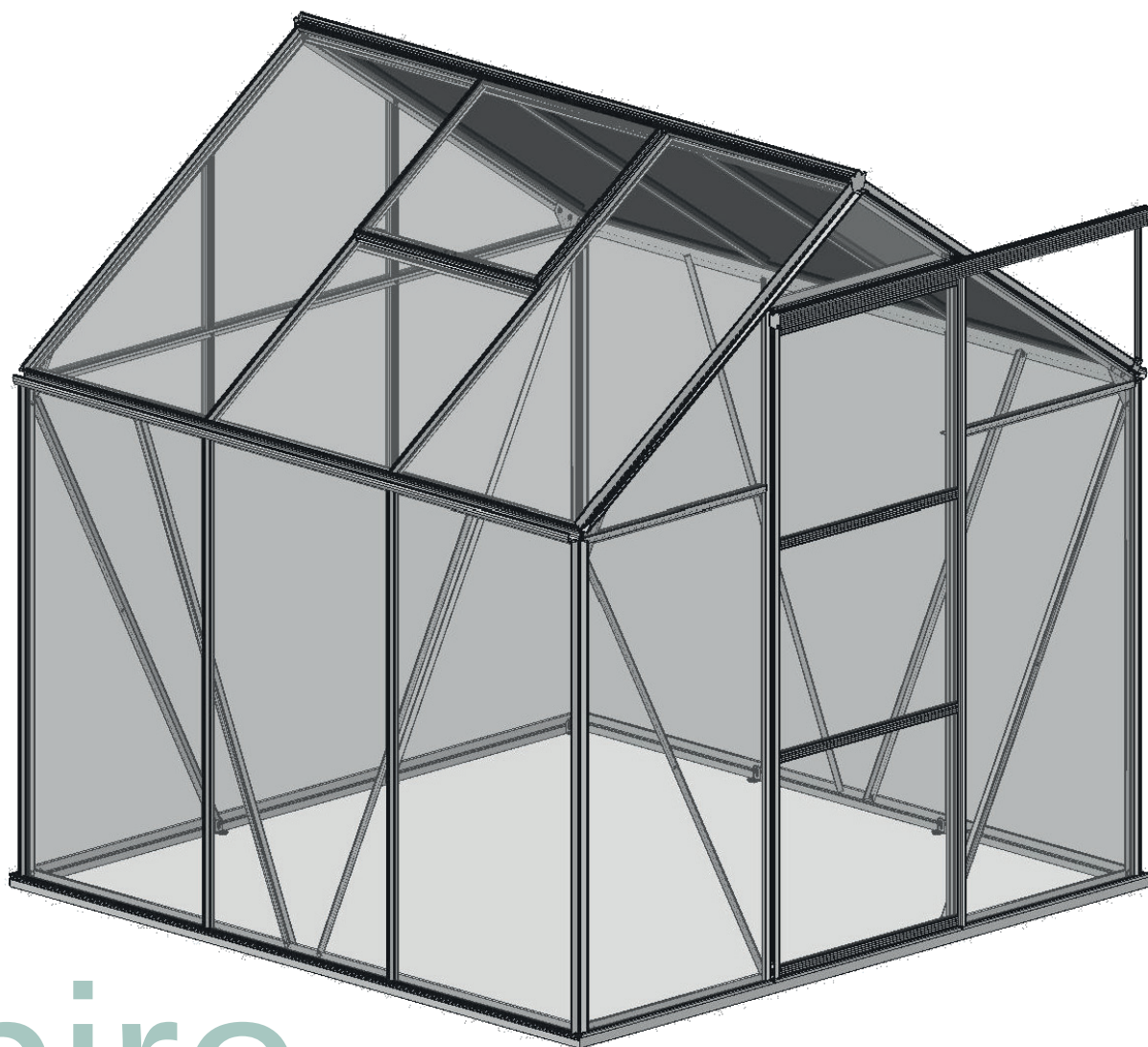




ROYAL WELL



26-7-2024



Spire

Assembly manual

	White	Greengrey	Black	Height (mm)	Width (mm)	Depth (mm)	m ²
Spire	1063711	1063706	1063716	2145	1915	1915	3,7
Spire	1063712	1063707	1063717	2145	1915	2525	4,8
Spire	1063713	1063708	1063718	2145	1915	3135	6,0
Spire	1063714	1063709	1063719	2145	1915	3745	7,2

royalwell.nl

royalwell.be

royalwellserres.fr

Dear customer!

We congratulate you on your new greenhouse. We are convinced that by following the detailed assembly instructions you will enjoy the actual building of the greenhouse as much as the time you will spend in your greenhouse in the future. The assembly instruction consists mainly of detailed illustrations. The greenhouse is packed in a box/boxes and includes the frame, fixing materials, downspout and foundation. All aluminium profiles are marked with a part number corresponding to the numbers on the drawings and in the parts list. Nuts, bolts and fittings can be found in the corresponding packaging. The profiles and components are in one package in the box per section; Front facade, rear facade, side facade, roof, skylight, door and vent.

Winter protection

In areas where snow can be expected, we recommend the following to protect your greenhouse:

1. Support the ridge in the centre of the greenhouse.
2. Remove larger snow loads.
3. Take precautions against falling snow, e.g. from a roof.

Complaints

We place high demands on quality to ensure that you receive a faultless product. Should a problem nevertheless occur, we kindly ask you to contact the dealer from whom you bought the greenhouse. For prompt service, please specify the extent of the defect using the parts list in the assembly instructions. Also note the model and model number shown on the front page of these instructions.

Insurance

Not all insurance companies automatically cover greenhouses. We recommend you contact your insurance company to make sure you are covered.

Foundation

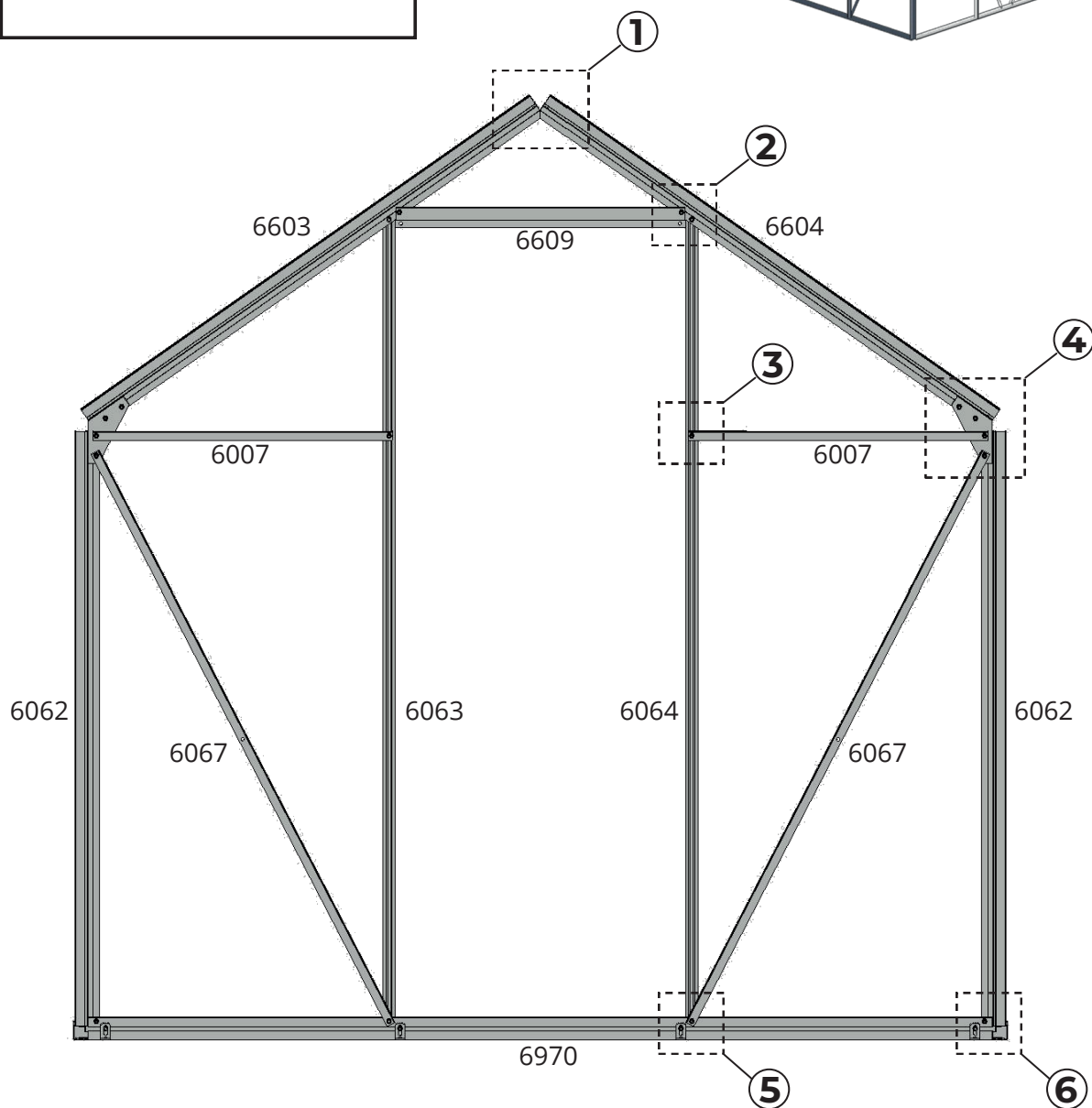
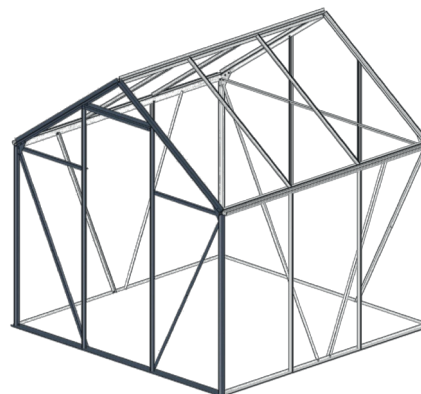
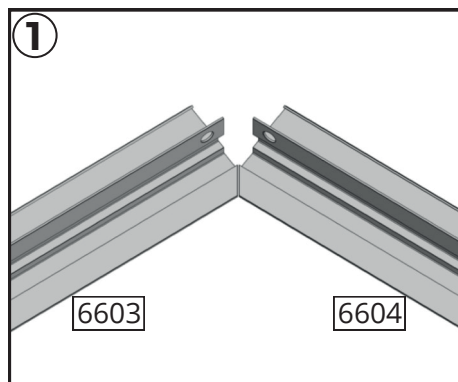
The foundation is included in the delivery. If applicable, refer to page 20 of this manual for fixing the garden greenhouse to the foundation.

SECTION OVERVIEW

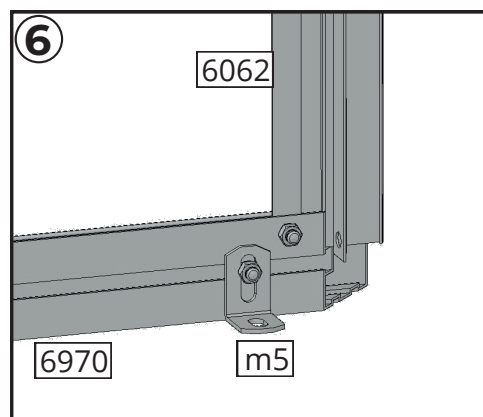
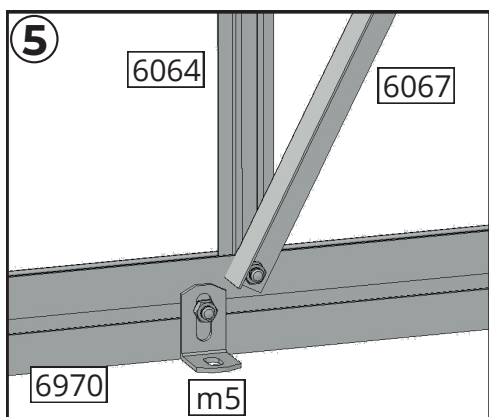
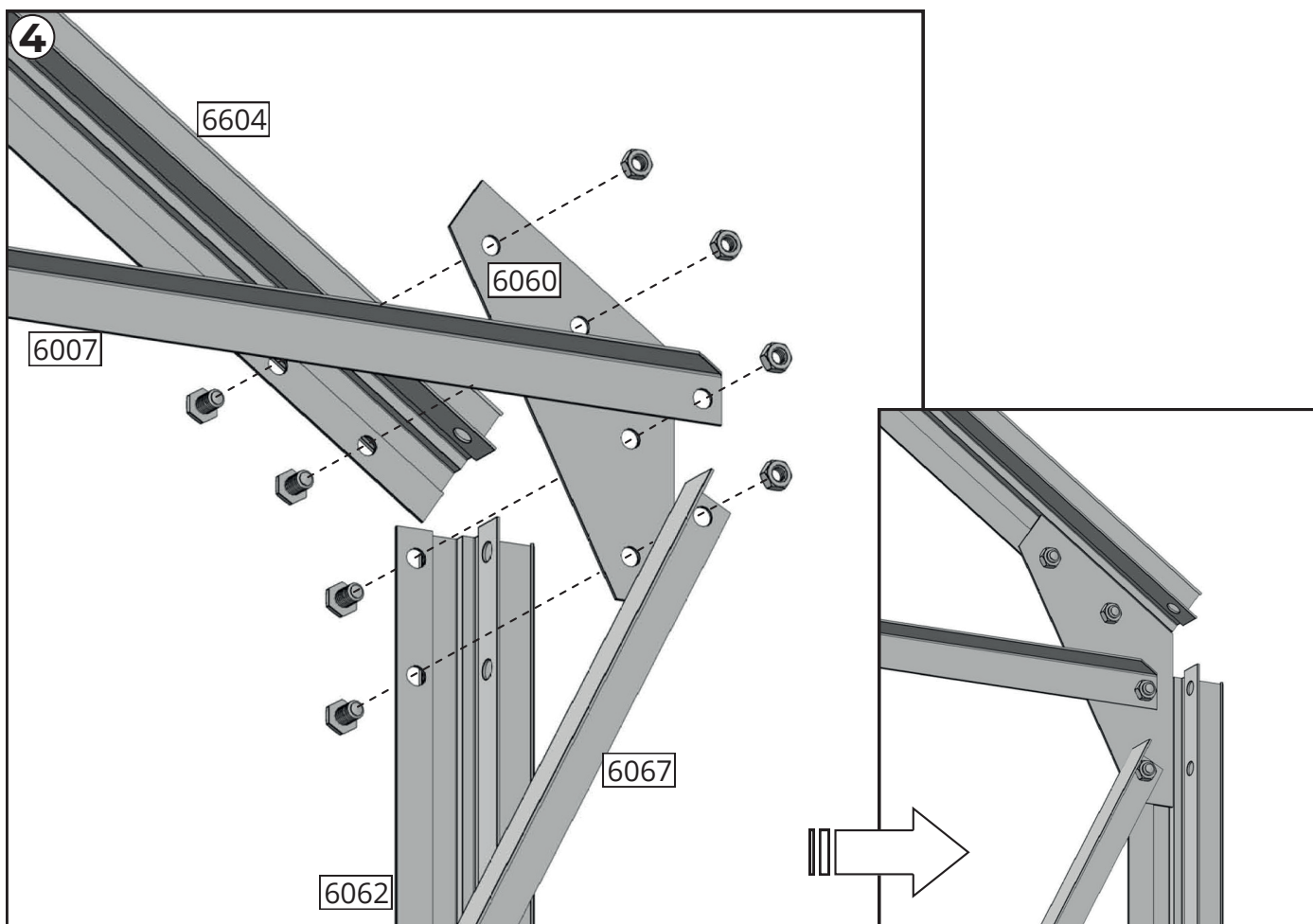
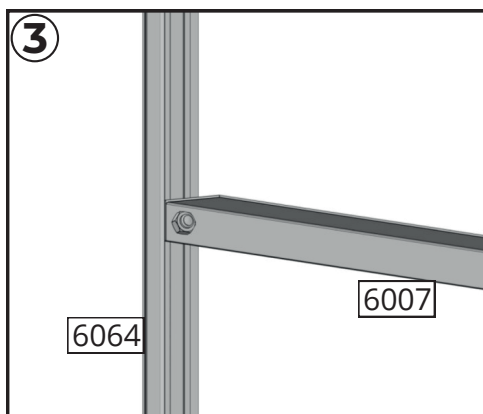
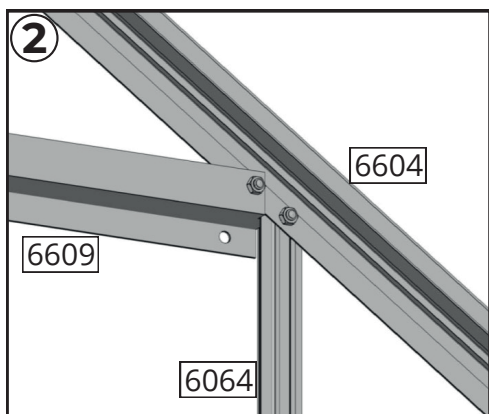
Section	Part no.	Profile	Size in mm	Spire	Spire	Spire	Spire		Section	Part no.	Profile	Size in mm	Spire	Spire	Spire	Spire			
FRONT GABLE	6970		1886	1					ROOF	6027		1836	1						
	6062		1415	2						6028		2446		1					
	6603		1107	1						6029		3066			1				
	6604		1107	1						6030		3666				1			
	6063		1857	1						6054		4276							
	6064		1857	1						6635		1107	4	6	8	10			
	6007		606	2						6041		626	1	1	2	2			
	6067		1494	2					VENT	6037		611	1	1	2	2			
	6609		600	1						6038		497	2	2	4	4			
REAR GABLE	6920		1886	1						6039		600	1	1	2	2			
	6062		1415	2						6055		200	1	1	2	2			
	6613		1107	1					DOOR	6652		1225	1						
	6614		1107	1						6675		588	1						
	6063		1857	1						6676		588	3						
	6064		1857	1						6077		1802	2						
	6031		1808	1						6049		378	1						
	6067		1494	2						a1		M6x10	101	111	127	137			
WALL	6972		1886	2						a2		M6	101	111	127	137			
	6973		2496		2					a4		Φ3.9x8	2	2	4	4			
	6974		3106			2				a5		Φ3.5x19	4	4	4	4			
	6975		3716				2			a6		Φ3.5x35	10	10	10	10			
	6976		4326							a7		M4x8	4	4	6	6			
	6066		1415	4	6	8	10			a10		M4	2	2	4	4			
	6022			1836	2						p1		-	2	2	2	2		
	6023			2446		2					p3		-	2	2	4	4		
	6024	3056				2				p4		-	2	2	2	2			
	6025	3666					2			p5		-	2	2	2	2			
	6053	4276						m10			-	1	1	1	1				
	6074		1500	4	4	4	4			n1		-	2	2	2	2			
										6060		-	4	4	4	4			
										m5		-	12	14	16	18			
										Door brush		1802	2	2	2	2			

FRONT GABLE

														
#	6970	6062	6603	6604	6063	6064	6007	6067	6609	6060	a1	a2	p1	m5
mm	1886	1415	1107	1107	1857	1857	606	1494	600	-	M6x10	M6	-	-
X	1	2	1	1	1	1	2	2	1	2	22	22	1	4

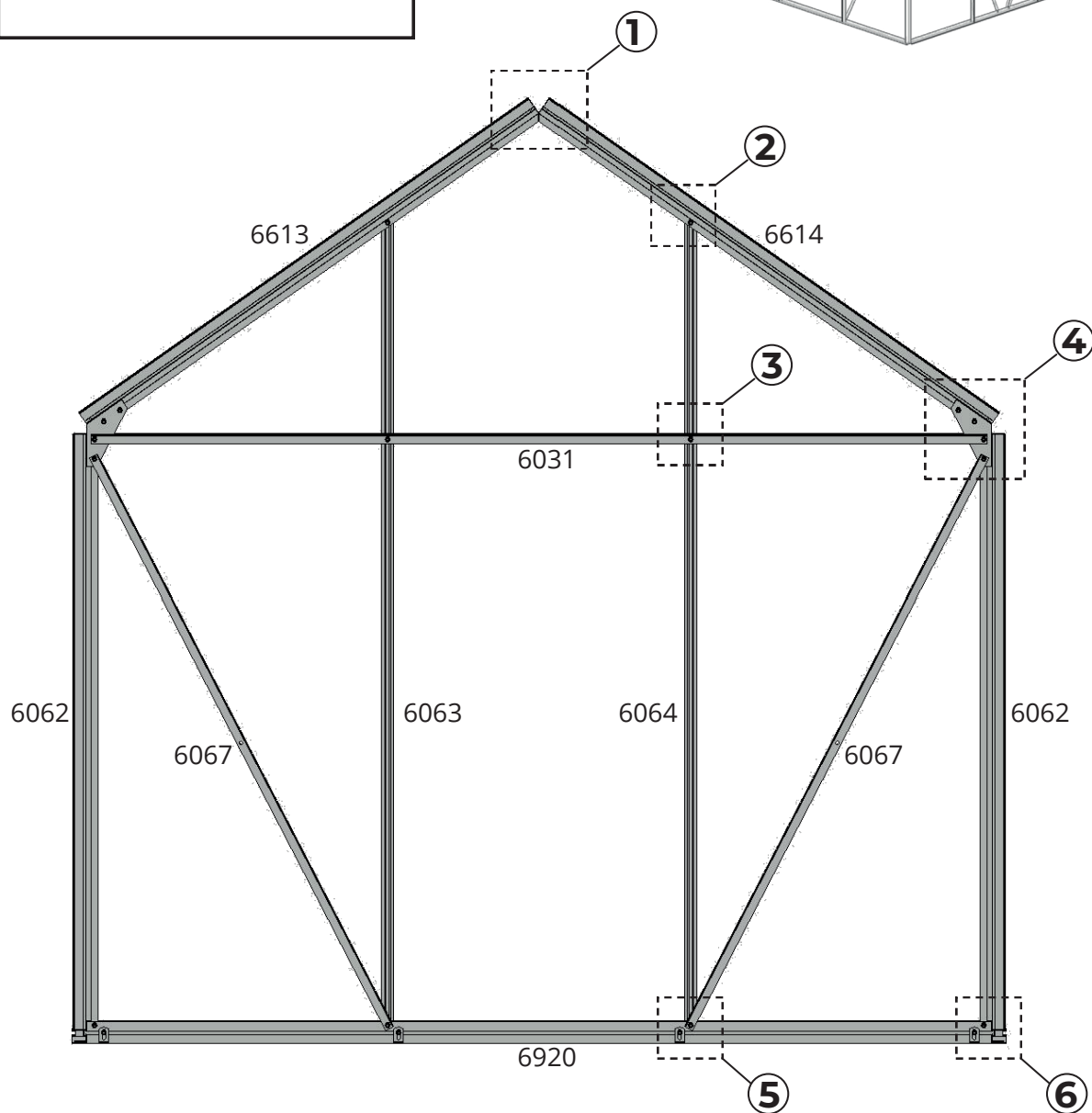
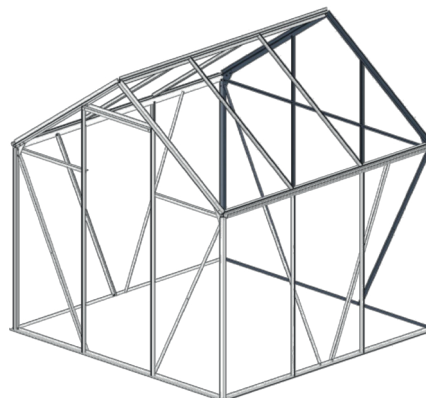
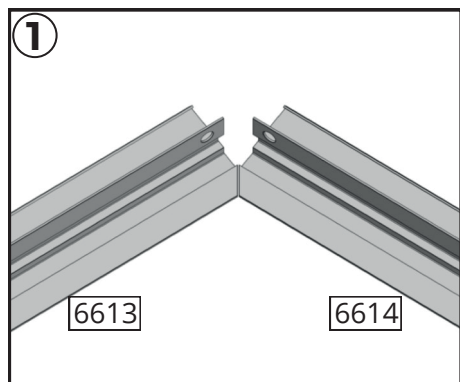


FRONT GABLE

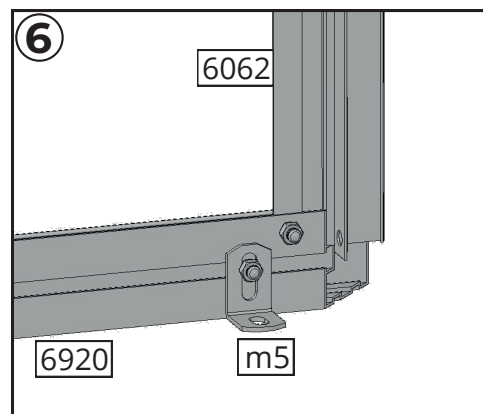
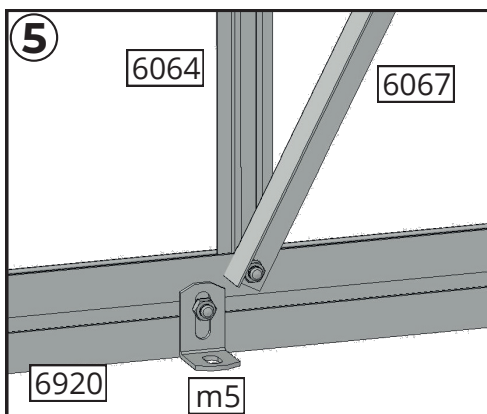
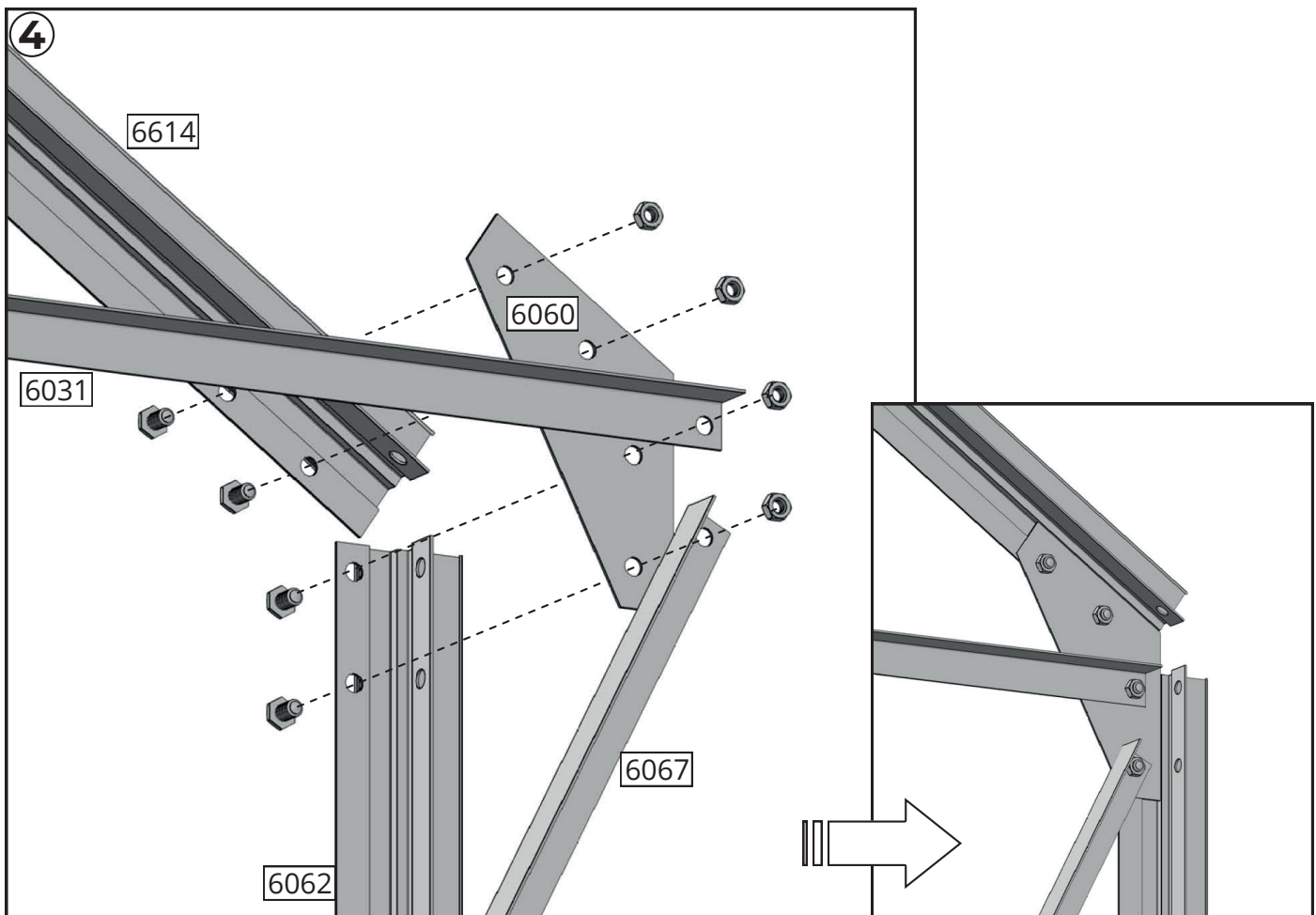
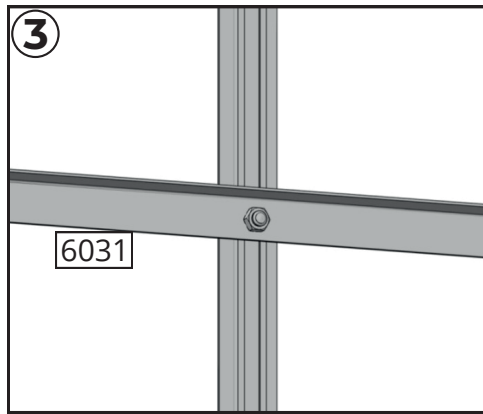
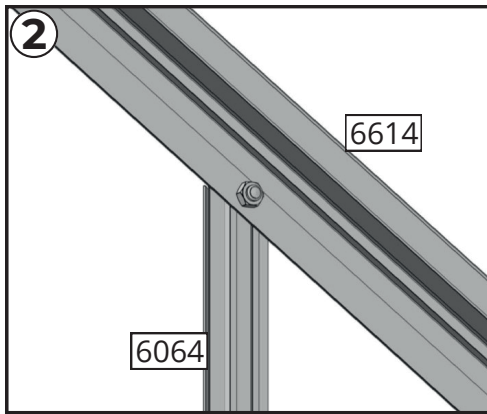


REAR GABLE

#	6920	6062	6613	6614	6063	6064	6031	6067	6060	a1	a2	p1	m5
mm	1886	1415	1107	1107	1857	1857	1808	1494	-	M6x10	M6	-	-
X	1	2	1	1	1	1	1	2	2	20	20	1	4

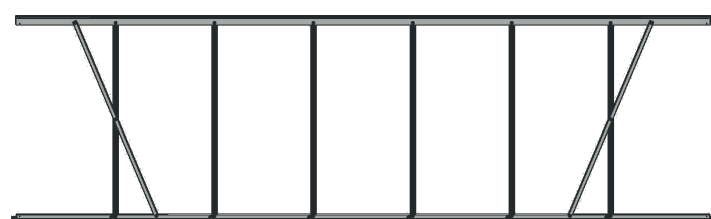
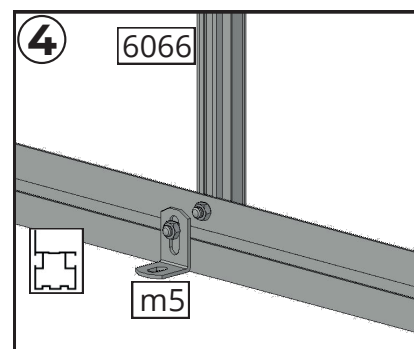
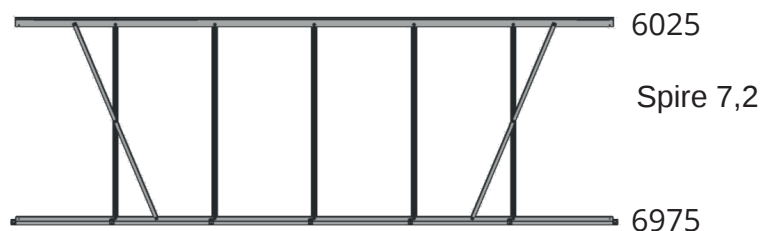
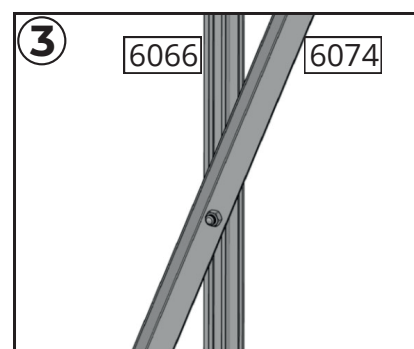
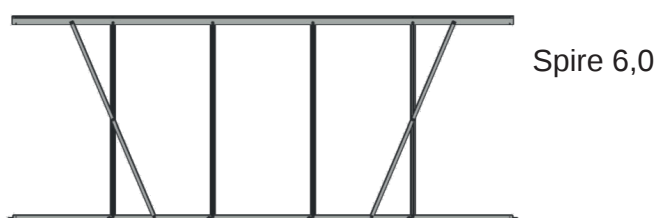
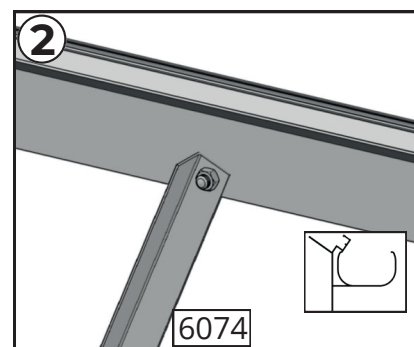
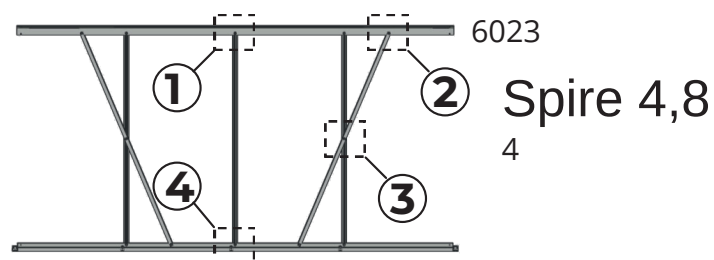
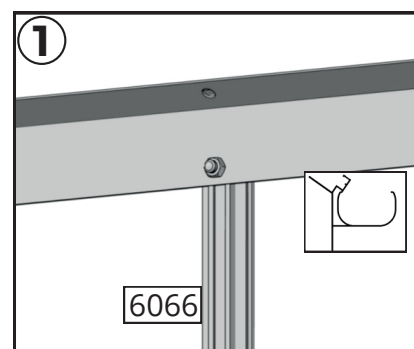
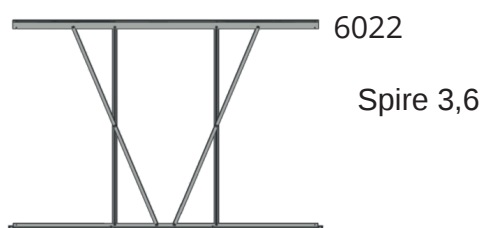


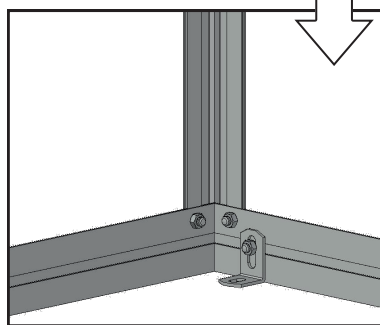
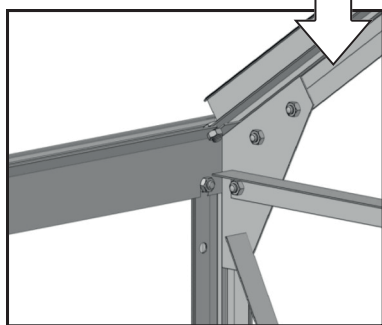
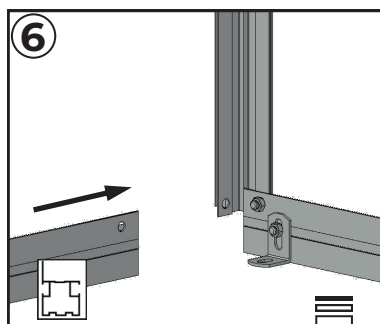
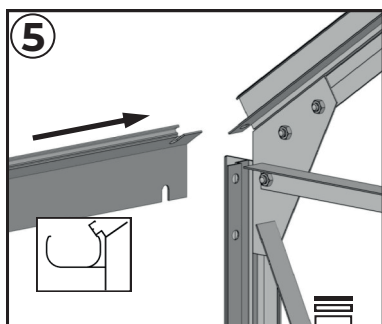
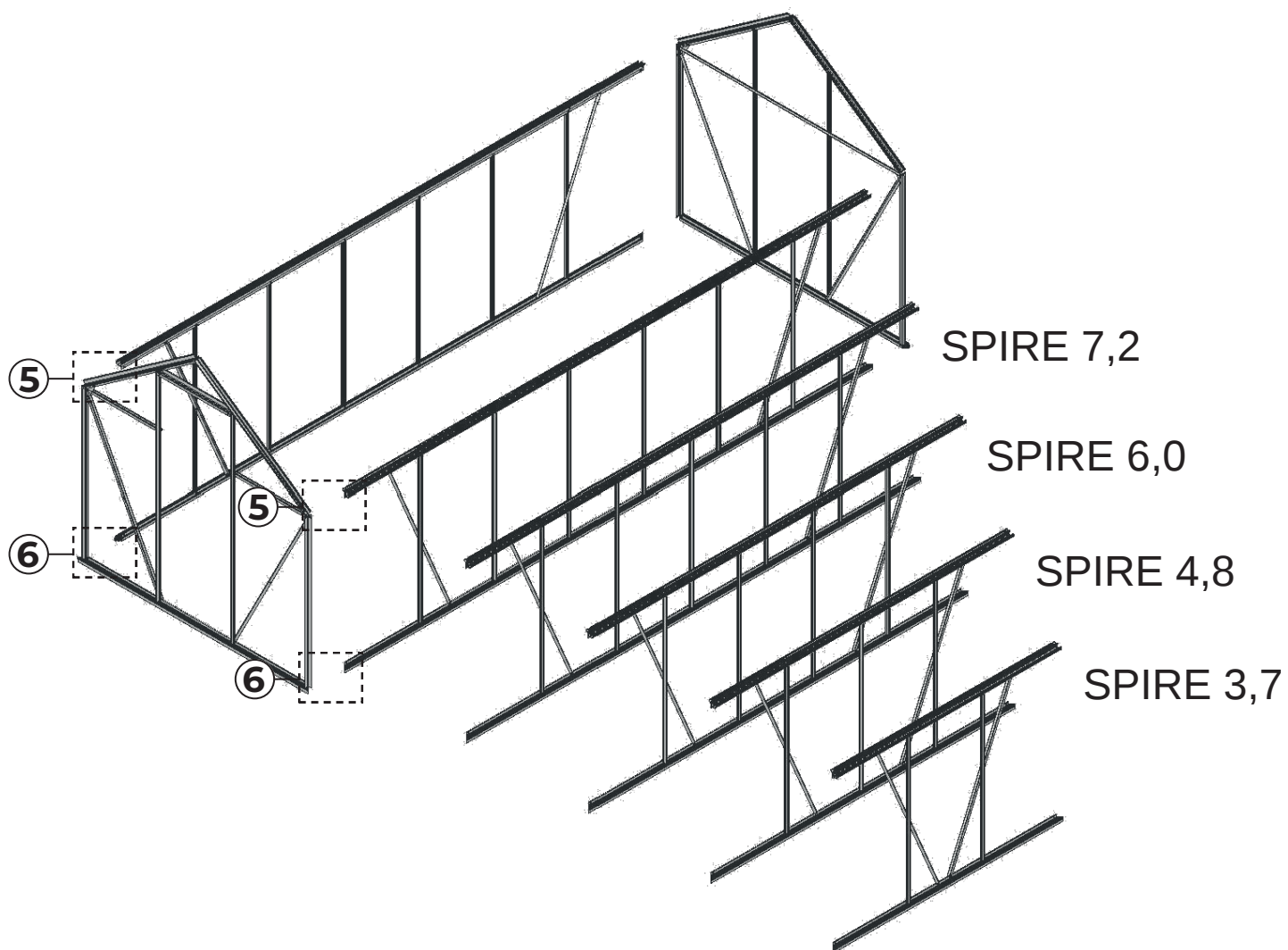
REAR GABLE



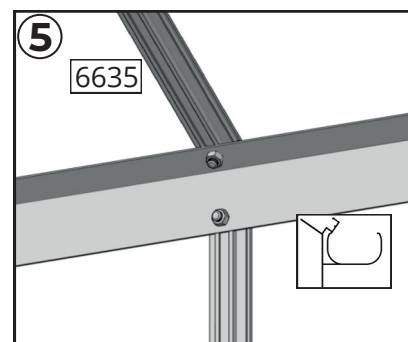
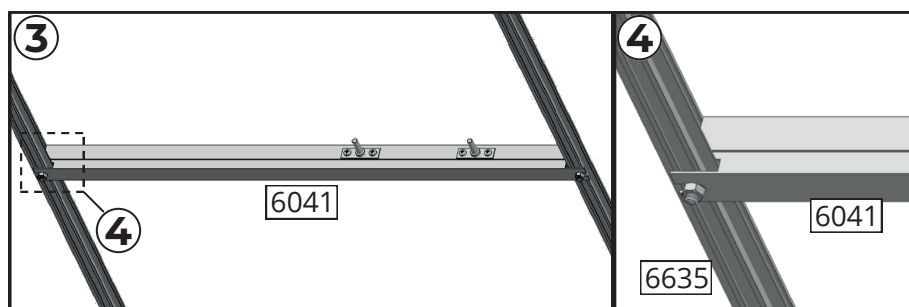
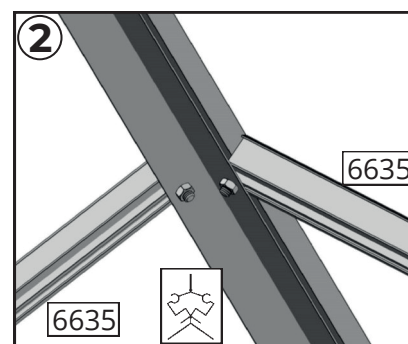
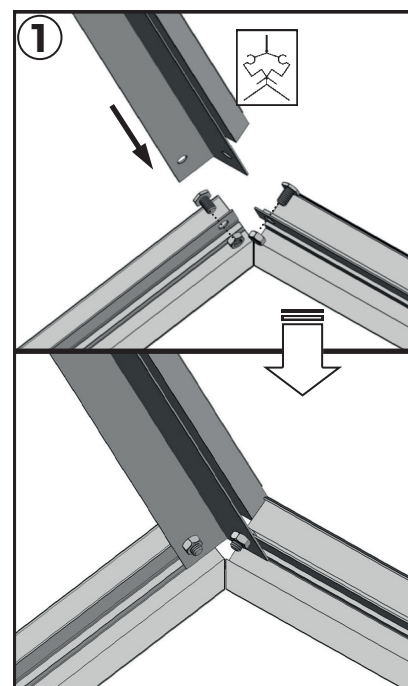
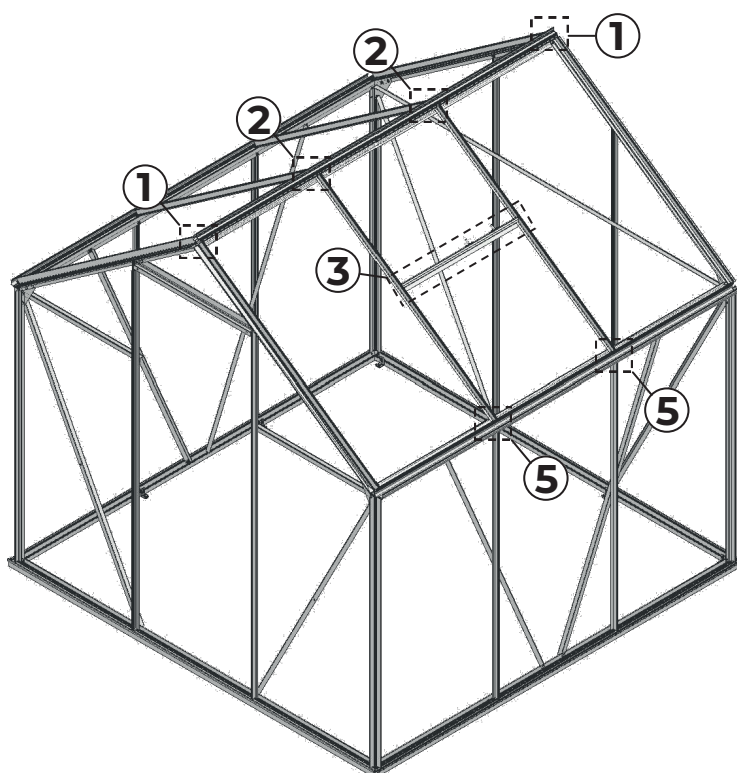
SIDE WALL

															
#	6972	6973	6974	6975	6976	6066	6022	6023	6024	6025	6053	6074	a1	a2	m5
mm	1886	2496	3106	3716	4326	1415	1836	2446	3056	3666	4276	1500	M6x10	M6	-
Spire 3,7	2					4	2					4	36	36	4
Spire 4,8		2				6		2				4	42	42	6
Spire 6,0			2			8			2			4	48	48	8
Spire 7,2				2		10				2		4	54	54	10

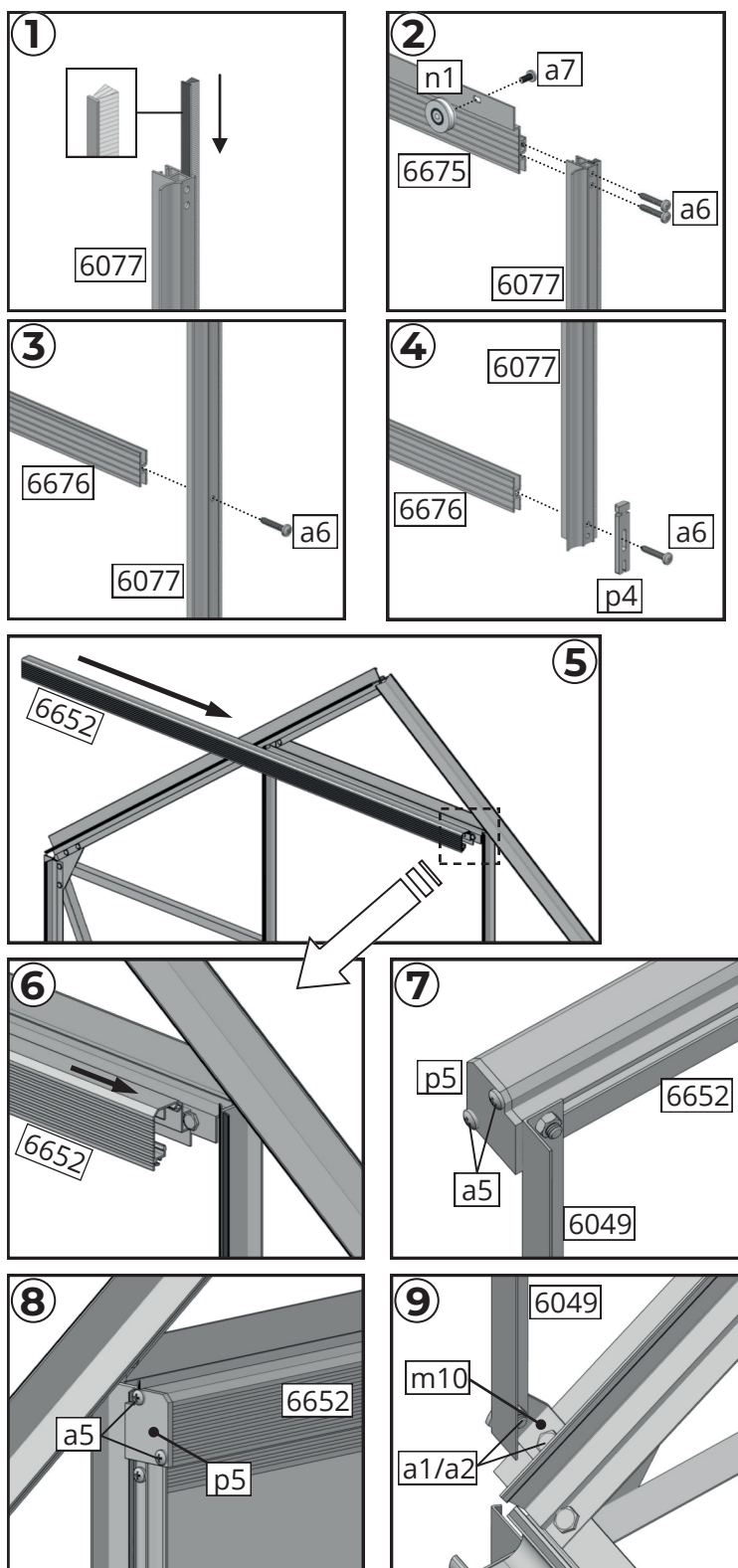
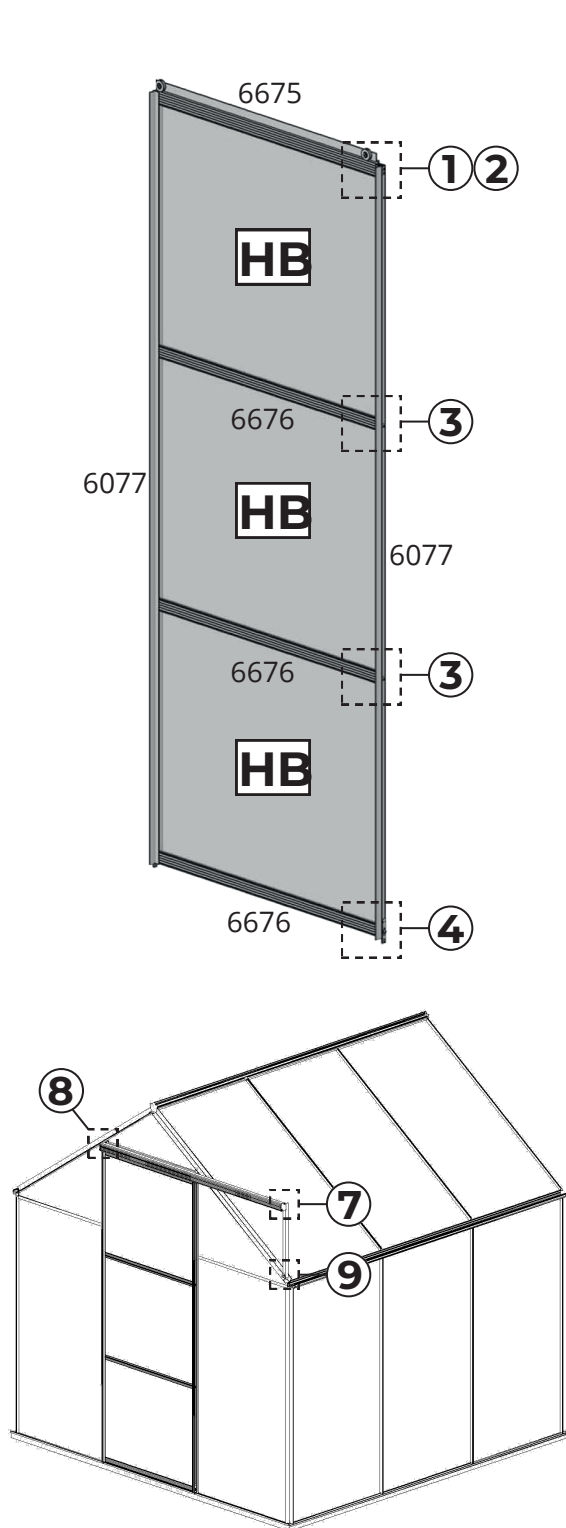




									
#	6027	6028	6029	6030	6054	6635	6041	a1	a2
mm	1836	2446	3056	3666	4276	1107	626	M6X10	M6
SPIRE 3,7	1					4	1	14	14
SPIRE 4,8		1				6	1	18	18
SPIRE 6,0			1			8	2	24	24
SPIRE 7,2				1		10	2	28	28

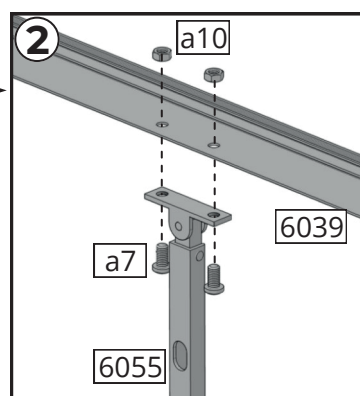
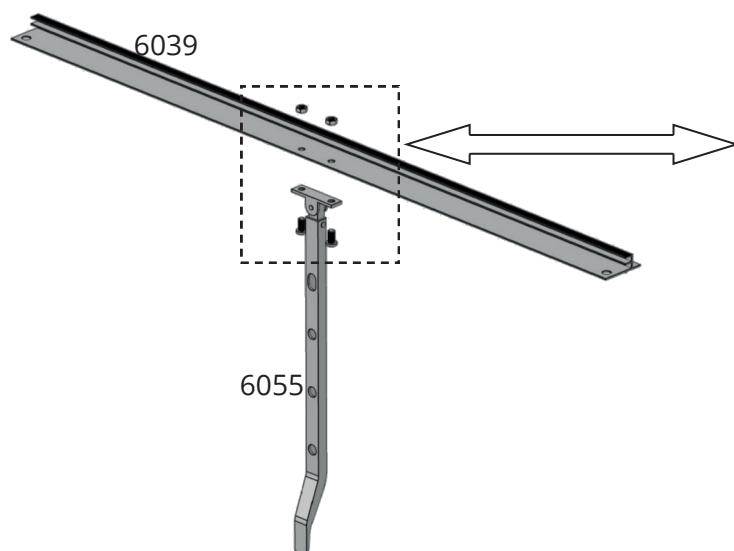
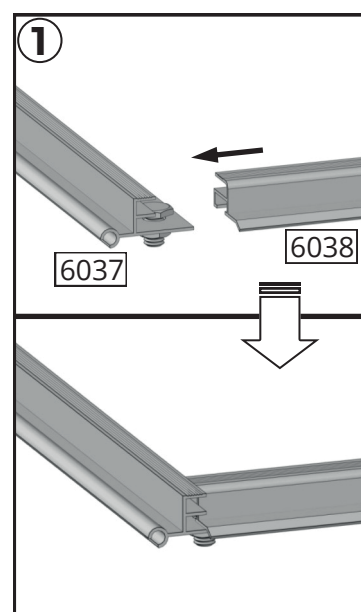
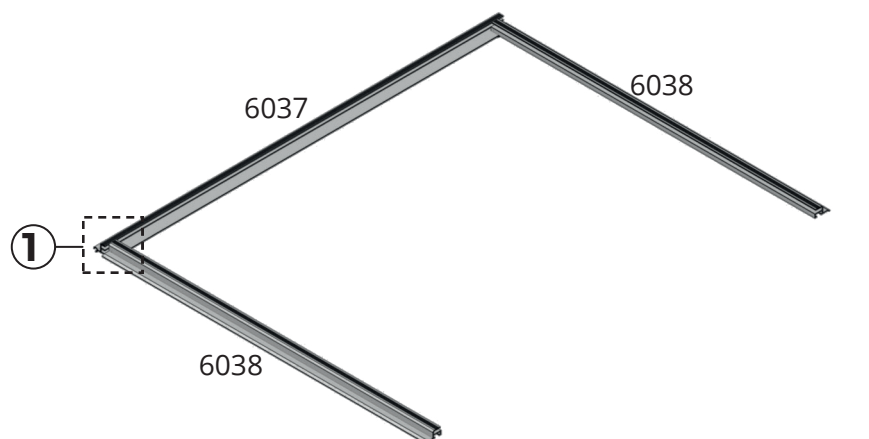


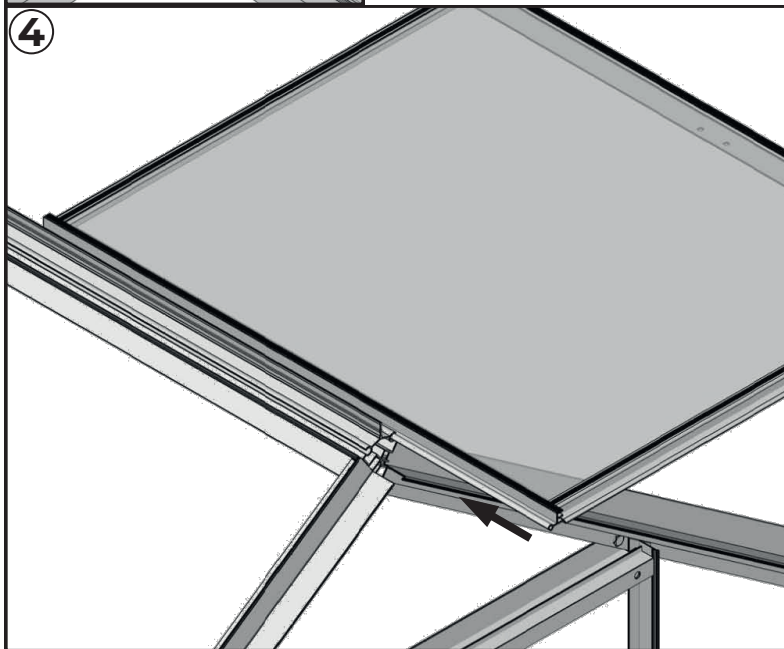
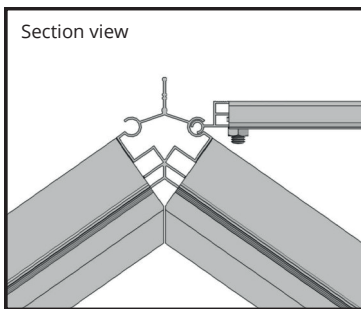
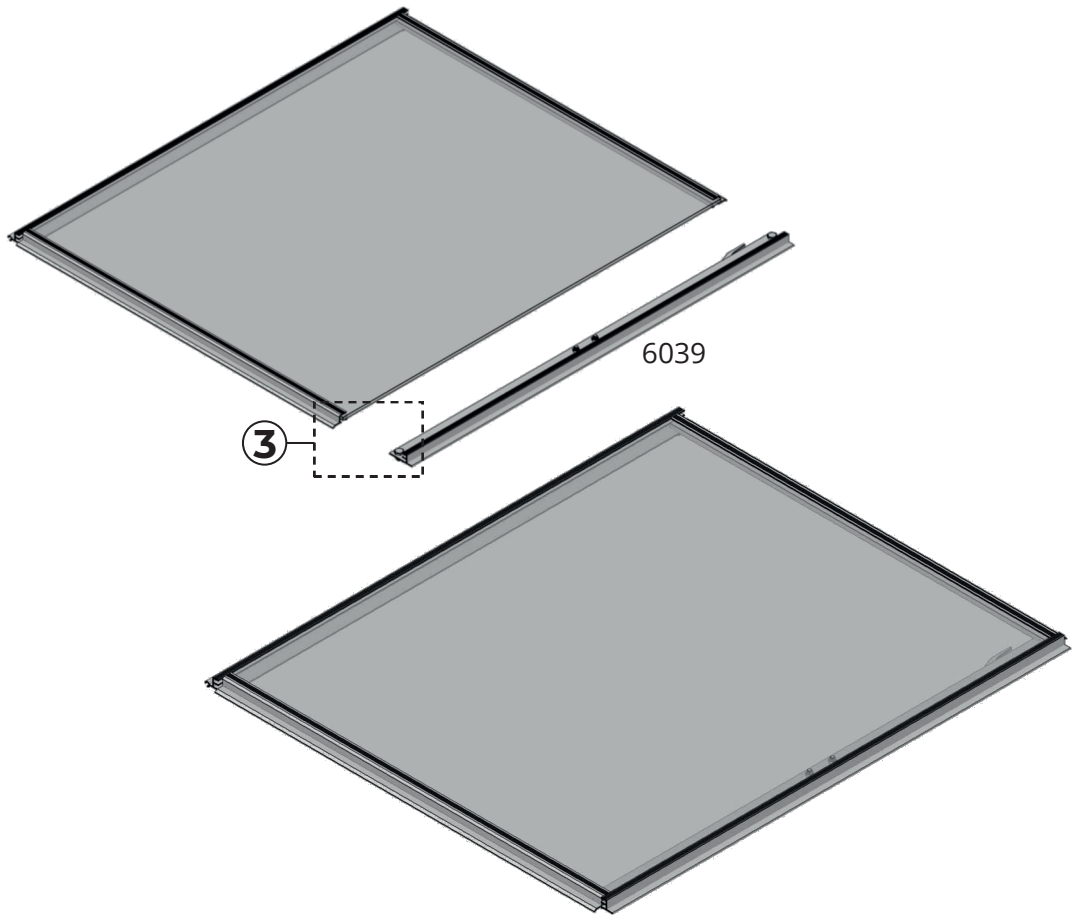
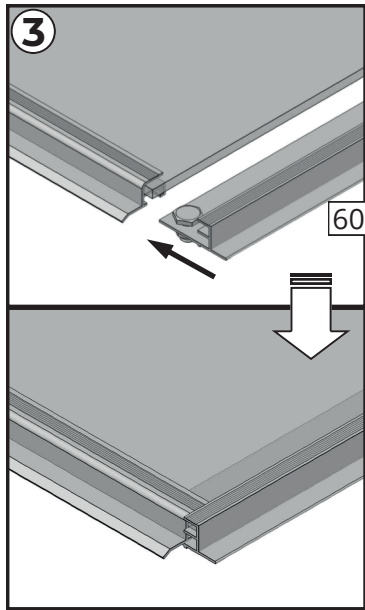
#	6652	6675	6676	6077	6049	p4	p5	m10	a1	a2	a5	a6	a7	n1	Door brush	p10
mm	1225	588	588	1802	378	-	-	-	M6x10	M6	φ3.5x19	φ3.5x35	M4x8	-	1802	1000
X	1	1	3	2	1	2	2	1	5	5	4	10	2	2	2	1



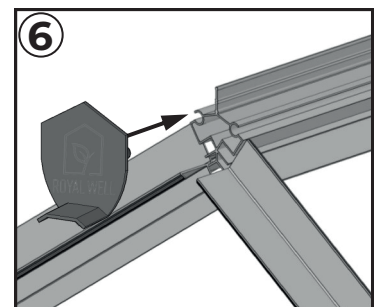
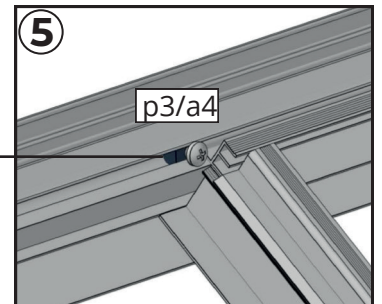
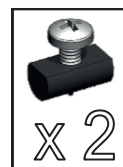
										
#	6037	6038	6039	6055	a1	a2	a7	a10	a4	p3
mm	611	497	600	200	M6x10	M6	M4x8	M4	Φ4.2x9.5	-
x	1	2	1	1	4	4	2	2	2	2

	spire 3,7	spire 4,8	spire 6,0	spire 7,2	
x	1	1	2	2	





On either side of the vent.

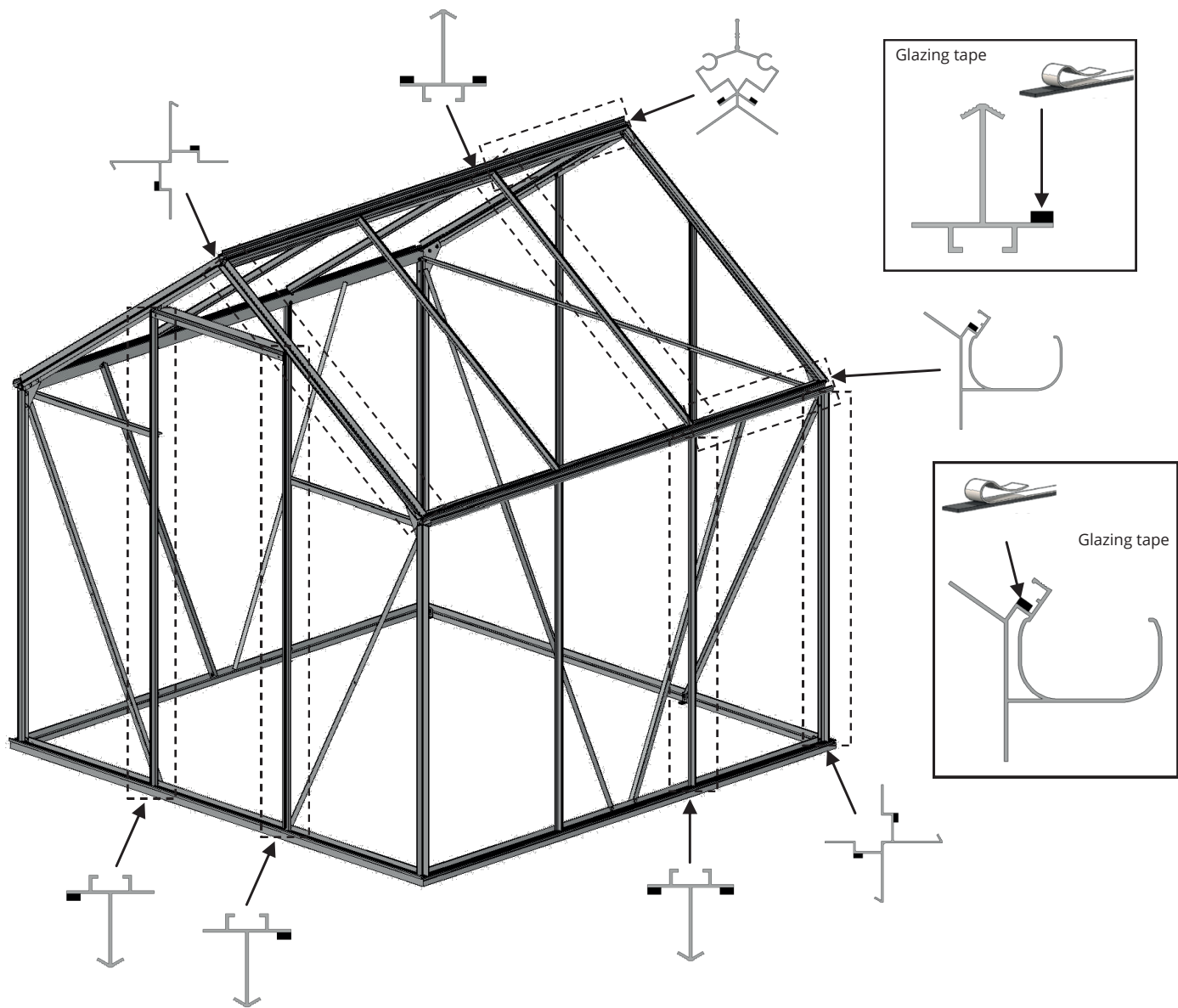


Refer to page 12 of this manual on rubber parts (part #p10) for the skylight before installing the vent in the garden greenhouse.

t

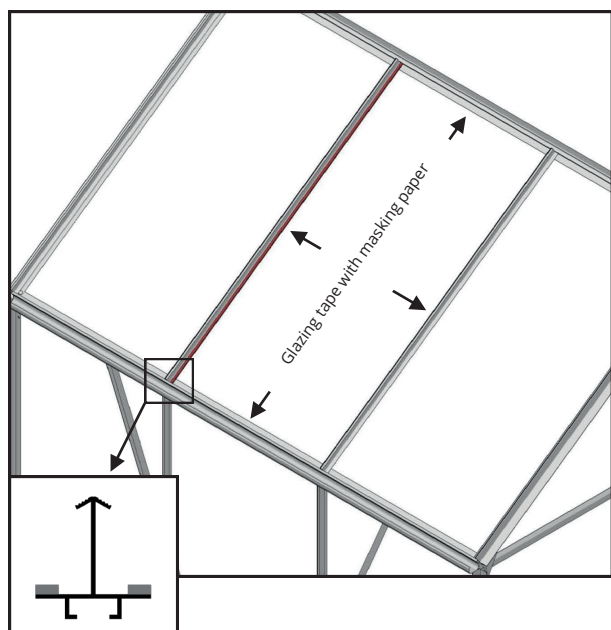
GLASS

If you are also going to mount shelf(s) and table(s) in this greenhouse, drill holes in the outer profiles and mount the shelf(s) and table(s) before installing the glass. More information can be found in the manual of the shelf(s) and table(s).



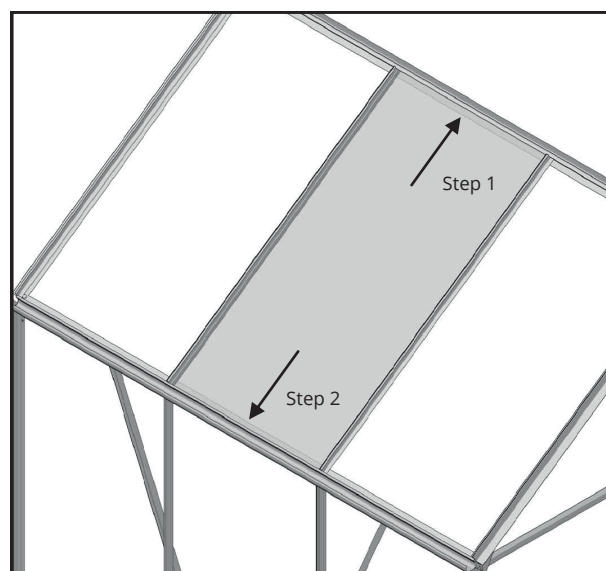
		spire 3,7	spire 4,8	spire 6,0	spire 7,2	
Glazing tape	5M	12 roll	15 roll	17 roll	20 roll	

On front and rear gable and side wall: Please put glazing tape together with masking paper on glazing bar first, then peel off masking paper from glazing tape before assembling glass panels.

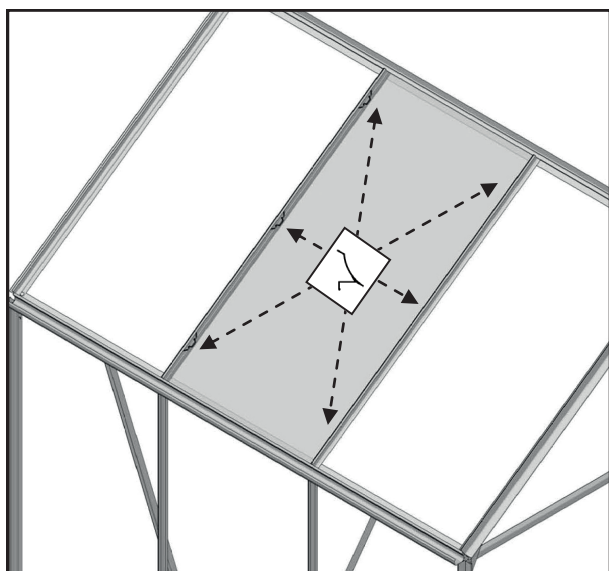


Roof

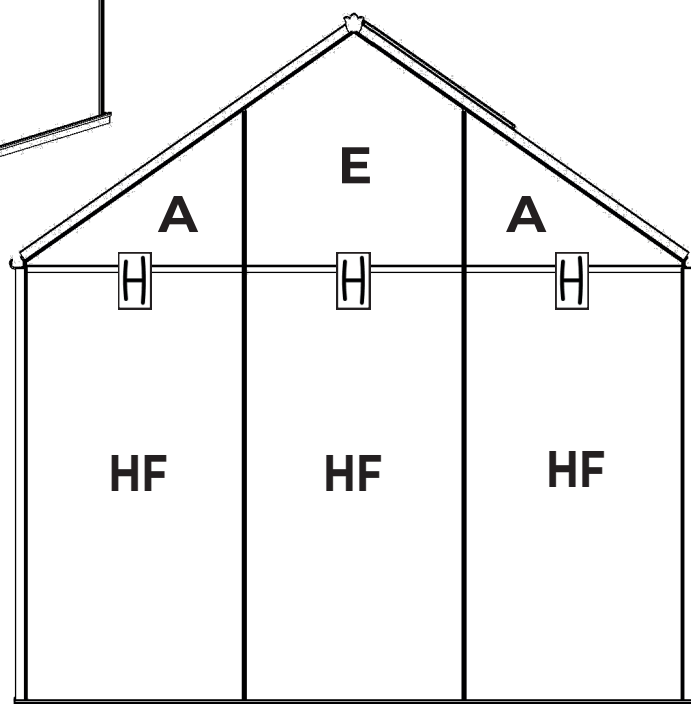
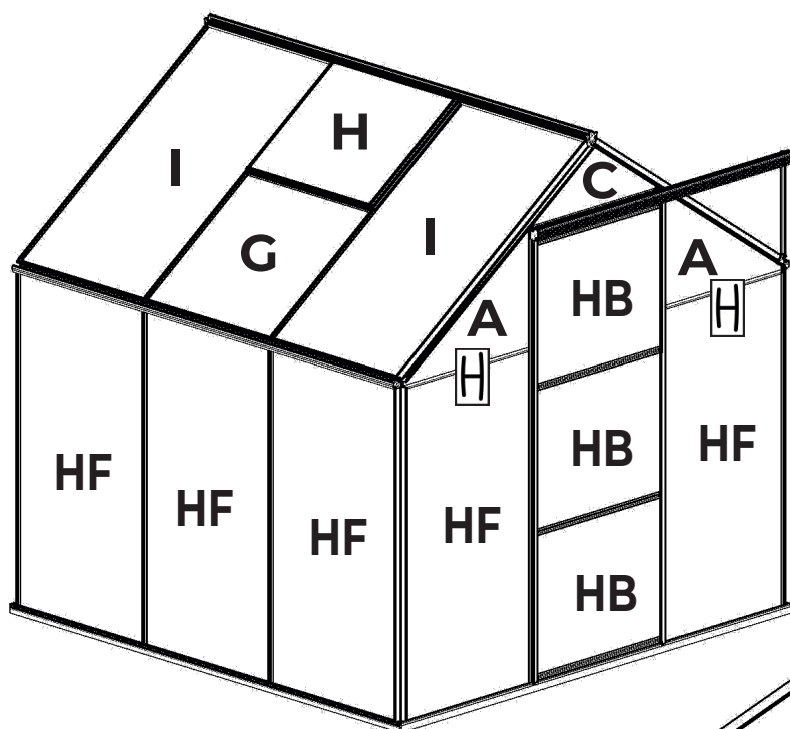
First apply glazing tape with masking paper to the frame, ridge beam and gutter and only remove the masking paper from the glazing tape before fitting the glass panels.



When glazing the roof: first insert the top end of the glass into the ridge channel. Then insert the bottom end of the panel into the gutter.

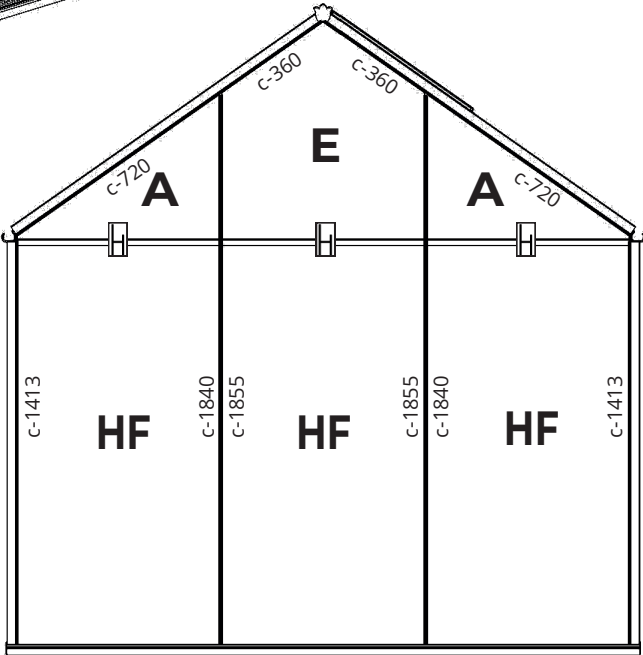
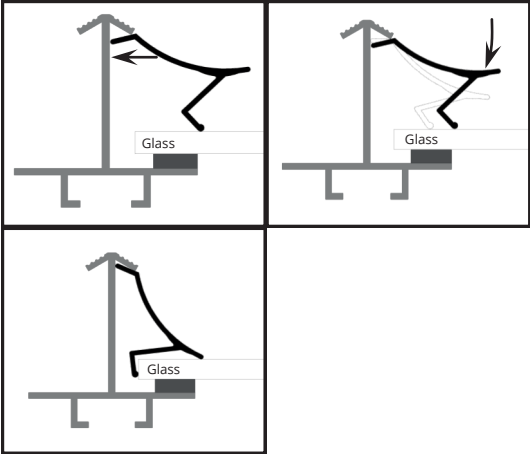
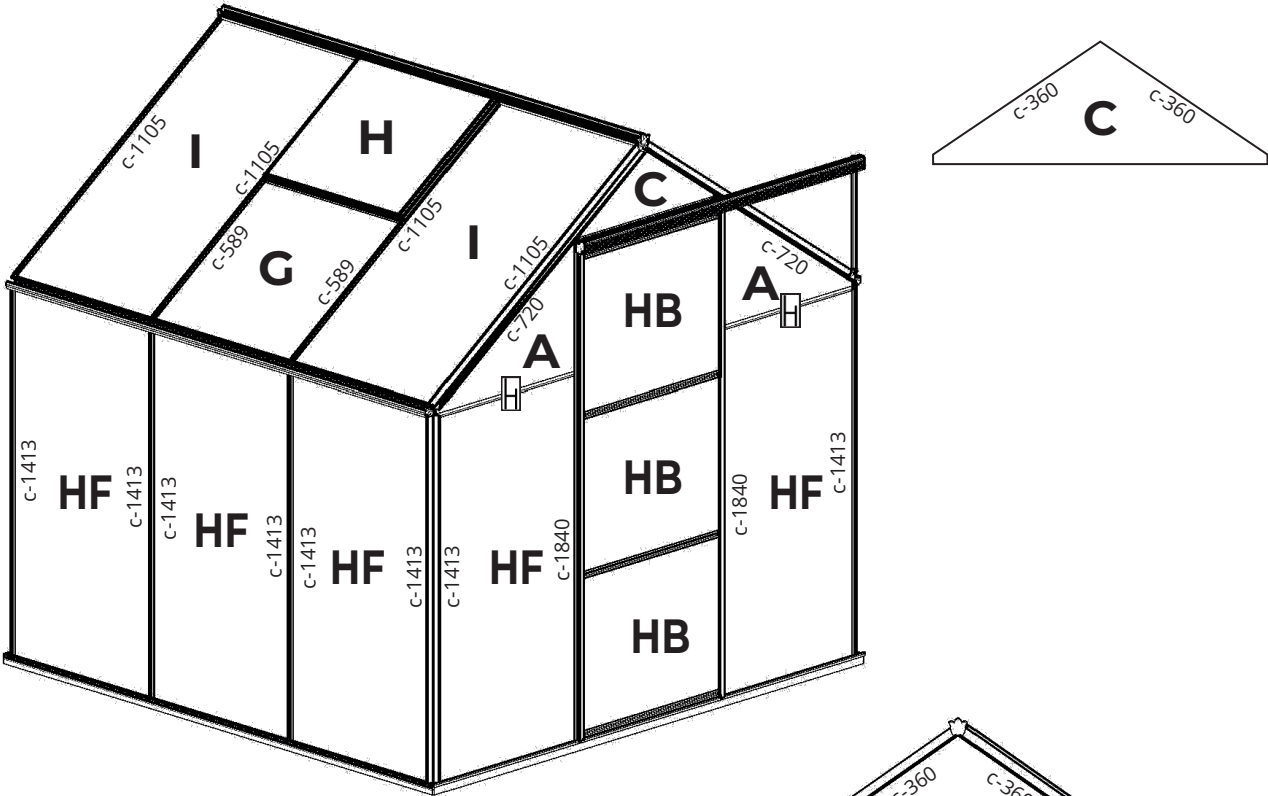


Finally, use PVC capping bars to secure the glass.



Use PVC bar capping & glazing tape to secure panels.

#	Sizes in mm	SPIRE 3,7	SPIRE 4,8	SPIRE 6,0	SPIRE 7,2	
A	602 x 22 / 444	4	4	4	4	
HB	602 x 585	3	3	3	3	
C	598 x 18 / 227 / 18	1	1	1	1	
E	602 x 449 / 660 / 449	1	1	1	1	
HF	602 x 1412	11	13	15	17	
G	602 x 599	1	1	2	2	
H	594 x 507	1	1	2	2	
I	602 x 1116	5	7	8	10	
H	580	5	5	5	5	



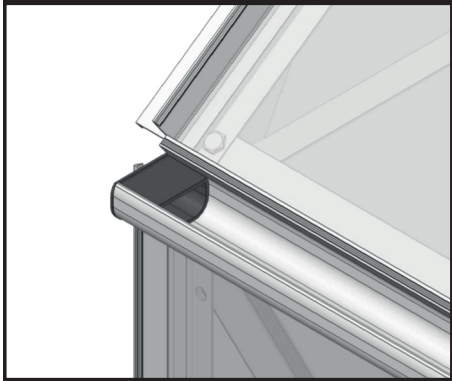
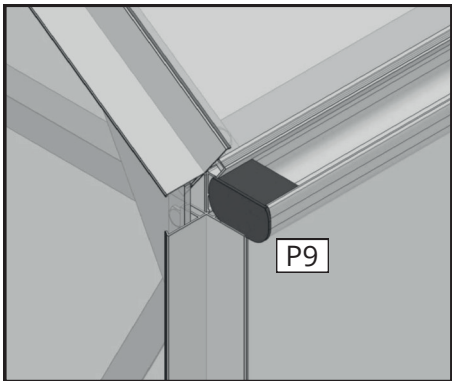
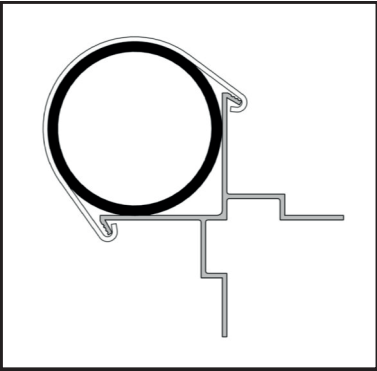
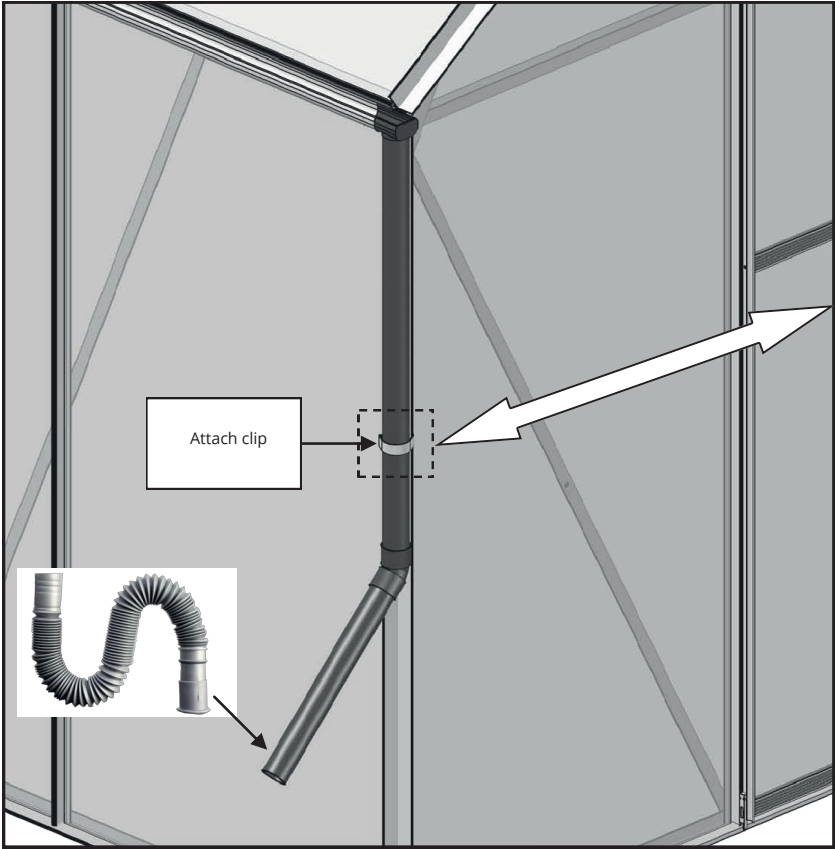
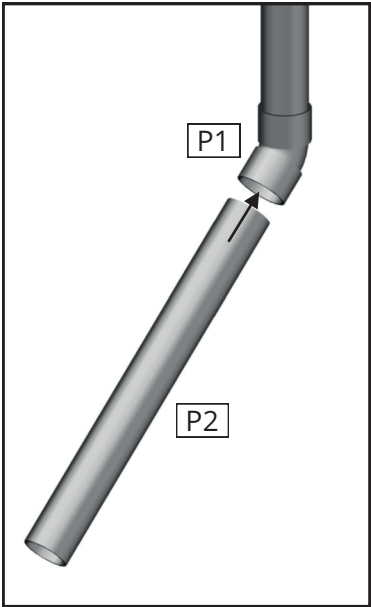
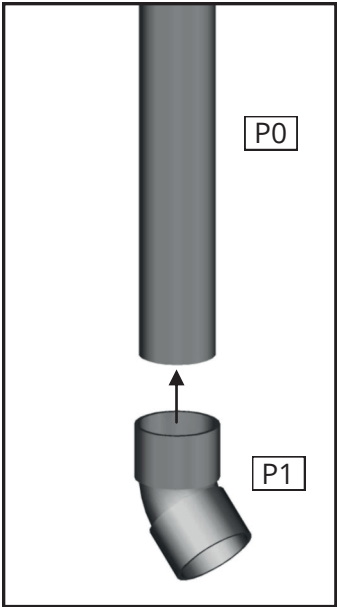
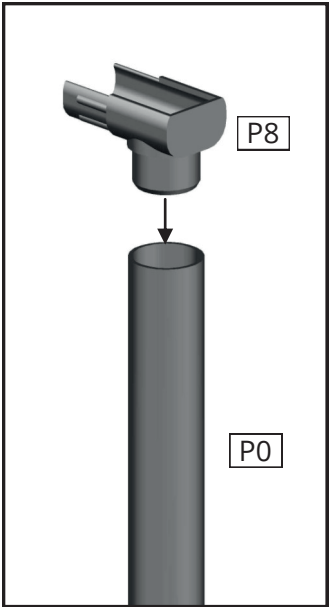
Use PVC bar capping & glazing tape to secure panels.

PVC bar capping

PVC bar capping

			Length in mm	spire 3,7	spire 4,8	spire 6,0	spire 7,2					Length in mm	spire 3,7	spire 4,8	spire 6,0	spire 7,2	
Front gable	c		1413	2	2	2	2		Rear gable	c		1413	2	2	2	2	
			1840	2	2	2	2					1840	2	2	2	2	
			360	2	2	2	2					1855	2	2	2	2	
			720	2	2	2	2					360	2	2	2	2	
Roof	c		1105	10	14	16	20		Side wall	c		720	2	2	2	2	
			589	2	2	4	4					1413	12	16	20	24	

DOWNPIPE

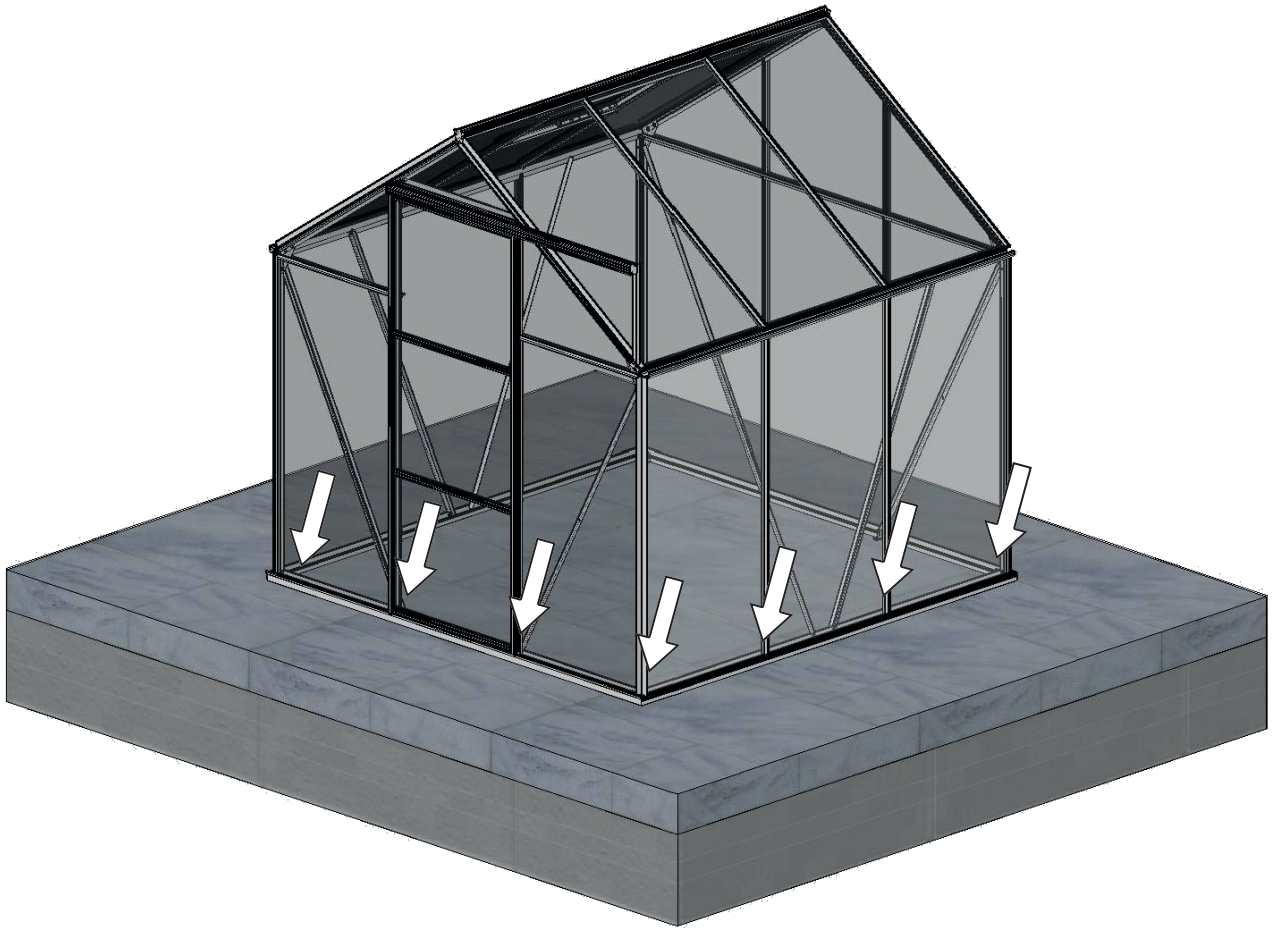


							
#	P8	P9	M0	P1	P0	P2	FP
mm					800	200	320
X	2	2	2	2	2	2	2

* We recommend attaching P9 with superglue, which we do not supply.

*
*

FIXING TO SUBSTRATE



To attach the greenhouse to the foundation, you will need: screws (5x50 mm), grey plugs, 8 mm masonry drill and a drill hammer. We do not supply these. Make sure the greenhouse structure is square (diagonal measurements must be equal) and level. Drill holes in the surface at the height of the hole of the supplied base brackets (m5), insert a wall plug in each hole and finally screw a screw in each hole.

