

Attaching the foundation frame (optional accessory)

Profiles and hardware for foundation frame:

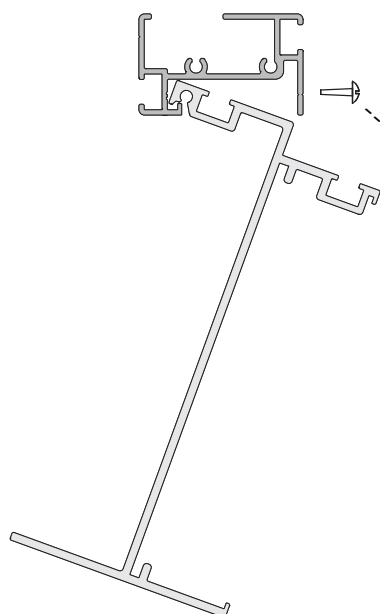
Note: For XL 7,8,9 models, the foundation frame will come in segments that will need to be connected with set/grub screw connectors. (see pg. 10) to make full lengths.

Profile/part design	Pos.	Description	Quantity/Measurement (mm)				
			XL 5	XL 6	XL 7	XL 8	XL 9
	6.1	Foundation frame profile for gable	2 4085	2 4085	2 4085	2 4805	2 4805
	6.2	Foundation frame profile for the sides	2 4859	2 5853	2 6848	2 7843	2 8838

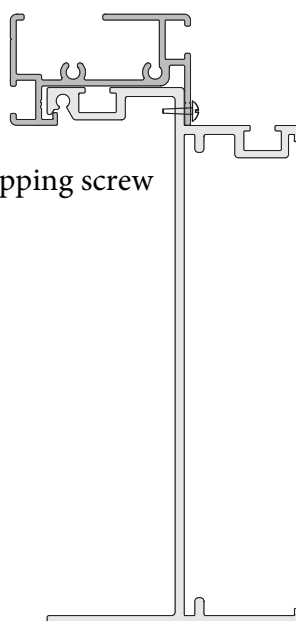
Assembly of foundation frame

Note: Foundation frame profiles are shorter than the floor profiles!

1.

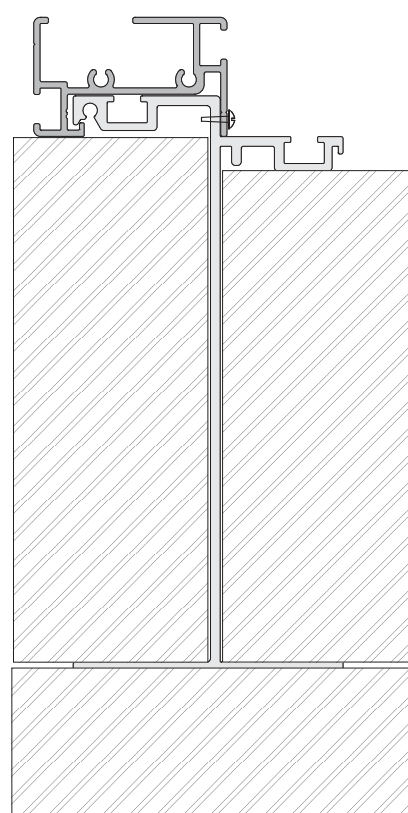


2.



Self tapping screw

3.

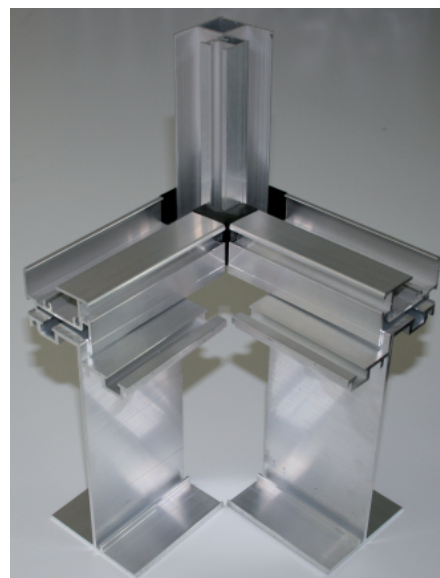


1. First hook the foundation frame into the soil profile, then rotate it into position.

Note: Make sure the foundation frame pieces are centered in the soil profile. The foundation frame will be shorter in length than the soil profiles.

2. Once in position use self tapping screws to secure the foundation frame to the soil profile. This is shown above. The self-tapping screws temporarily tack the floor profile & foundation frame together during assembly to make it easier to work with. Mounting brackets will be added later to secure it fully. Self-tapping screws will be found in the padded mailer envelope that was included with your greenhouse. If you cannot locate them - you may use any screw to temporarily tack the pieces together.

3. When the greenhouse has been fully assembled backfill both sides of the foundation frame with soil, or your media of choice.



Anchoring the greenhouse to your own foundation

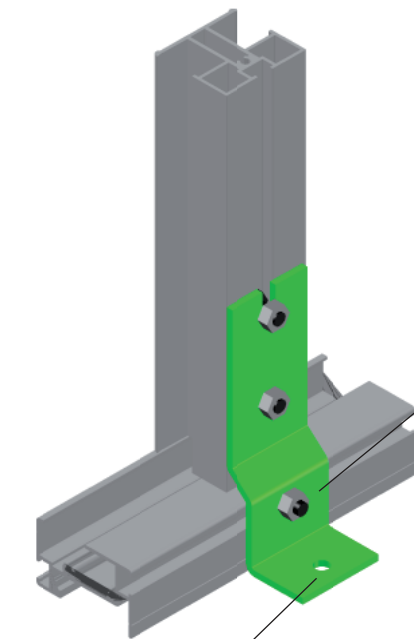
Mounting brackets to attach base/floor profile to existing foundation.

Part design	Pos.	Description	Quantity/Measurement (mm)				
			XL 5	XL 6	XL 7	XL 8	XL 9
	6.7	Mounting brackets XL	16	18	20	22	24
	117	Hexagon head screw M6 x 12 + nut M6	64	72	80	88	96

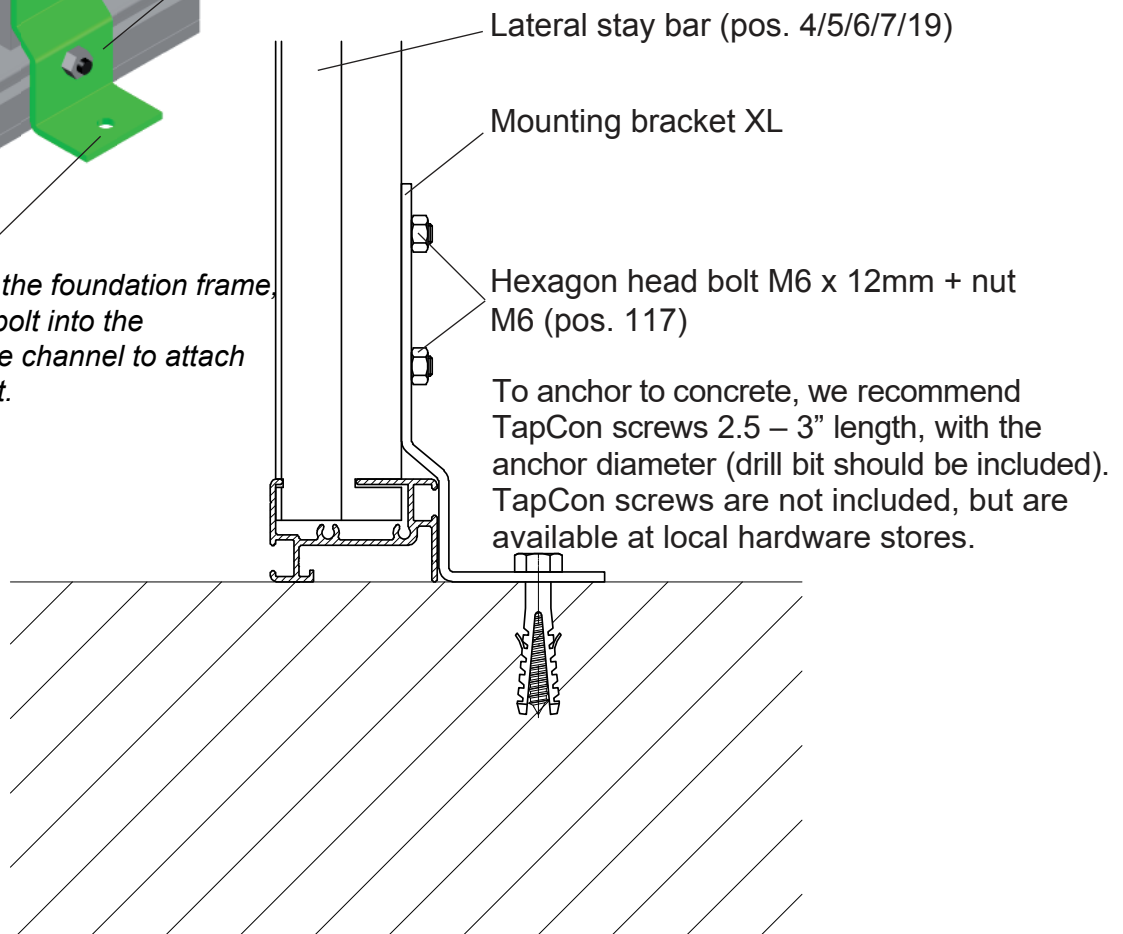
Note:

You will need to insert 2 bolts (M6 x 12) in each vertical profile (gable ends and curved profiles) to attach mounting brackets.

Optional: If desired, you may add an extra hole for an additional bolt to attach the mounting bracket to the soil profile.



If you are using the foundation frame, please insert a bolt into the foundation frame channel to attach bracket with bolt.

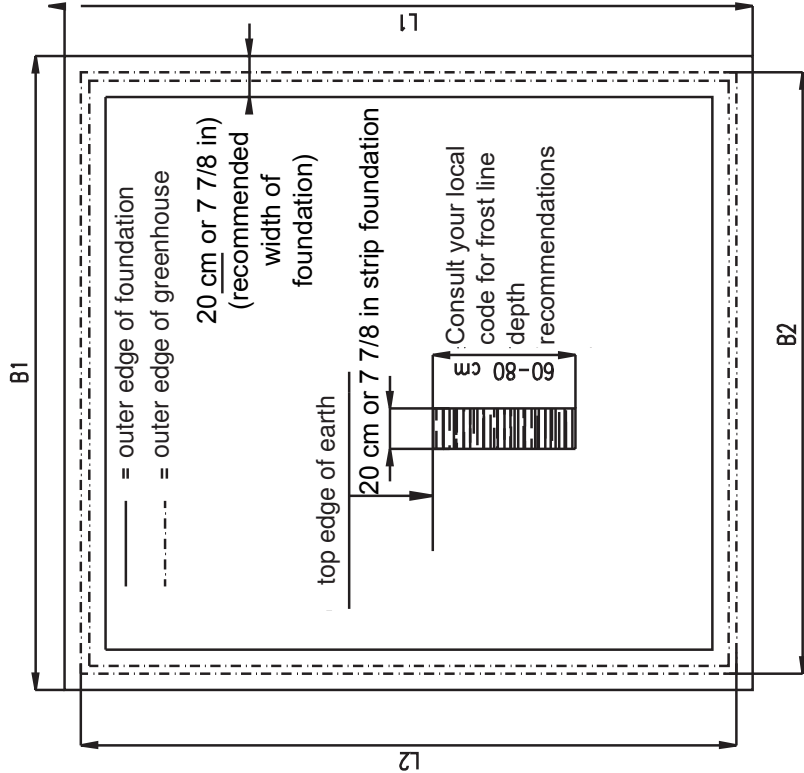


Foundation Plan Riga XL

Construction of your greenhouse with a concrete perimeter or strip foundation: If you did not buy a foundation frame, the greenhouse has to be erected safely by means of a perimeter/strip foundation. Please build this according to the dimensions in the chart below. You may also attach the greenhouse to a full concrete slab if desired - consider texture and drainage. The foundation must be even and level where the frame will sit. Fasten the constructed greenhouse with the supplied angle brackets and stainless steel TapCon (or similar) screws. We recommend 2.5 to 3" length with anchor diameter of 1/4". TapCon screws are not included and may be found at your local hardware with correct drill bit included.



Diagram below illustrates a sample strip foundation:



Door Extension Kit (Drop Door/Stem Wall): If you are placing your greenhouse on a stem wall, you will need a door extension kit and your wall must be 20" high. The XL greenhouses have a front and back door, which is centered on the gable wall. The rough opening for the door needs to be: 40 7/8" - better to make it 41". When building your stem wall, use the exterior dimensions of the greenhouse for the exterior dimensions of your wall - this will ensure your doors will open fully and connect with the door catch. The floor profile which will sit on your wall is 2" wide with L bracket anchor (1") for total of 3". Please be sure that the thickness of your wall allows for secure anchoring on the interior and meets local building standards.

	foundation		greenhouse exterior	
	B1	L1	B2	L2
Riga XL/5	442 cm 174 in	519 cm 204 5/16 in	425 cm 167 3/4 in	501 cm 197 1/4 in
Riga XL/6	442 cm 174 in	618 cm 243 5/16 in	425 cm 167 3/4 in	601 cm 236 5/8 in
Riga XL/7	442 cm 174 in	718 cm 282 11/16 in	425 cm 167 3/4 in	701 cm 276 in
Riga XL/8	442 cm 174 in	818 cm 322 1/16 in	425 cm 167 3/4 in	801 cm 315 3/8 in
Riga XL/9	442 cm 174 in	918 cm 361 7/16 in	425 cm 167 3/4 in	901 cm 354 3/4 in