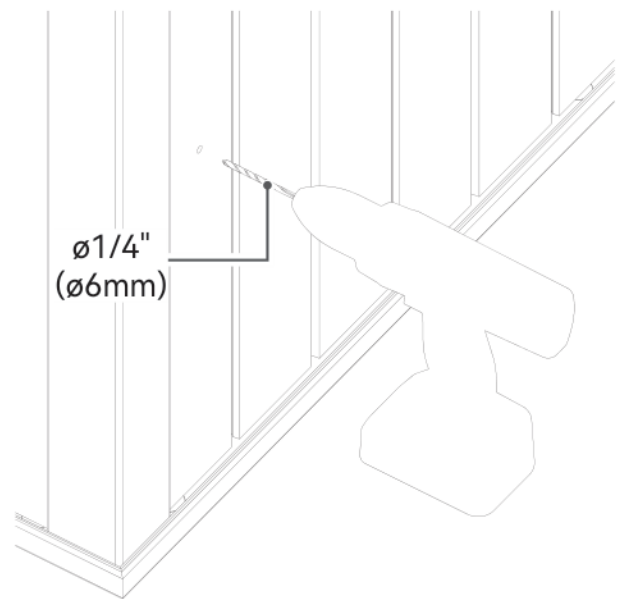
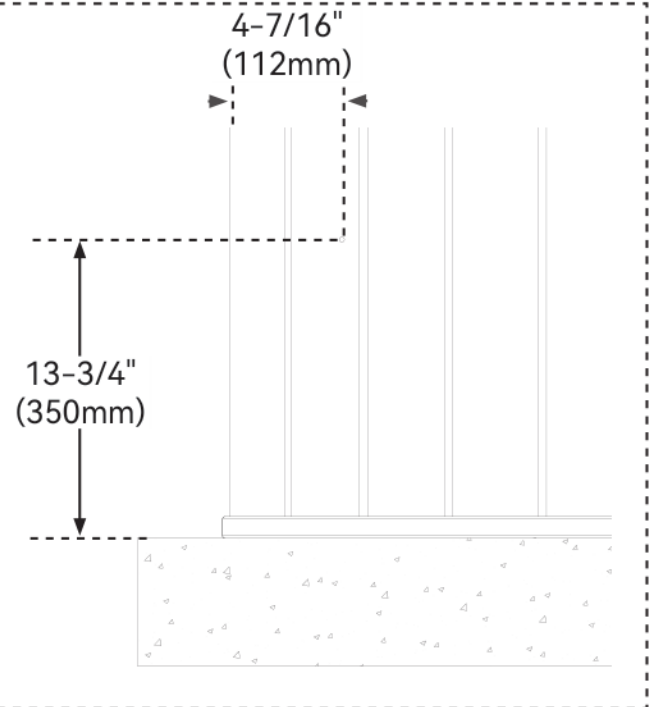
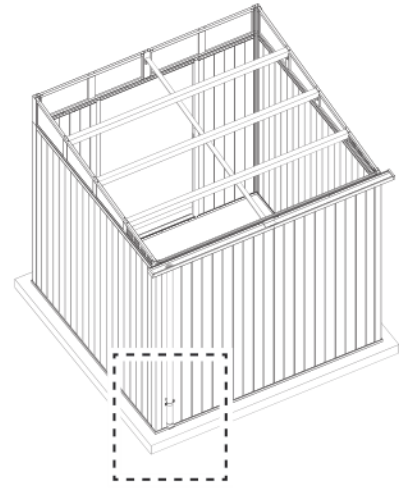


8.5

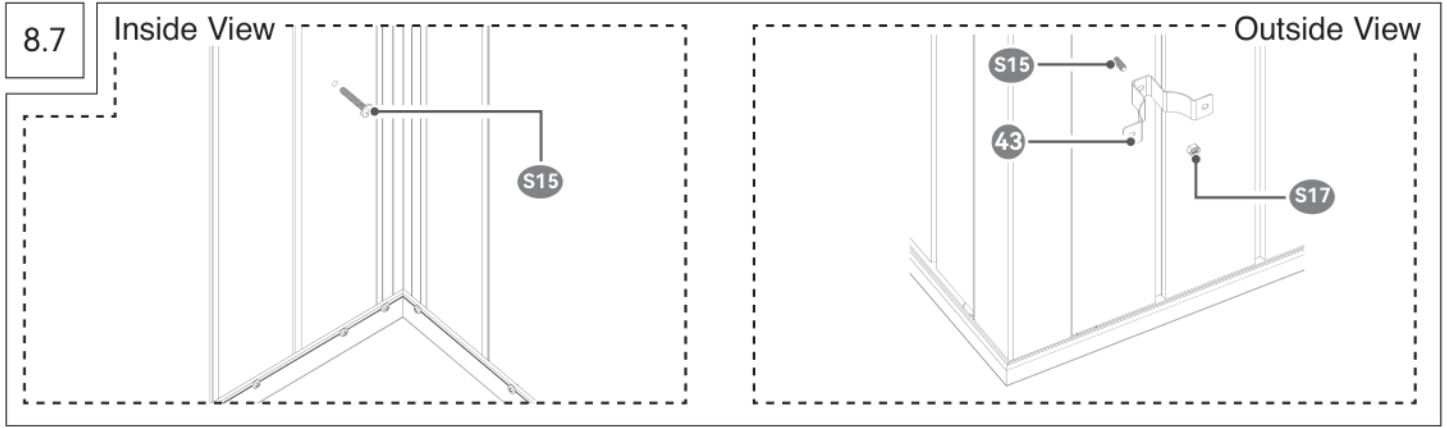


Seal off the hole on the other side of the gutter.

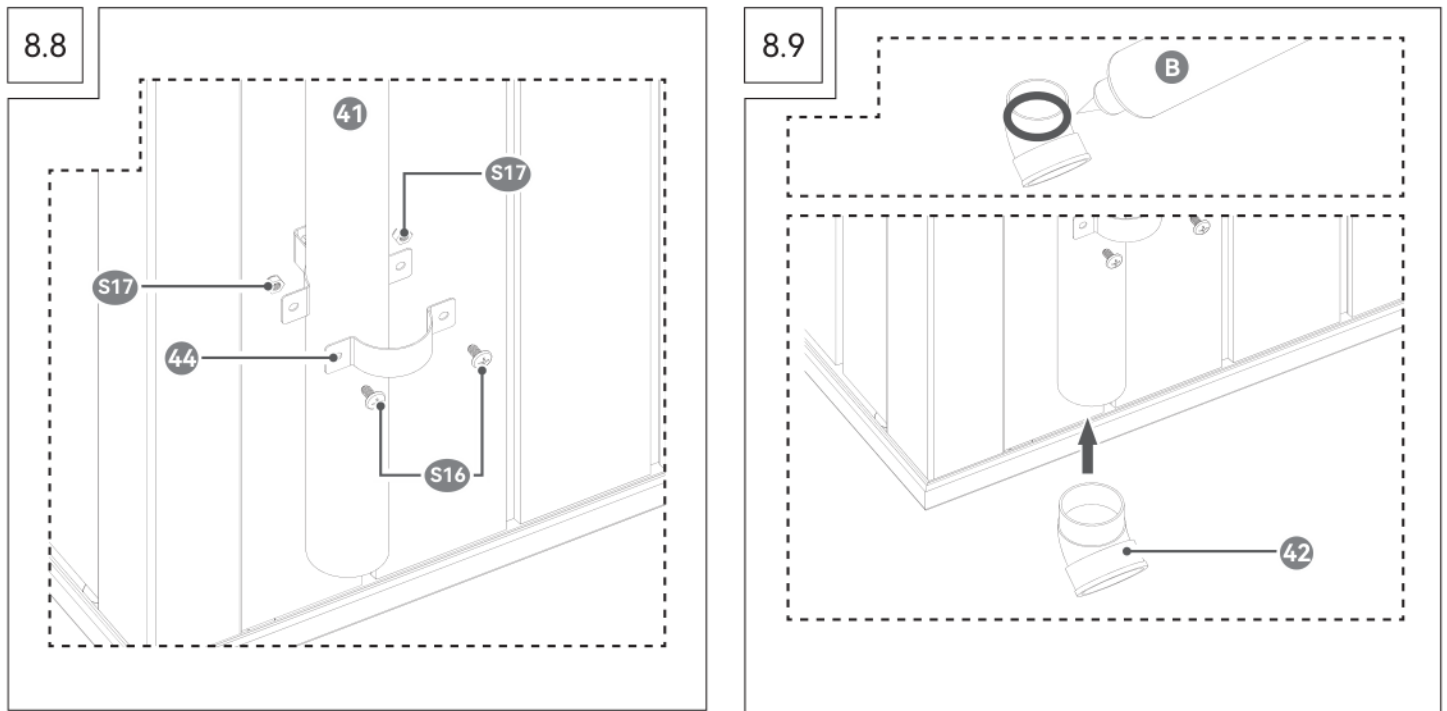
8.6



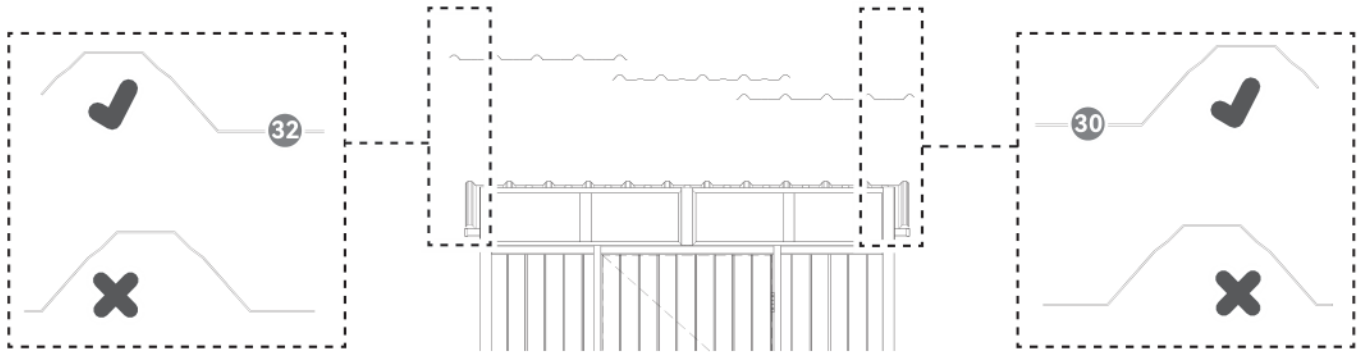
Measure the horizontal center of the downpipe.
Mark it on the wall plank at least 13-3/4" (350mm)
from the ground.



Pro-Tip: Hold the bolt from behind the wall to prevent it from turning.

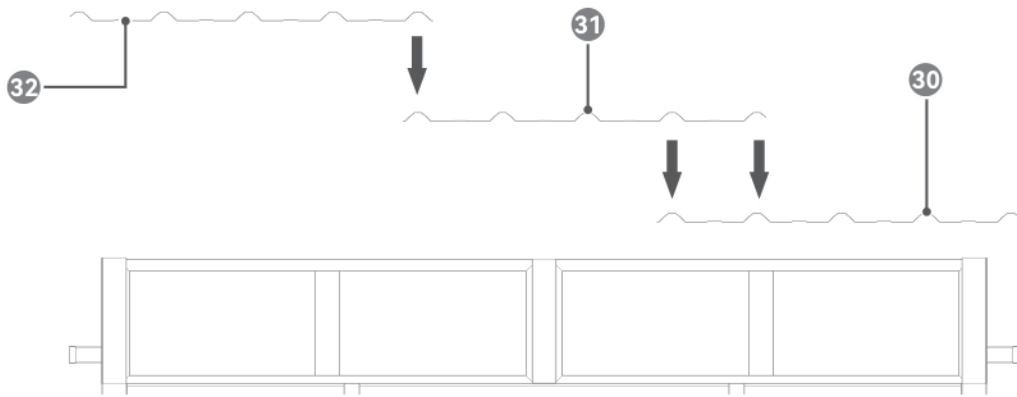


9.1



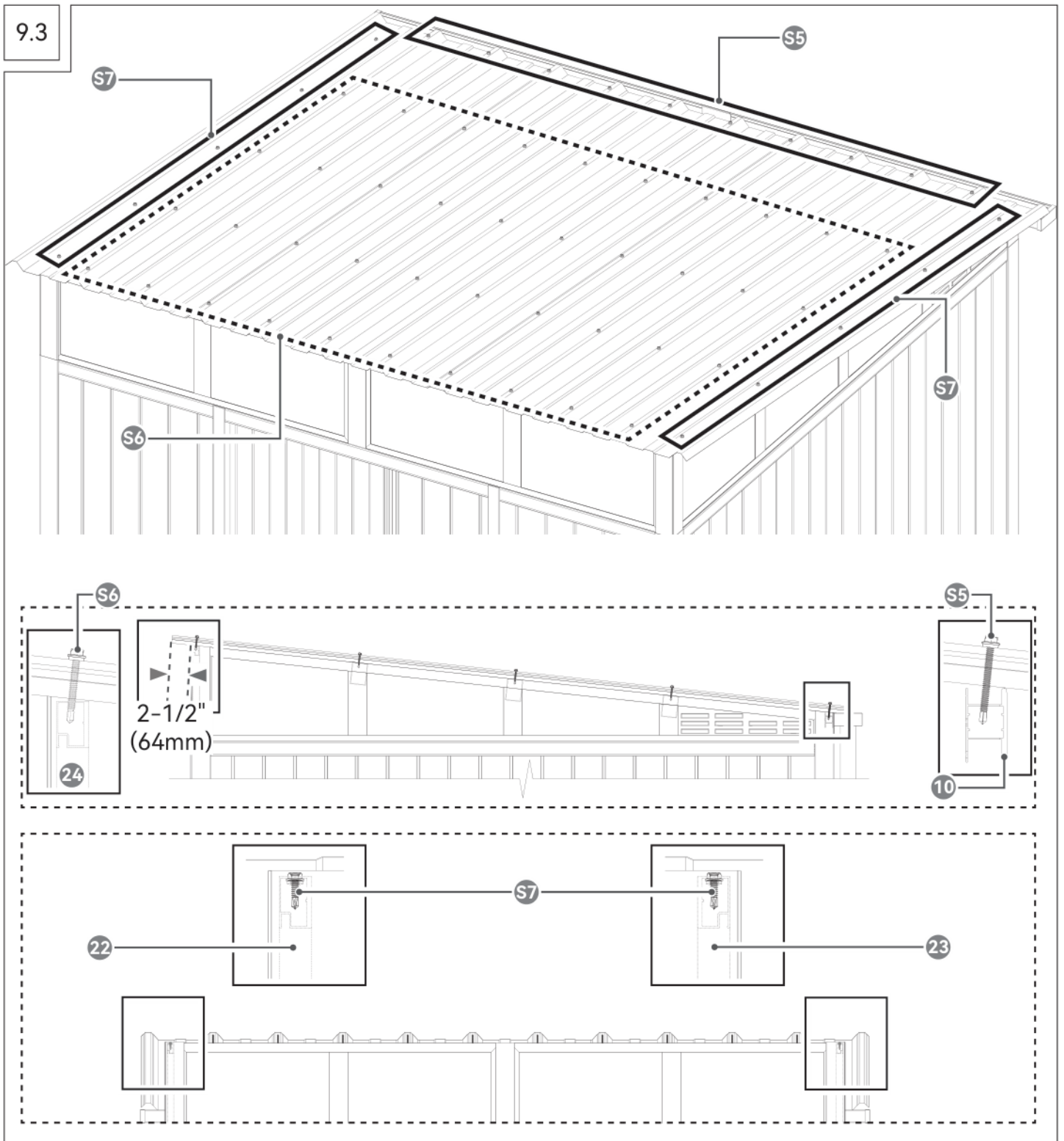
Note: The starting and ending crests are incomplete.

9.2



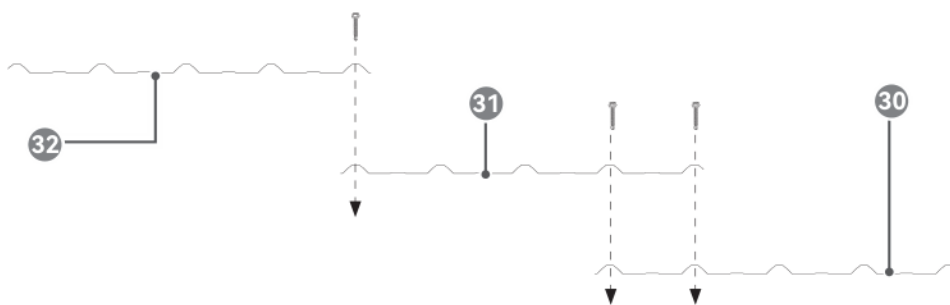
Note: Make sure the crests of the roof sheets overlap.

9.3



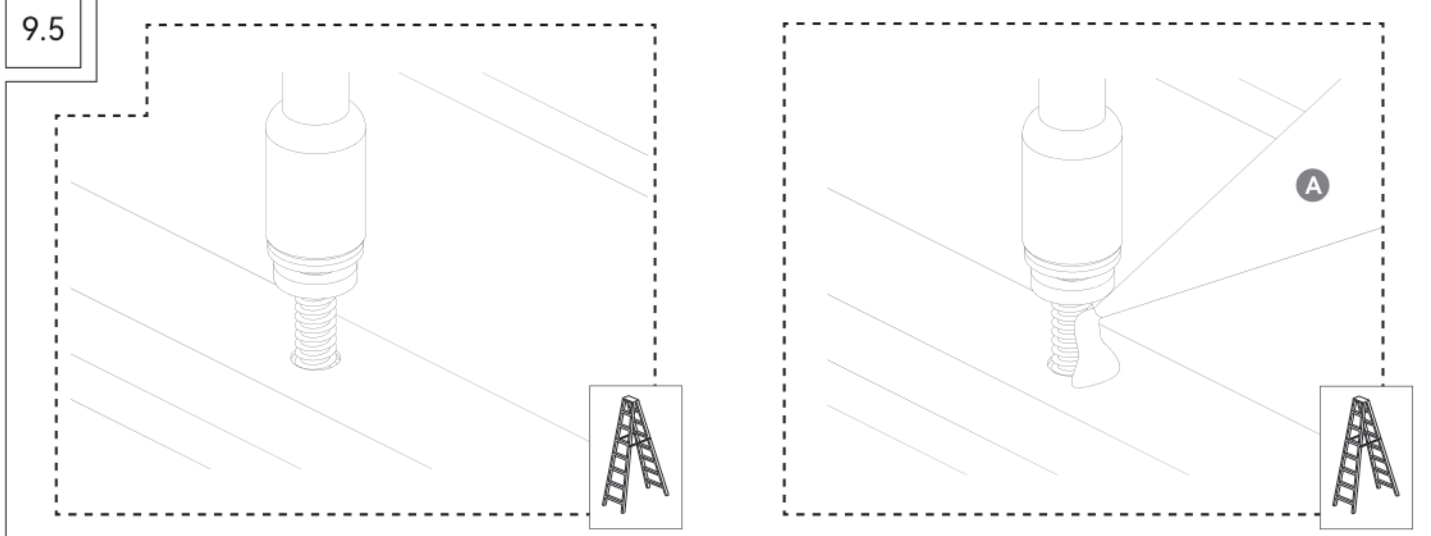
Note the different screws **S5** **S6** **S7** used for different areas of the roof sheets.

9.4



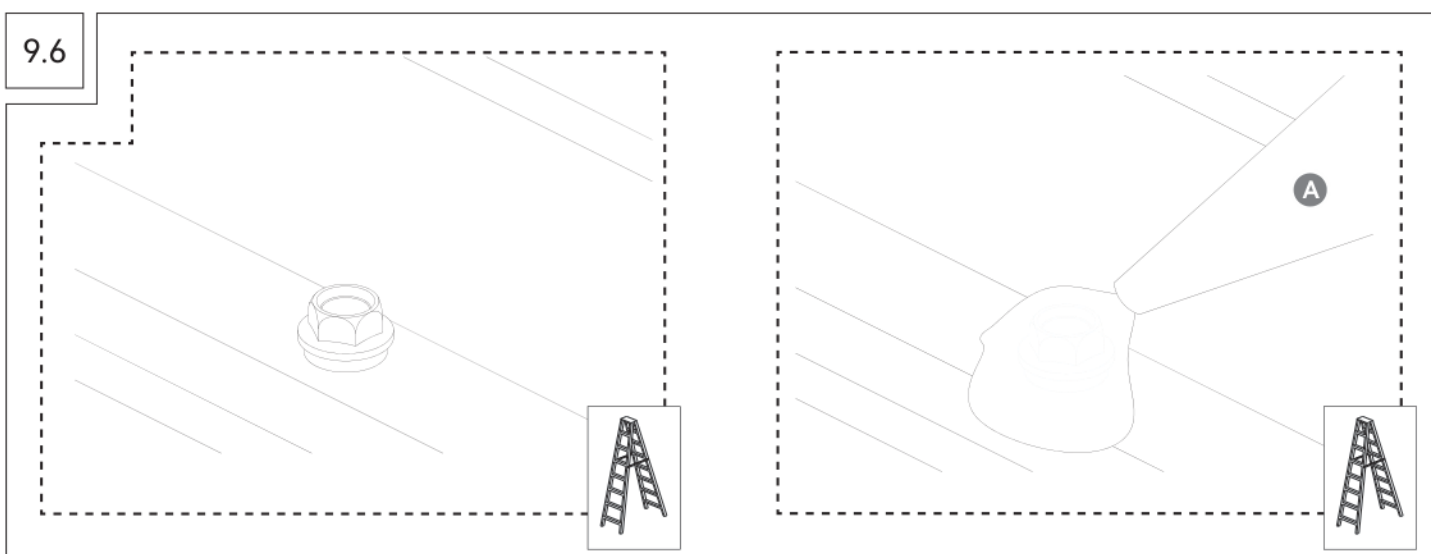
1. Note the positions of the screw holes. Align *all* the roof sheets *before* securing.
2. Use the screw to bore into, and secure, the roof sheet 31. Screw in the rest of the roof sheet.
3. Secure roof sheets 30 32.

9.5



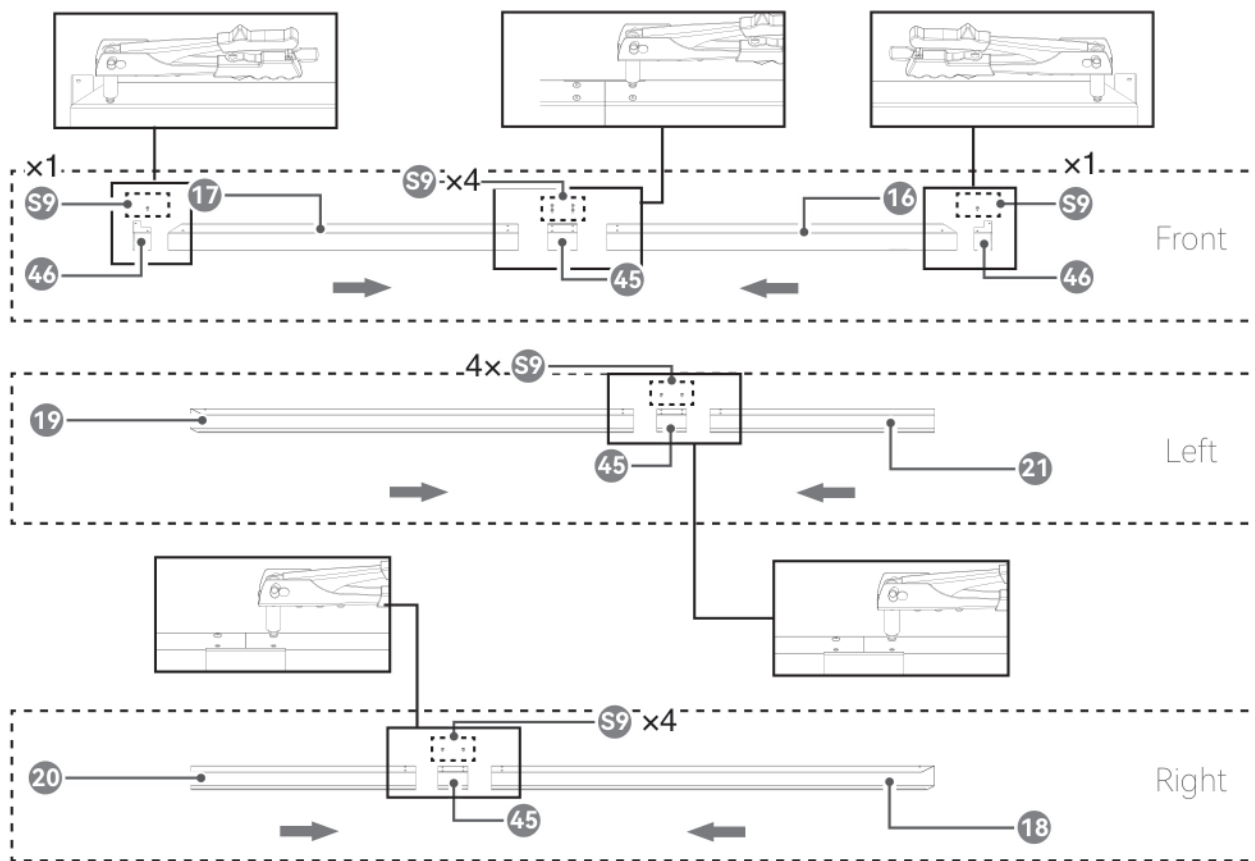
Screw the screws S5 S6 S7 only *halfway in*. Then apply a layer of silicone sealant to the screw.

9.6

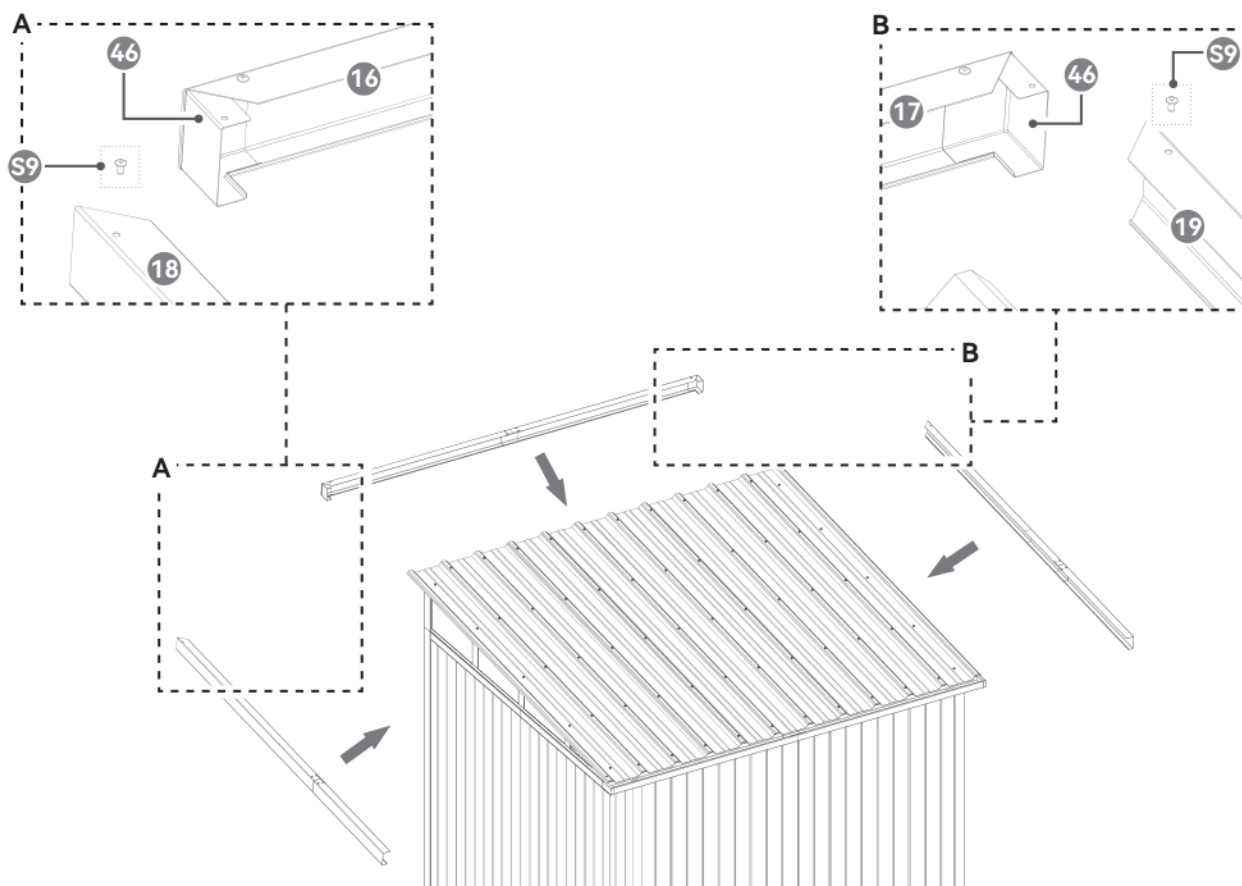


Screw in the screws S5 S6 S7 fully. Apply a layer of silicone sealant to the top of the screw.

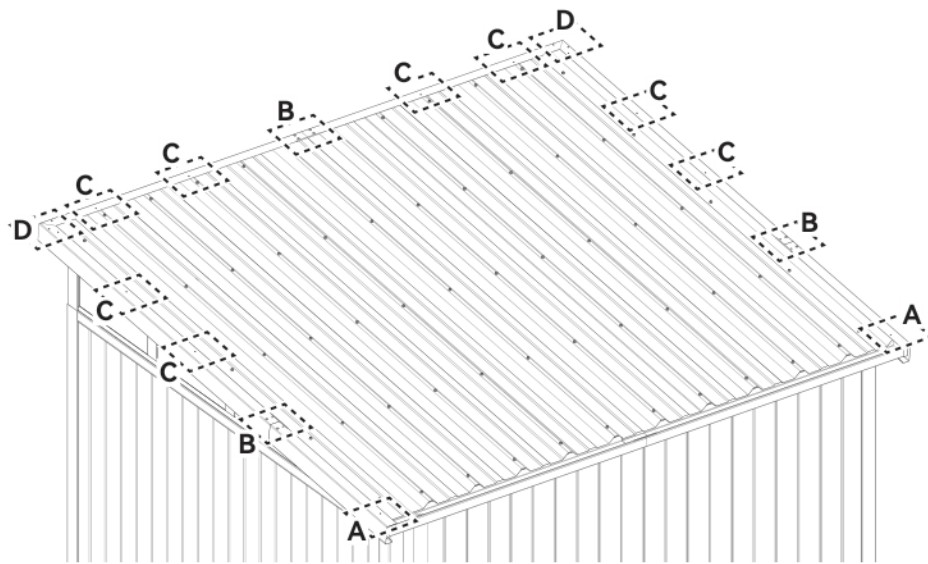
9.7



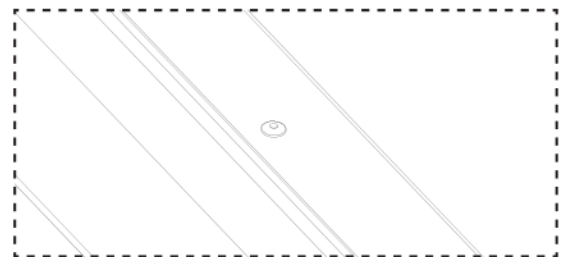
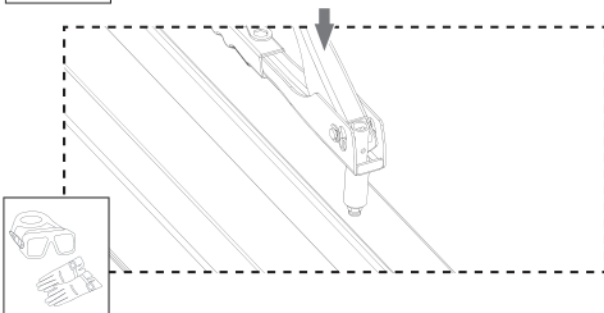
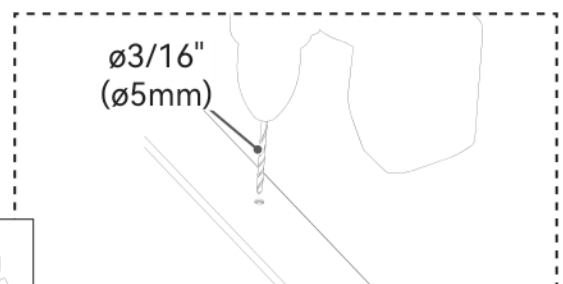
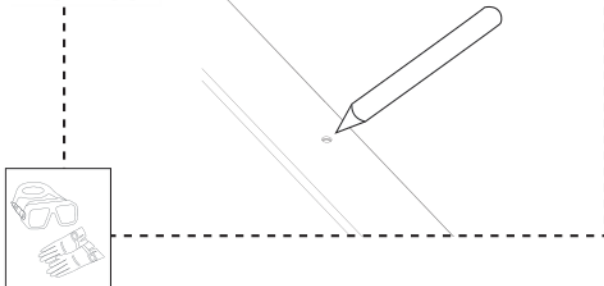
9.8



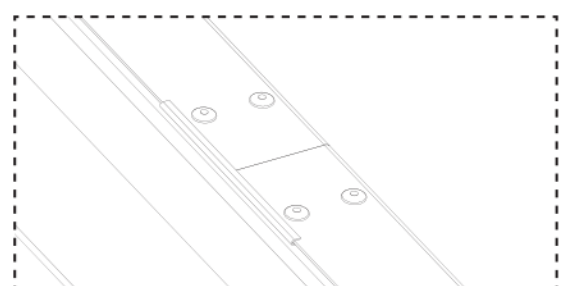
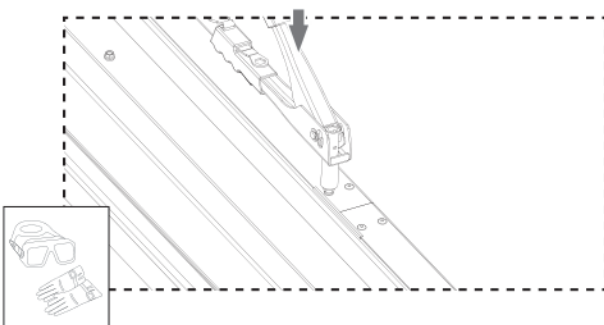
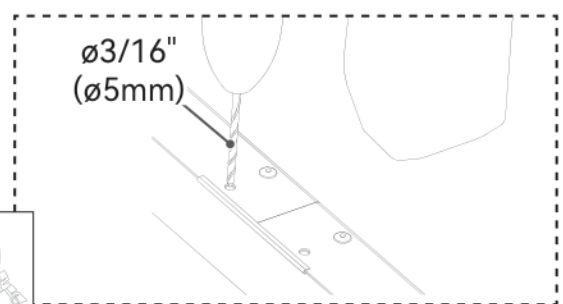
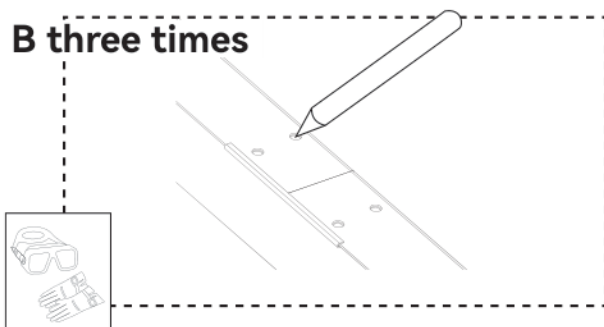
Align the roof trims with the roof sheets.



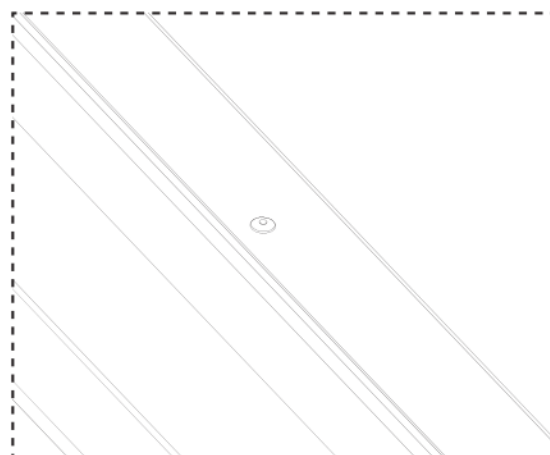
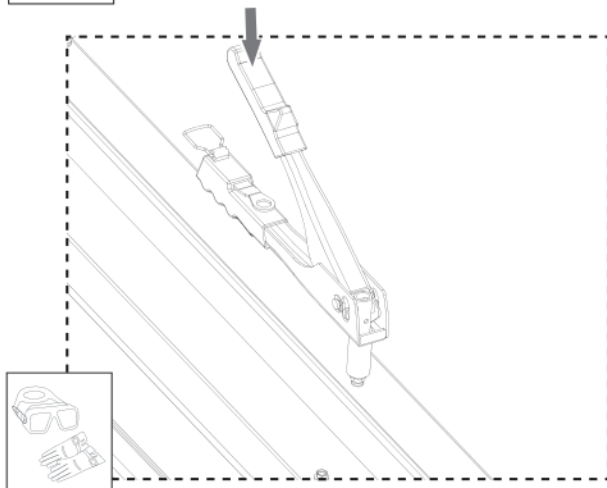
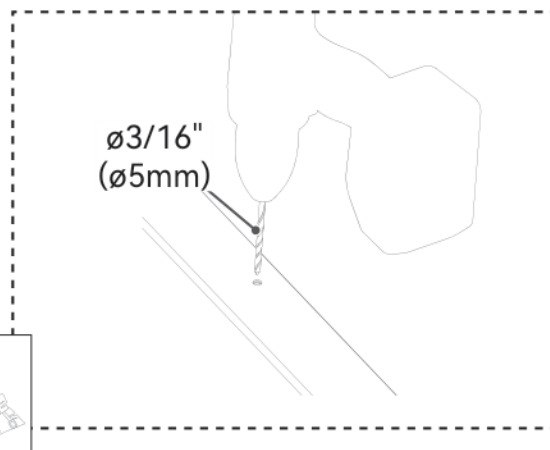
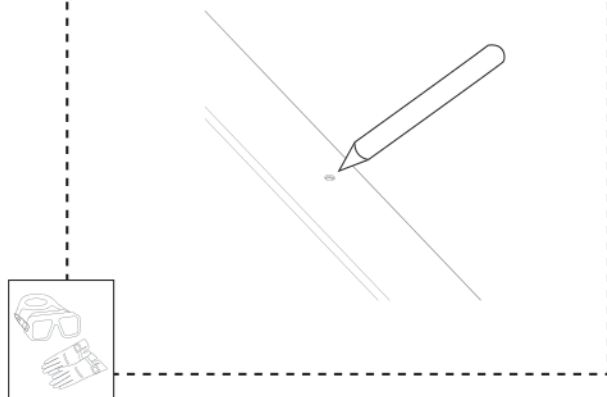
A twice



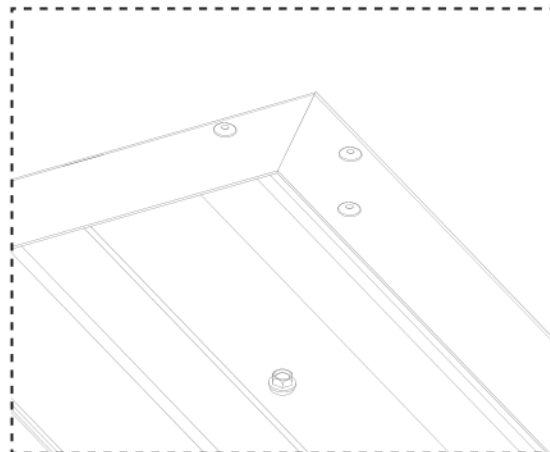
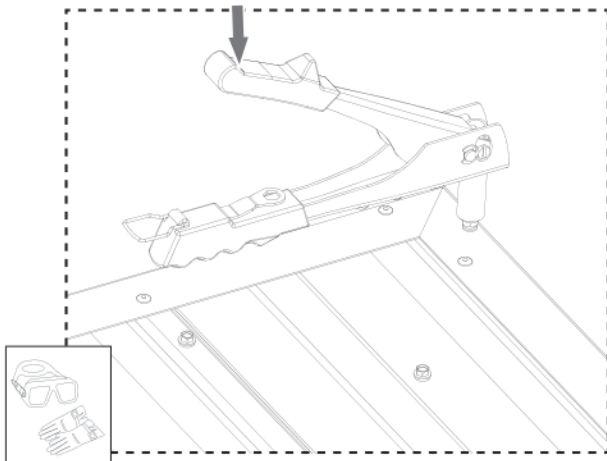
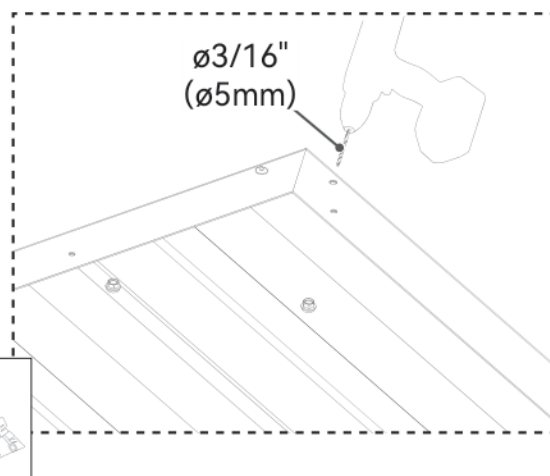
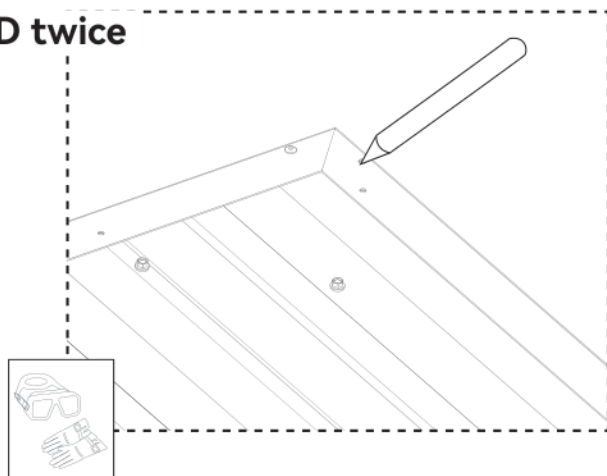
B three times



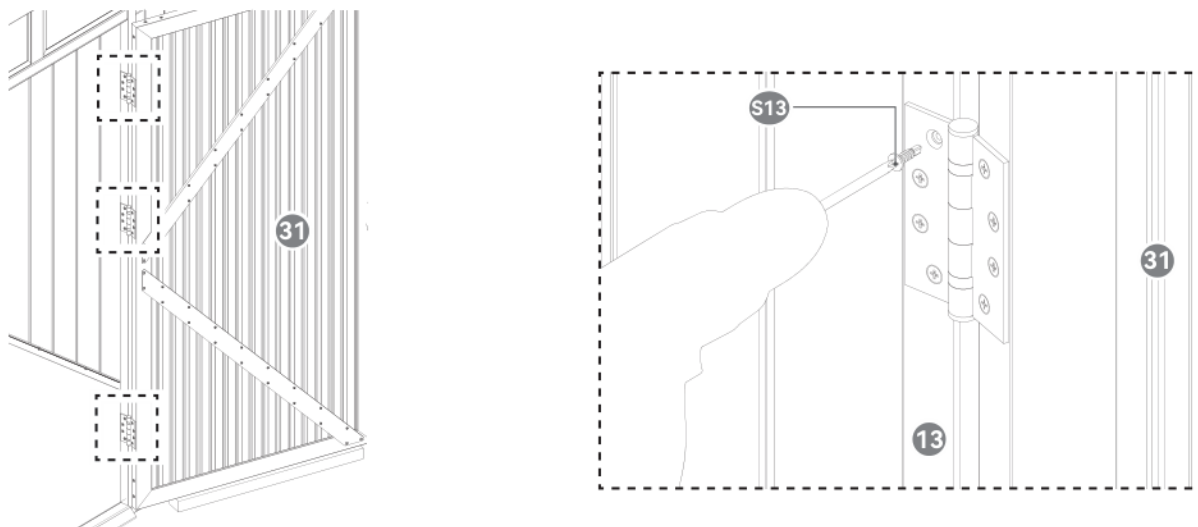
C eight times



D twice



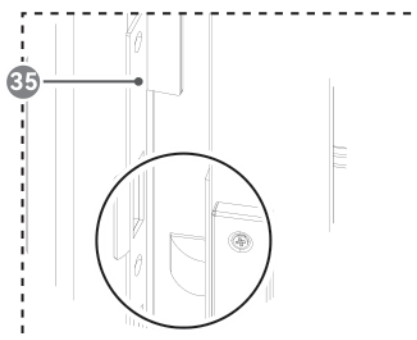
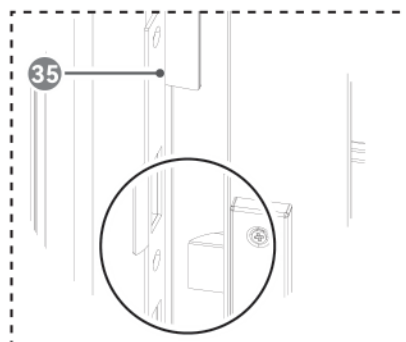
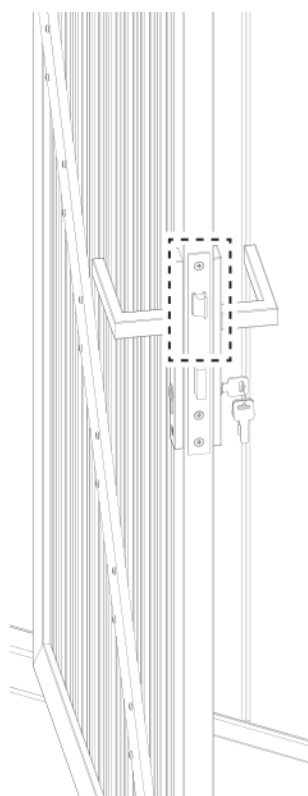
10 INSTALLING THE DOOR



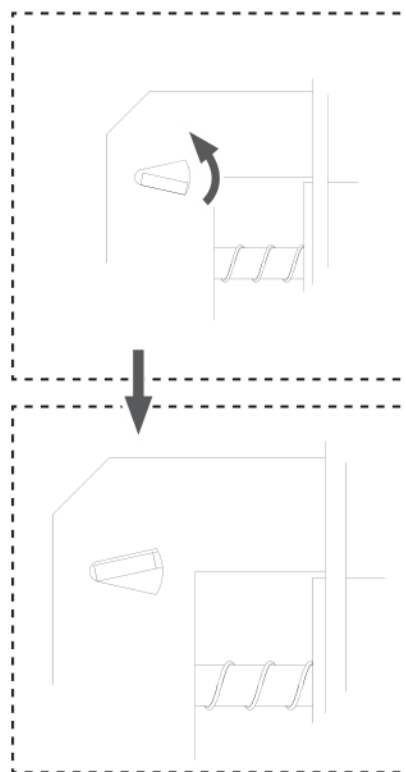
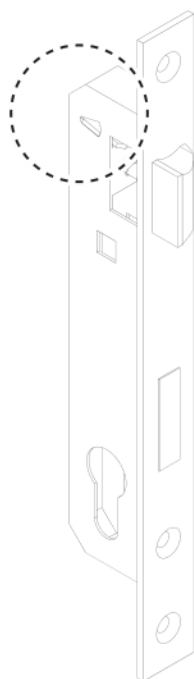
Fix the door hinges with screws **S13** to the door jamb **13**.

11 INSTALLING THE DOOR LOCK

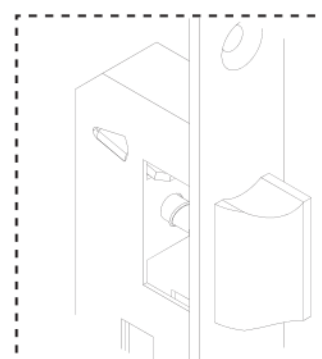
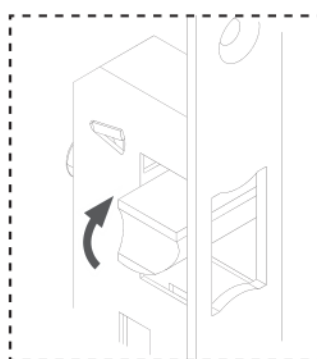
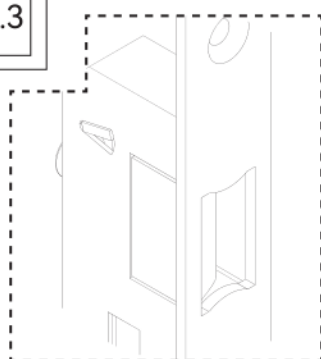
11.1



11.2

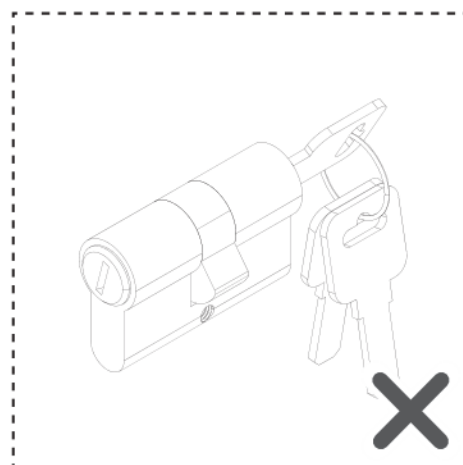
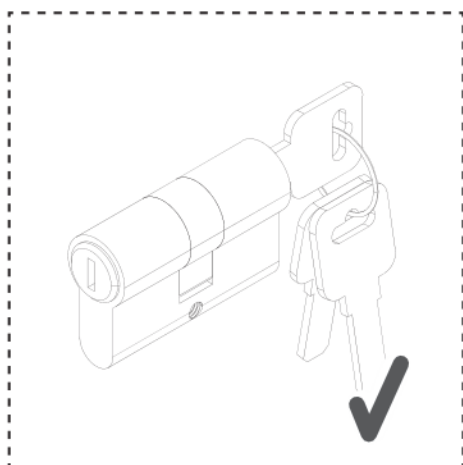


11.3

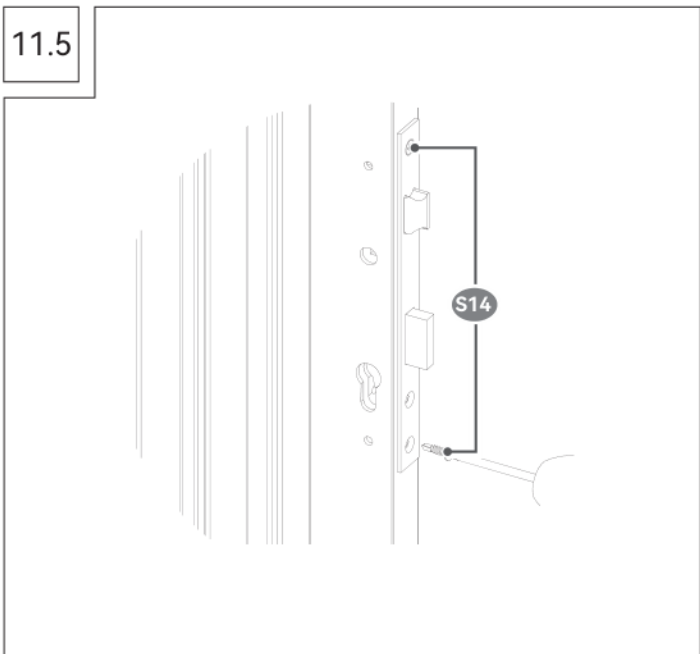


Push the latch inwards, then rotate it.

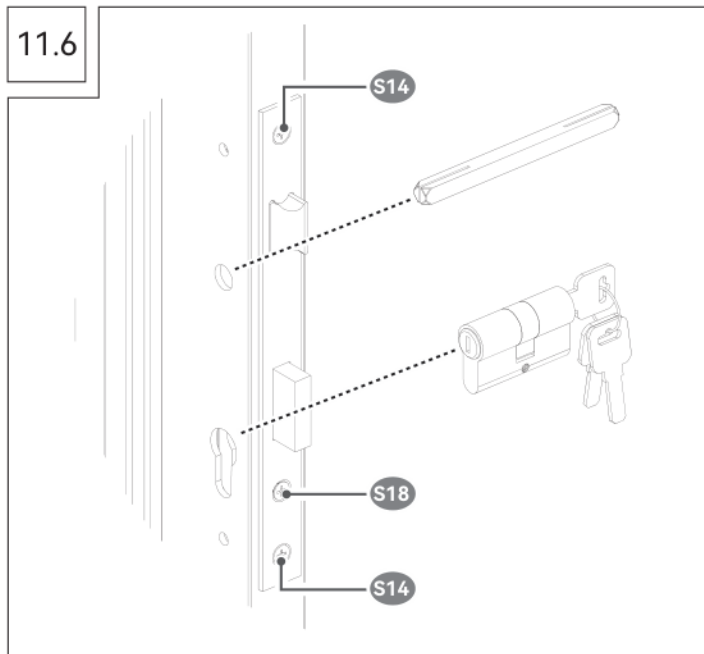
11.4



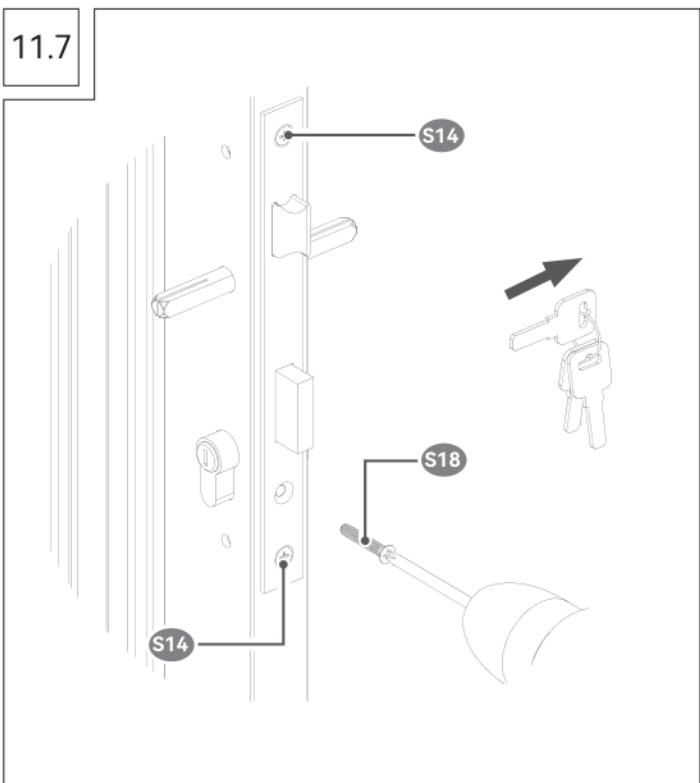
11.5



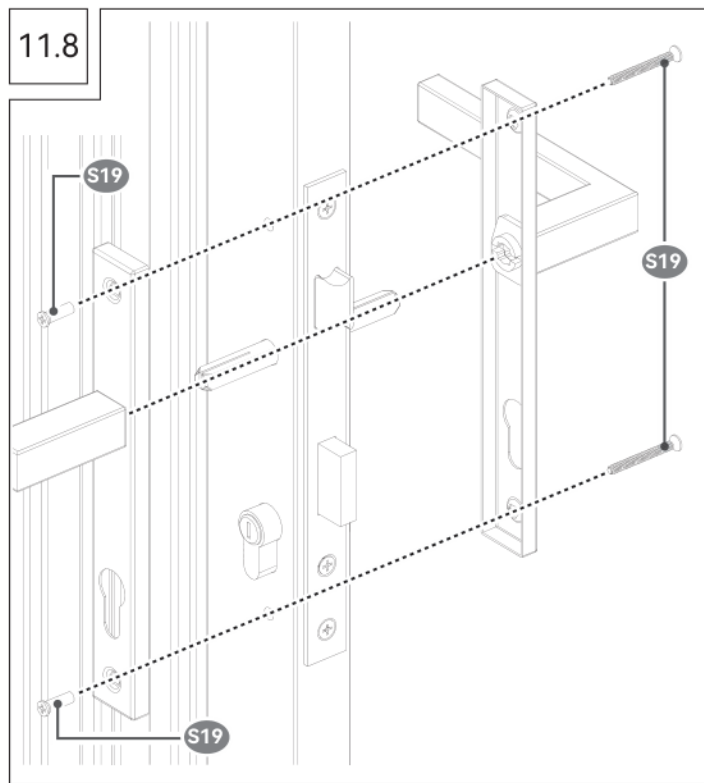
11.6



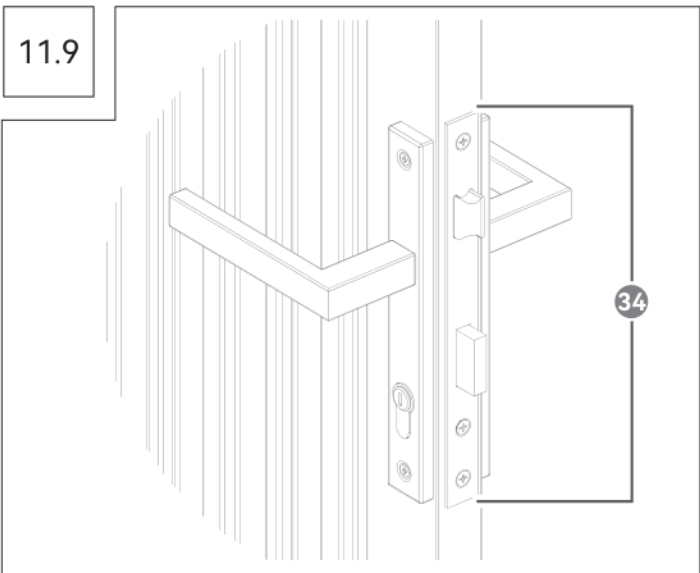
11.7



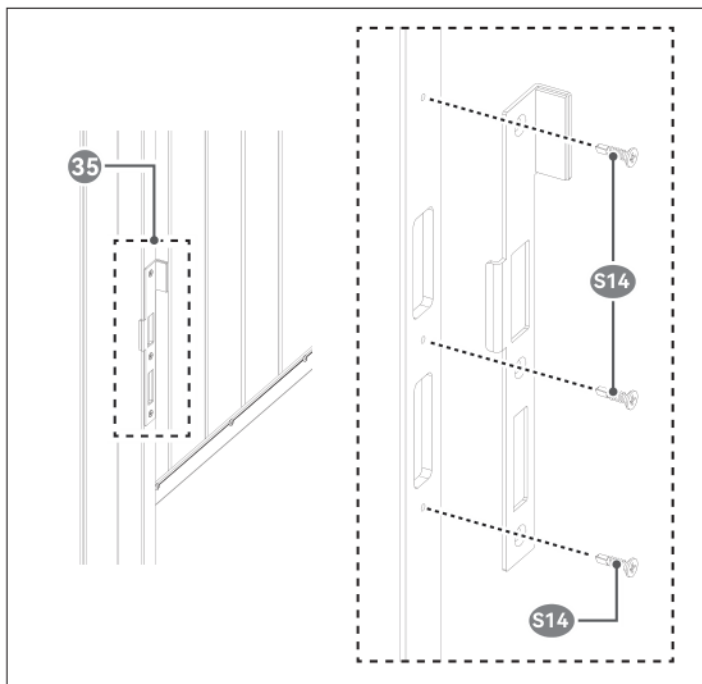
11.8



11.9



12 INSTALLING THE STRIKE PLATE



Secure the strike plate 33 to the door jamb.

THE FINISHED SHED



NOTES

NOTES

NOTES



Cella 77

Installation Guide

04.09.26 US

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