



ASSEMBLY MANUAL

GREENHOUSE TRE300 3 x 4m



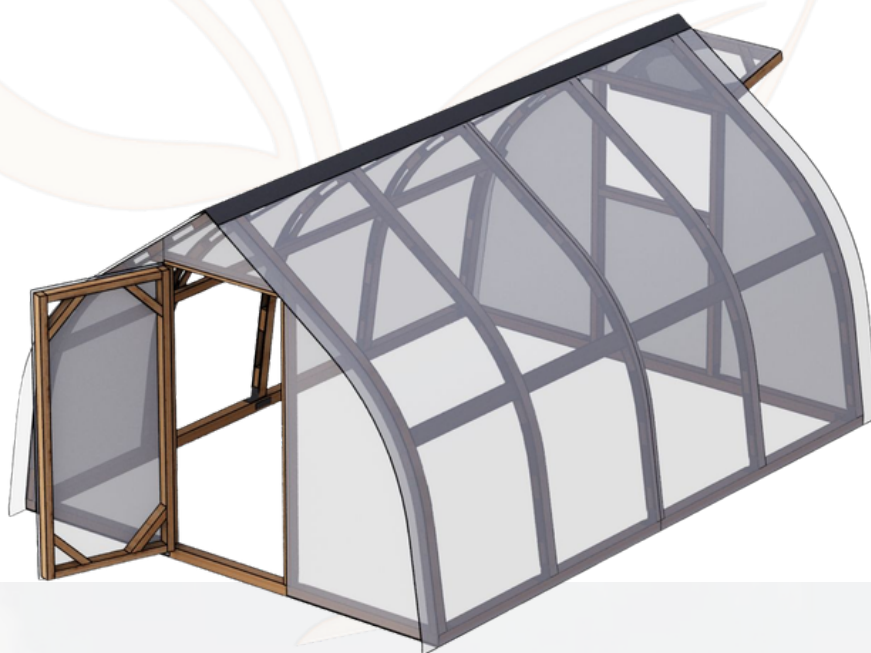
"A solid structure today – a peaceful harvest tomorrow."





WARRANTY

GREENHOUSE - TRE300



When the greenhouse is assembled in accordance with all provided installation instructions, the following warranties apply:



5-year warranty on the greenhouse frame.



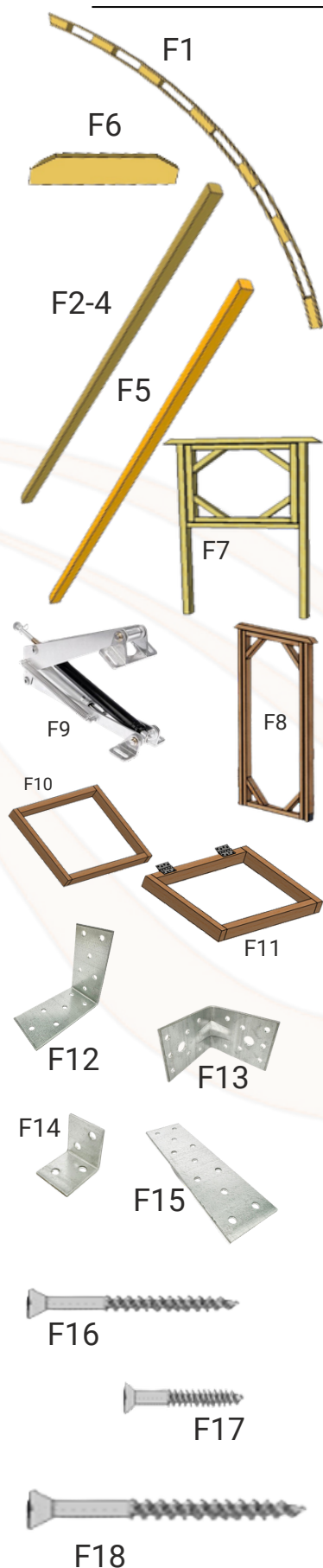
10-year warranty on polycarbonate multiwall panels.

"Built with care, this greenhouse is more than a structure — it is a place where quality meets nature and growth begins."



Materials List

TRE300 - 3 x 4m

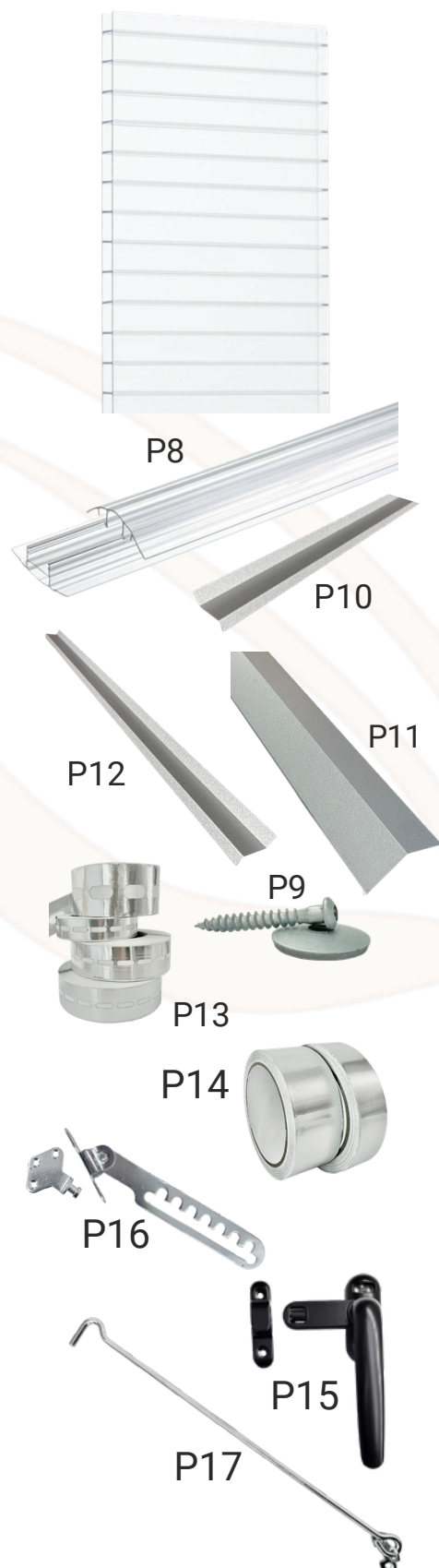


Code	Name	Qty.	mm
F1	Arches for both sides. (+2pcs. for each 2m extension)	10pcs.	
F2	Side foundation beams. (+2pcs. for each 2m extension)	4pcs.	45 x 70 x 2000
F3	End foundation beams.	2pcs.	45 x 70 x 2850
F4	Ridge beam. (+1pc for each 2m extension)	2pcs.	45 x 70 x 2000
F5	Horizontal beam between the arches. (+2pcs. for each 2m extension)	4pcs.	20 x 95 x 2000
F6	Arch connection plates. (+4pcs. for each 2m extension)	8pcs.	
F7	Rear window with frame.	1pcs.	
F8	Door with frame.	1pcs.	
F9	Automatic Vent Opener MEGAVENT (+1pc. for each set.)	1pcs.	*If bought together.
F10	Roof window frame. (+1pc. for each set.)	1pcs.	*If bought together.
F11	Roof window. (+1pc. for each set.)	1pcs.	*If bought together.
F12	Angle brackets for the foundation beams.	4pcs.	80 x 80 x 40
F13	Angle brack. for arches, door, and rear window. (+2pcs. for each 2m extension)	16pcs.	70 x 70 x 55
F14	Angle brackets for the arch connection plates. (+4pcs. for each 2m extension)	8pcs.	30 x 30 x 25
F15	Connector plate (+3pcs. for each 2m extension)	3pcs.	40 x 140
F16	Wood screws for angle brackets and conn. plates. (+50pcs. for each 2m extension)	190pcs.	4.5 x 40
F17	Wood screws for the arch connection plates. (+10pcs. for each 2m extension)	32pcs.	4 x 16
F18	Wood screws for the roof window frame. (+10pcs. for each roof window set.)	10pcs.	5 x 90

Materials List

TRE300 - 3 x 4m

P1-7

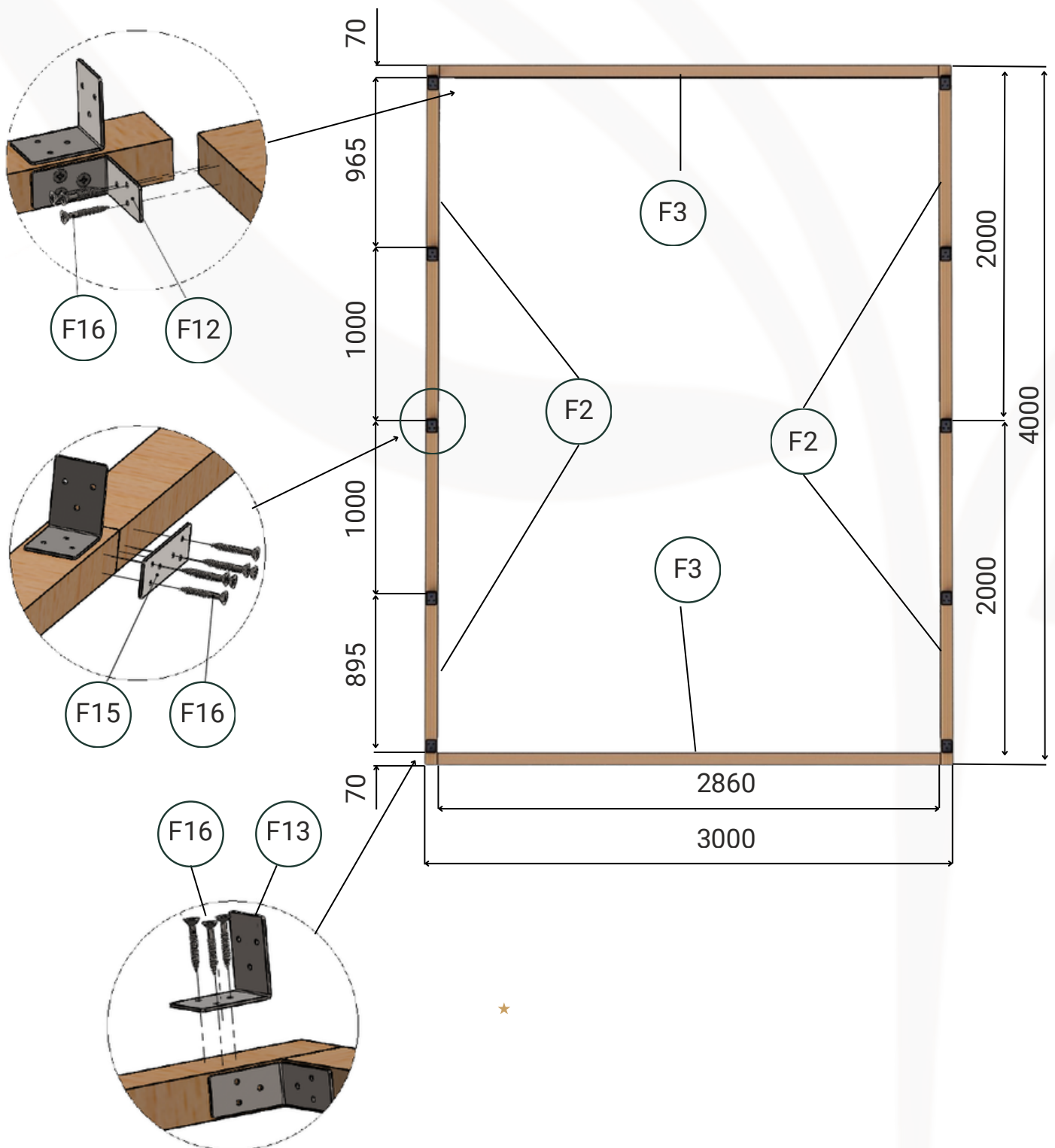


Code	Name	Qty.	mm
P1	Polycarbonate for sides. (+2pcs. for each 2m extension)	4pcs.	2100 x 3000
P2	Polycarbonate for back and front.	4pcs.	1100 x 1940
P3	Polycarbonate for door.	1pcs.	760 x 1900
P4	Polycarbonate for back window frame.	1pcs.	780 x 1130
P5	Polycarbonate for back window.	1pcs.	780 x 760
P6	Polycarbonate for ends.	2pcs.	1180 x 480
P7	Polycarbonate for roof window (if bought together +1pc. for each set.)	2pcs.	900 x 450
P8	EasyClick profile. (+2pcs. for each 2m extension)	2pcs.	3000
P9*	*Wooden screws with washers. (+50pcs. for each 2m extension)	250pcs.	5 x 40/5 x 50mm
P10	Roof window metal profile. (if bought together +1pc. for each set.)	2pcs.	1100
P11	Ridge profile. (+1pcs. for each 2m extension)	2pcs.	2200
P12	Front and rear metal profiles.	3pcs.	1100
P13	Perforated aluminium tape.	1pc.	25 x 25m
P14	Aluminium tape for isolation.	1pc.	25 x 25m
P15	Door handle.	2pcs.	
P16	Manual window stay.	1pcs.	
P17	Door hook.	1pcs.	

*5 x 40 mm screws are supplied with 6 mm and 10 mm polycarbonate panels,
and 5 x 50 mm screws are supplied with 16 mm panels.

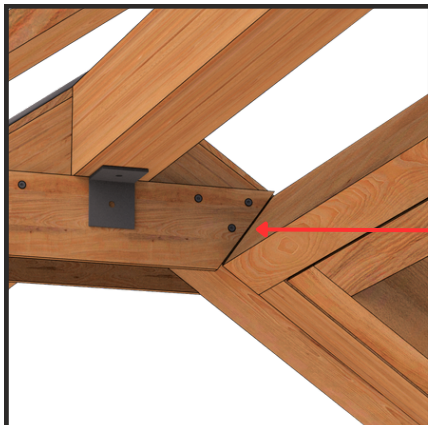
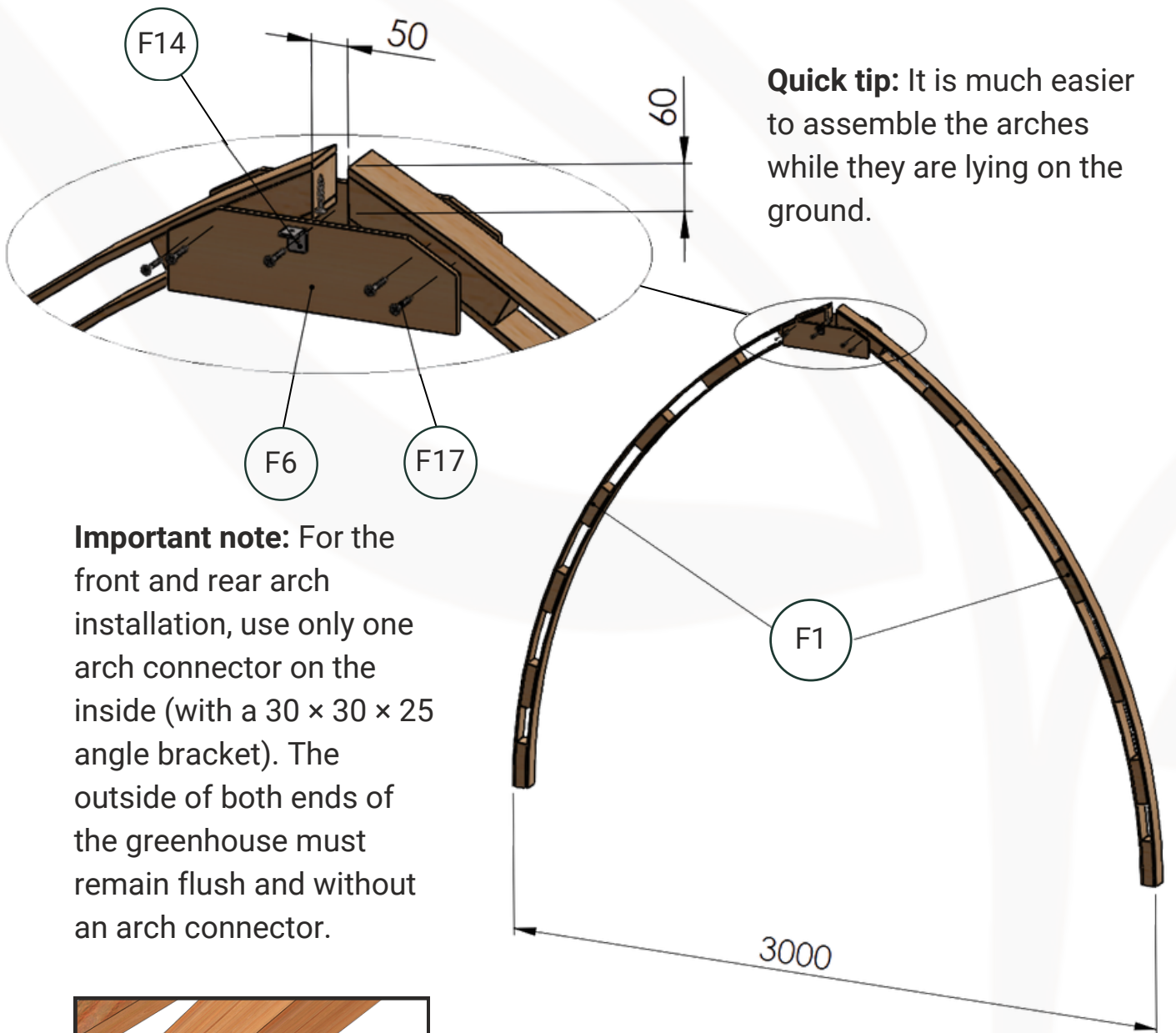
Assembly of the foundation ring

Fasten all angle brackets and plates to the side beams of the foundation ring using F16 screws (6 pcs per component) according to the illustration, then assemble the foundation ring.



Assembly of the arches

Connect the arches using arch connectors on both sides, leaving a gap of 50 mm in width and 60 mm in height between them. One of the connectors should include a $30 \times 30 \times 25$ angle bracket.

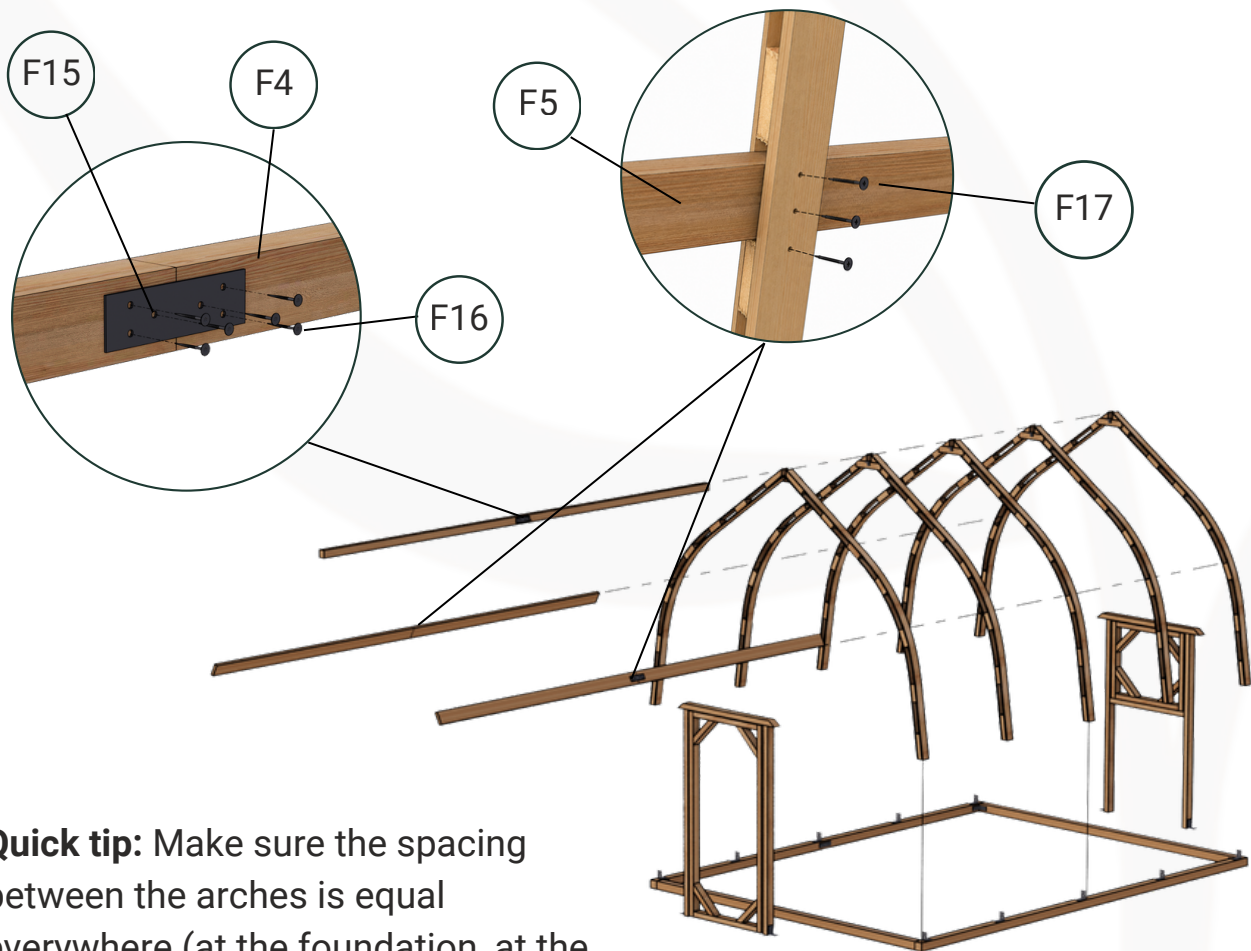


If your greenhouse includes a roof window, adjust the arch connection plates where the window will be installed before fastening, following the image and window assembly instructions (PAGE 10). Proper alignment is required for correct roof window installation.

Installation of the arches onto the foundation ring

Connect the ridge beam (F4) to the perforated plate (F15) using 4.5 × 40 mm screws (F16) from one side.

Attach the horizontal beam (F5), installed between the arches, to the arches themselves from the inner side using 4 × 16 mm screws (F17).



Quick tip: Make sure the spacing between the arches is equal everywhere (at the foundation, at the horizontal beams, and at the roof).

Place the arches onto the foundation ring one by one. Ensure that the arches remain upright and do not fall over. When the second arch has been raised and secured to the foundation using an angle bracket (F13) and 4.5 × 40 mm screws (F16), insert the horizontal beams through the fourth hole from the ground and fasten them to the arches from the inside using 4.5 × 40 mm screws (F16). Both the door and the rear window with frame must be installed after all arches and beams are in place.

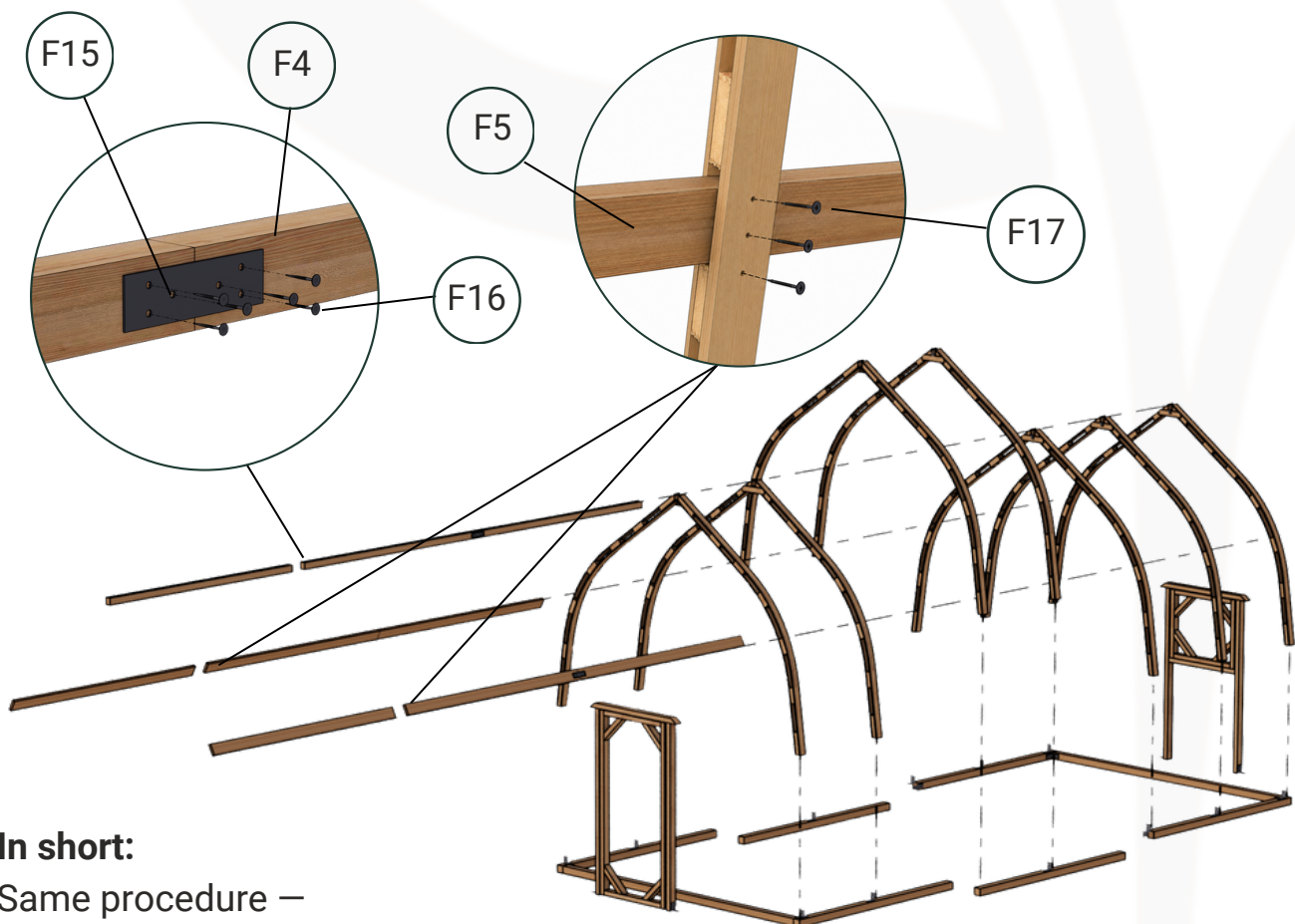
Greenhouse 6 m, 8 m, 10 m or 12 m lenght

If you have purchased a greenhouse with a length of 6, 8, 10, or 12 meters, the assembly follows exactly the same principle as described in the installation instructions.

The construction is modular, and the components are identical in design and function. The only difference is that the greenhouse consists of more arches, beams, and connections that need to be assembled.

You therefore repeat the same assembly process for each additional section:

- Lift and place the arches one by one onto the foundation ring
- Ensure equal spacing between the arches throughout
- Install the horizontal beams in the same way between each arch
- Fasten all components using the specified perforated plates and screws

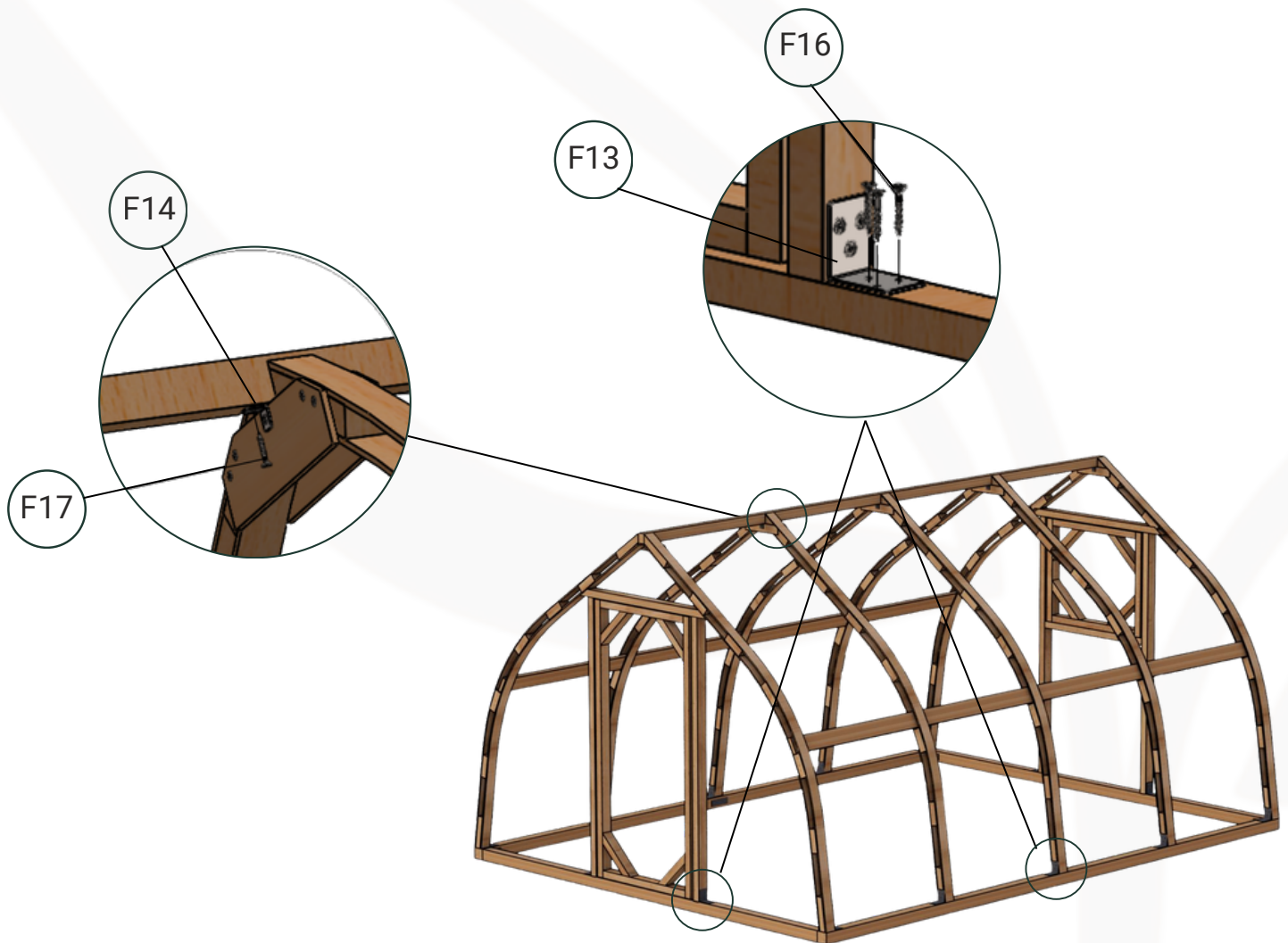


In short:

Same procedure —
more identical modules.

This makes the extended models easy to assemble, while the structure maintains the same strength and stability regardless of length.

Both the door and the rear window with frame must be installed after all arches and beams are in place.

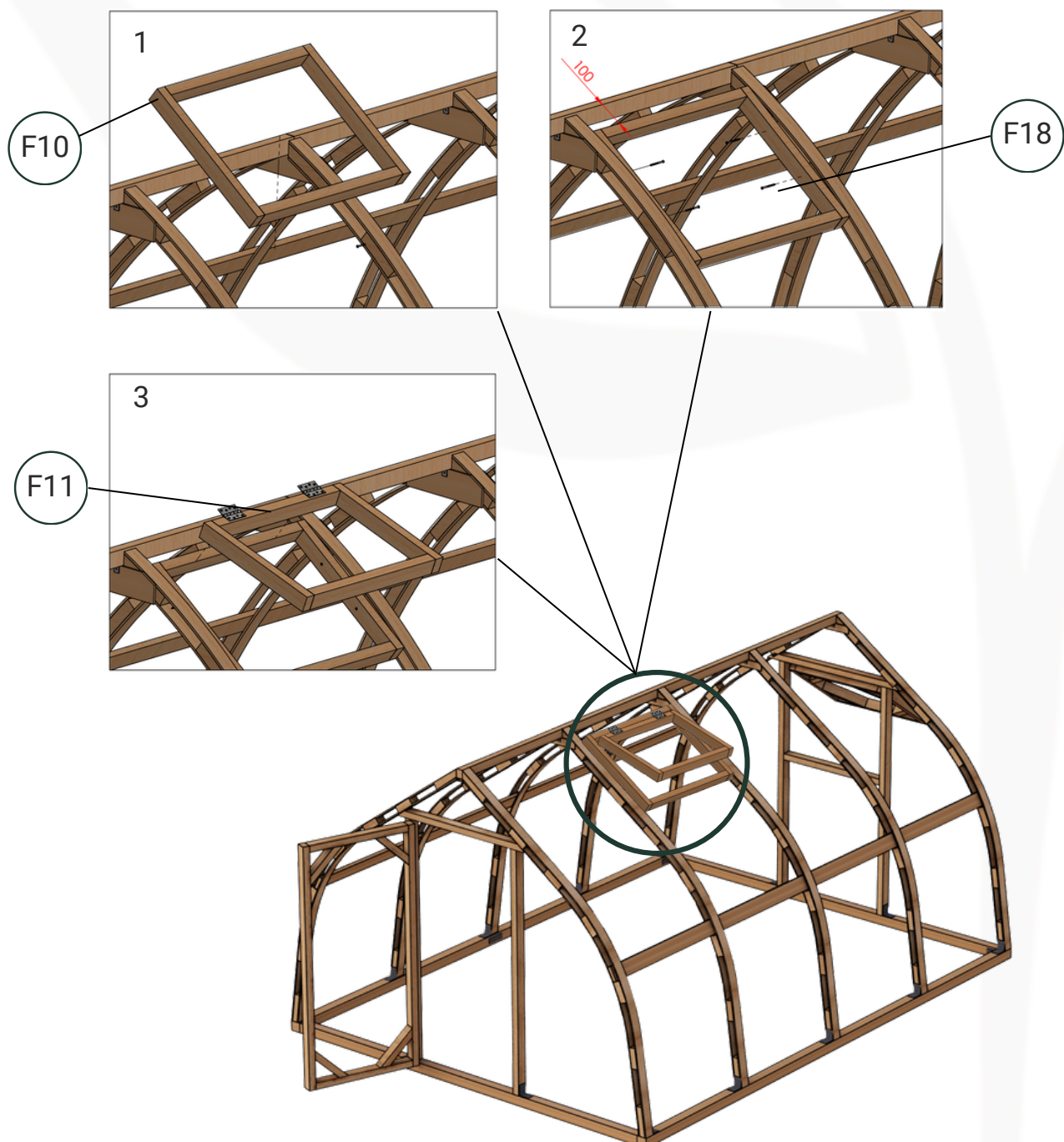


Important note: The greenhouse is made of wood, and wood is a natural material that may move over time. Therefore, in some cases it may be necessary to adjust the door or rear window frame during installation, and, if needed, make minor adjustments or trim the corners.

Installation of the roof window*

Place the roof window frame between the arches, approximately 100 mm from the ridge beam, and fasten it to roof window frame F18 using wood screws.

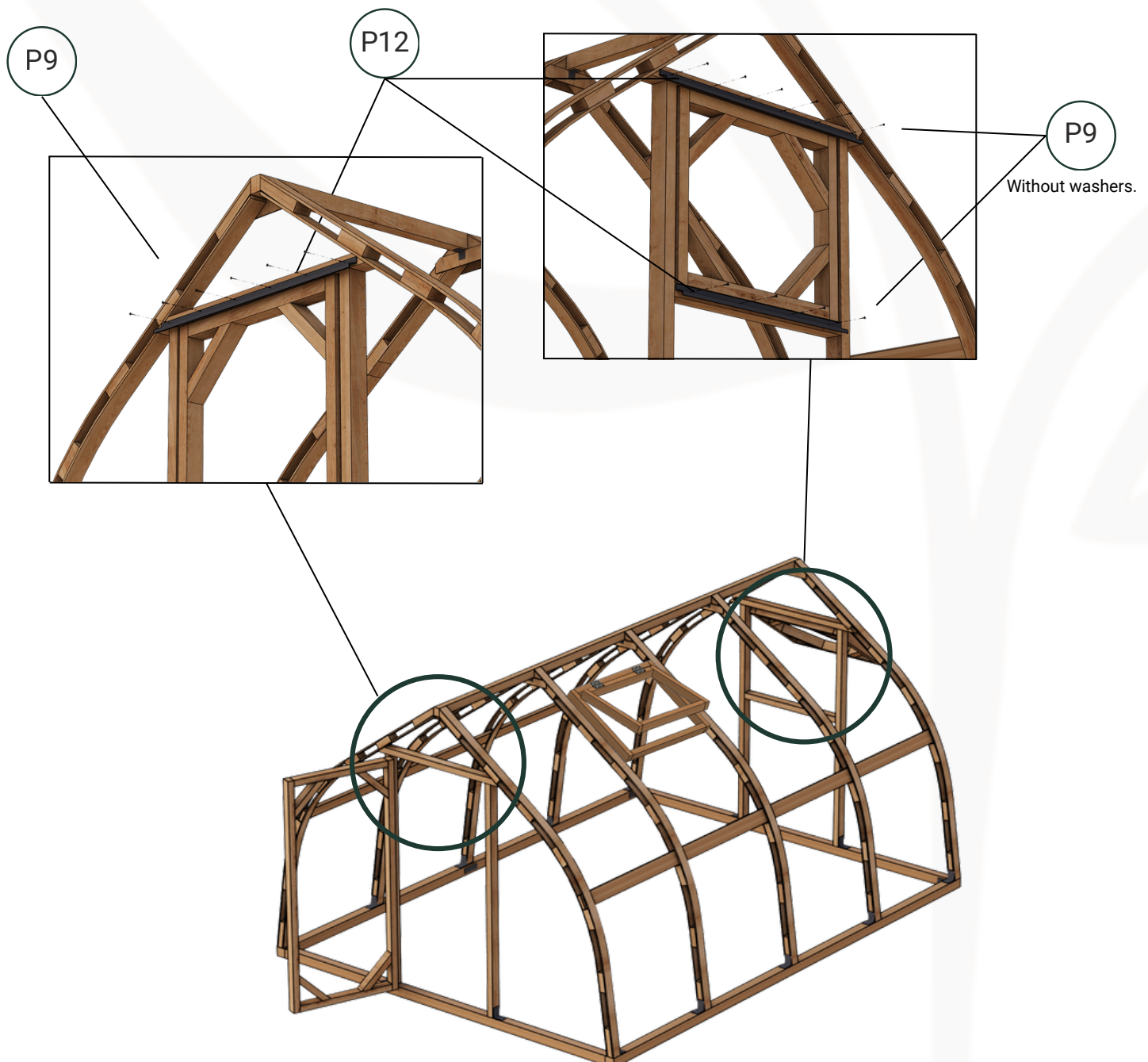
Install the window into the roof window frame by securing it with hinges and wood screws (use the numerical system to make assembly easier).



*If you have purchased a greenhouse without roof windows, these steps can be skipped.

Installation of metal profiles

Adjust the front and rear metal profiles (P12) to fit the rear window and entrance door by cutting them to the correct length. Install the front and rear metal profiles (P12) for protection against rain. Use polycarbonate screws (P9) without washers for fastening. Three to four screws per panel are sufficient.

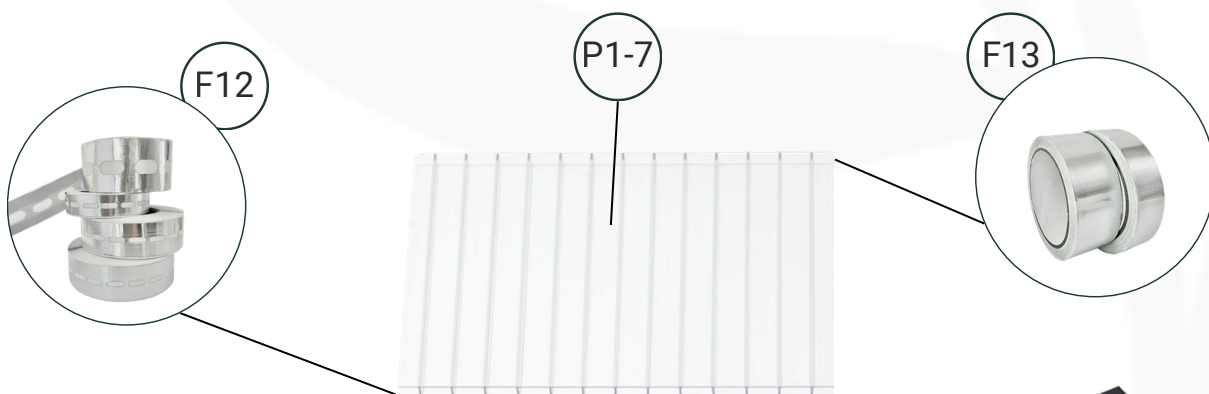


Installation of polycarbonate panels

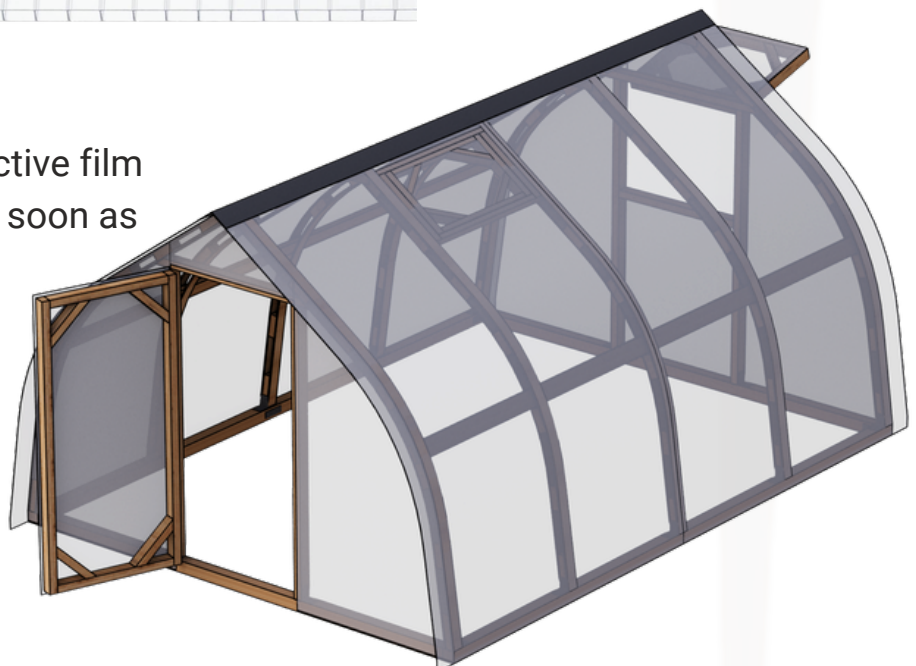
Preparation

Important note: Check the polycarbonate manufacturer's instructions before installation. Typically, one side of the panel has UV protection, and this side must always face outward. Correct installation ensures longer durability, protects against yellowing, and is required for the warranty to remain valid. The UV-protected side can usually be identified by markings or on the protective film.

All channels in the polycarbonate panels must be protected from dust, moisture, and insects using the correct sealing tape. Before applying the tape, it is recommended to blow through the channels with compressed air to remove dust and plastic debris. Seal the upper channels with sealing tape and the lower channels with ventilation tape to ensure clean channels and long service life.



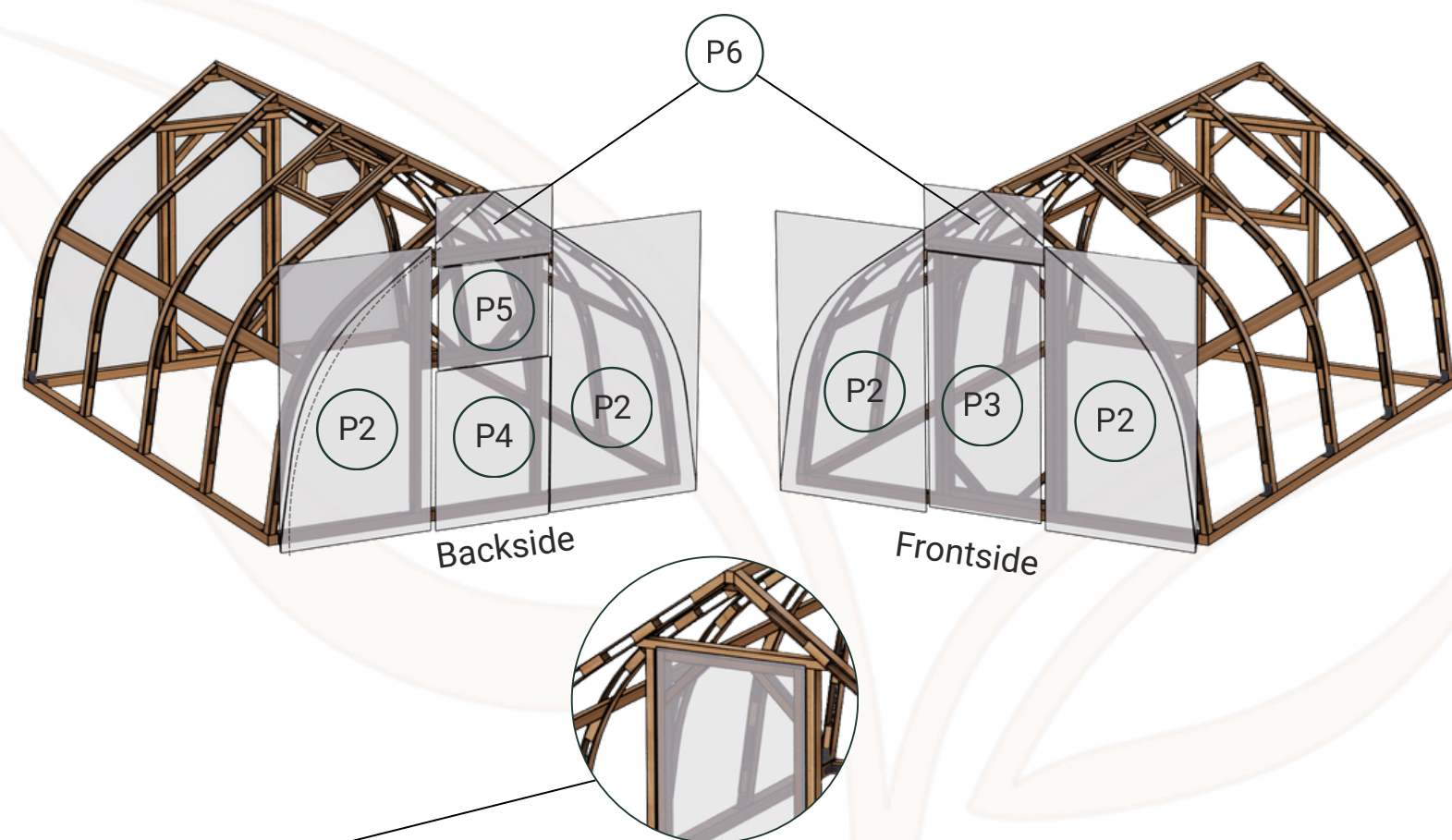
Note: Make sure all protective film is completely removed as soon as installation is completed.



Use P2–P7 polycarbonate panels to cover the front and rear sides of the greenhouse frame, and fasten them using polycarbonate screws (P9) with washers.

Ensure that the panel touches both sides and overlaps the bottom of the frame by at least 40 mm for weather protection, if the foundation allows it.

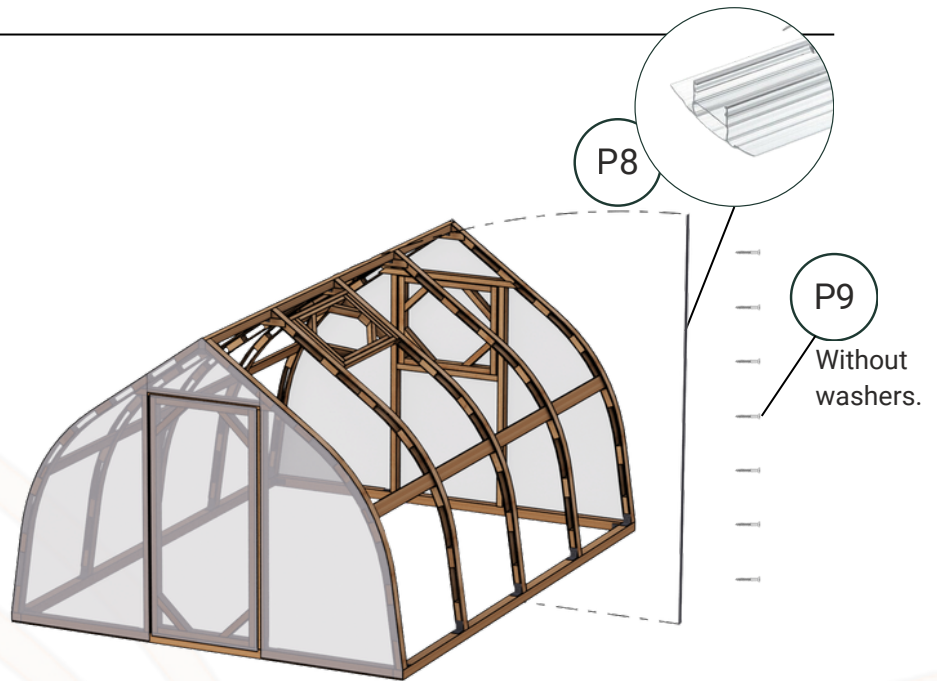
Polycarbonate screws (P9) should be spaced approximately 30–40 cm apart on the front and rear sides, depending on the panel thickness.



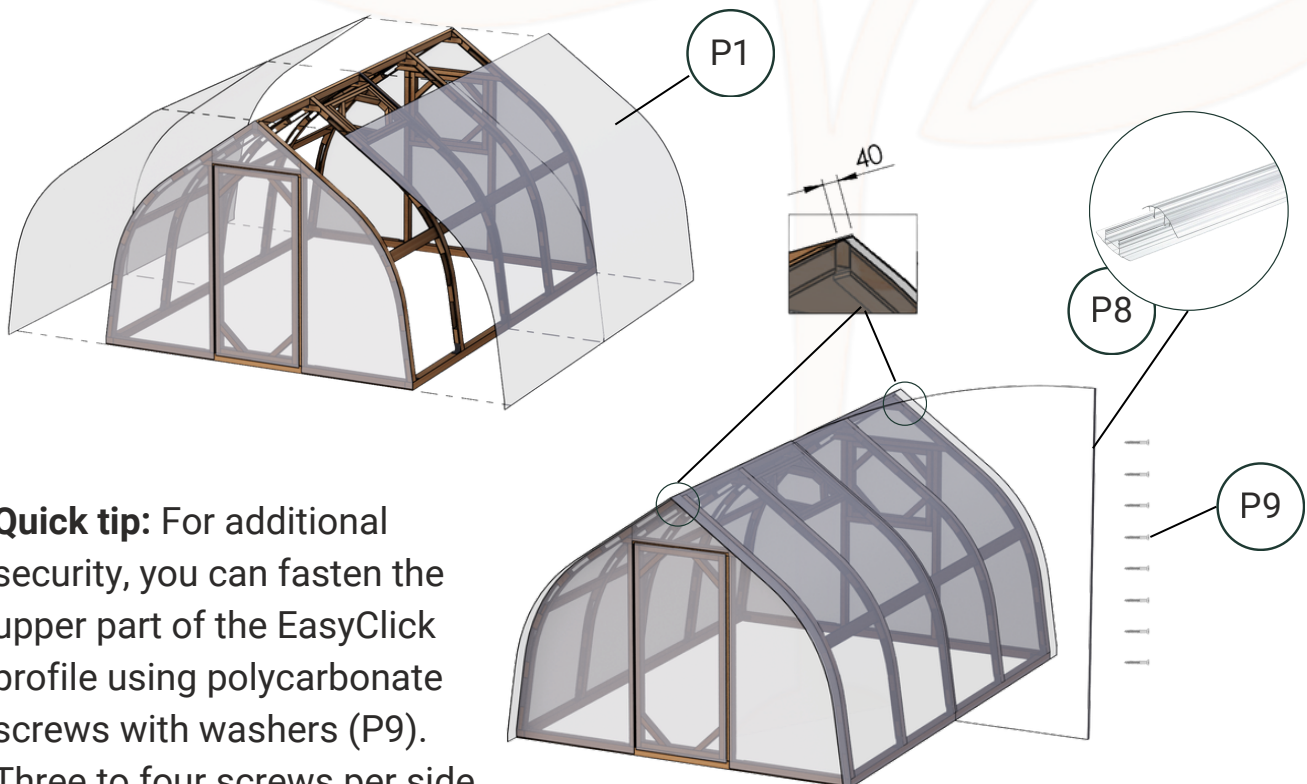
Quick tip: When installing the polycarbonate panel around the door frame and windows, position the panel so that it overlaps the door/window frame on all sides except the hinge side. This helps retain heat and prevents the door or windows from contacting the inside of the greenhouse when closed.

As mentioned earlier, wood is a natural material that may move over time. In addition, the structure may vary slightly from one installation to another. Therefore, polycarbonate panels P2 and P6 must always be individually adjusted by the installer, using a handsaw or circular saw, to achieve the most accurate fit possible.

To connect the polycarbonate panels on the sides, use EasyClick profiles. First, fasten the lower part of the EasyClick profile to the middle arch using polycarbonate screws (P9) without washers, spacing the screws 15–20 cm apart.



After securing the lower part of the EasyClick profile, place the P1 polycarbonate panels onto the installed profile, then snap the upper part of the EasyClick profile into place on top. Also ensure that the upper edge of the panels rests on top of the roof beam edge, and that the lower edge covers the entire side of the foundation ring with approximately 40 mm overlap.

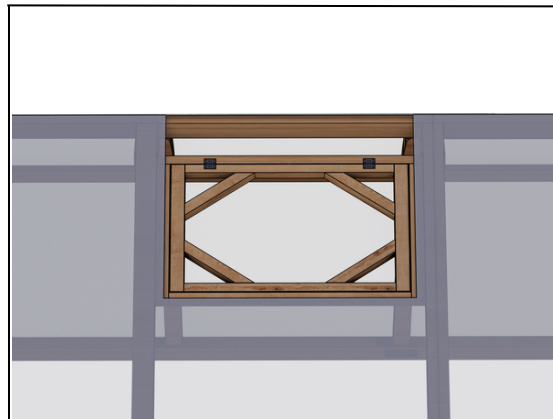
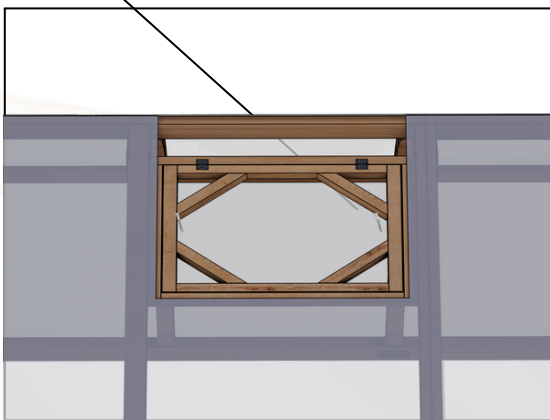


Quick tip: For additional security, you can fasten the upper part of the EasyClick profile using polycarbonate screws with washers (P9). Three to four screws per side are sufficient.

Cut the polycarbonate along the outside of the window frame up to the top. Approximately 15 mm should be cut away so that the window frame becomes visible.

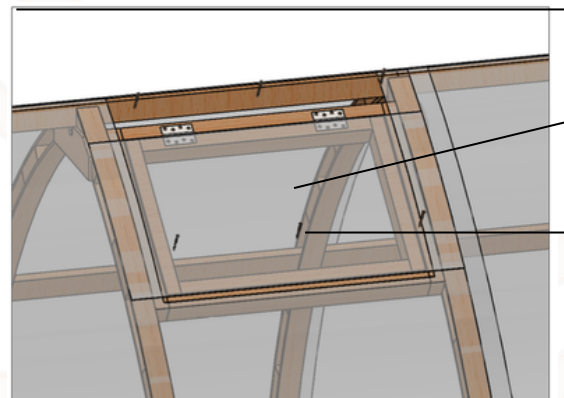
P3

Without washers.



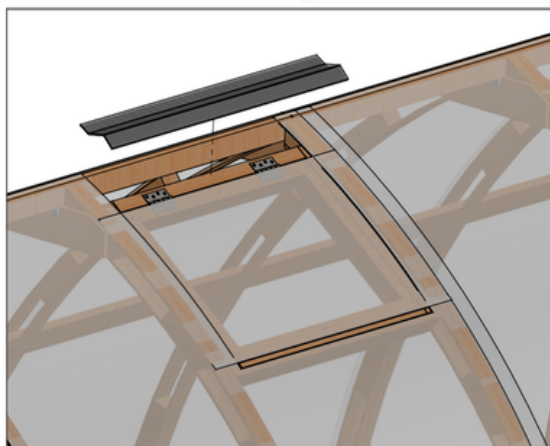
Use the cut-off piece of the polycarbonate panel. Trim it neatly, fit it to the roof window itself (not the roof window frame), and fasten it using polycarbonate screws (P9) without washers. One screw in each corner is sufficient.

Place polycarbonate panel P7 on top of the polycarbonate sheet in the roof window that you have just installed, and fasten it using polycarbonate screws (P9) with washers.



P7

P9



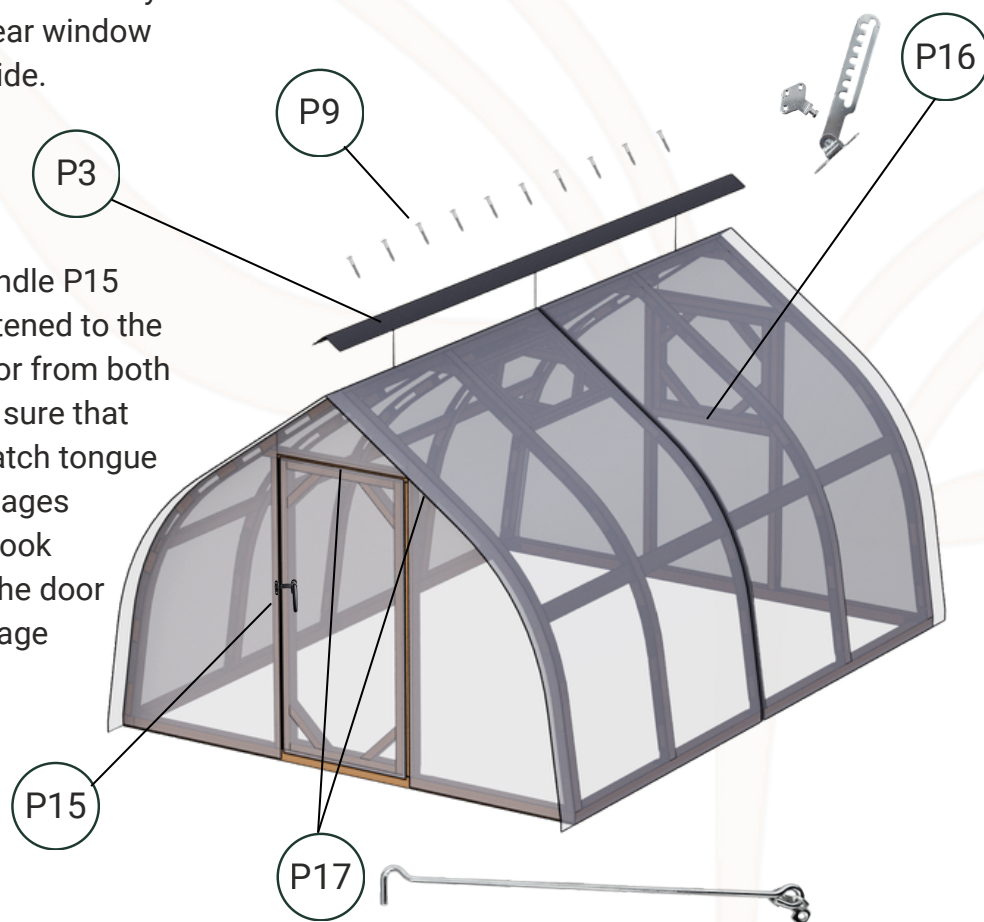
Install the roof window metal profile (P10) to cover the top of the roof window for protection against rain. Use polycarbonate screws (P9) without washers for fastening.

*If you have purchased a greenhouse without roof windows, these steps can be skipped.

Place and fasten both ridge profiles using polycarbonate screws with washers (P9), one screw with washer in each arch on both sides. The ridge profiles should overlap by approximately 10–20 cm.

Fasten the window stay P16 to the rear window from the inside.

The door handle P15 must be fastened to the entrance door from both sides. Make sure that the handle latch tongue properly engages behind the hook included in the door handle package contents.



The door hook P17 should be fastened on the outside of the door so the door can be held open when needed. This is optional, as some gardeners may not require it. We recommend installing it at the highest practical point on the door, while still keeping it within comfortable reach. The other side of the hook holder should be fastened to the frame (architrave) at the similar height.

The installation instructions for the automatic window opener are included in the opener's package. Please note that we always recommend removing the cylinder from the automatic window opener, as it is not resistant to cold temperatures and may be damaged. If you forget to remove the cylinder, a replacement cylinder can be purchased separately from us.

Important note: Since the greenhouse is made of wood, proper ventilation is essential for long service life. Adequate airflow helps reduce moisture and prevents the wood from being damaged over time. Insufficient ventilation may lead to moisture buildup, which can result in wood rot.

Congratulations!

Congratulations! Your greenhouse is now fully assembled –
a solid and beautiful space where quality meets nature.
Enjoy what you have created!



Sharing your greenhouse with us is more than a simple gesture. It is a way to inspire others to believe in quality, care for nature, and create meaningful places where growth can truly flourish.



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Your garden partner,
Norhage