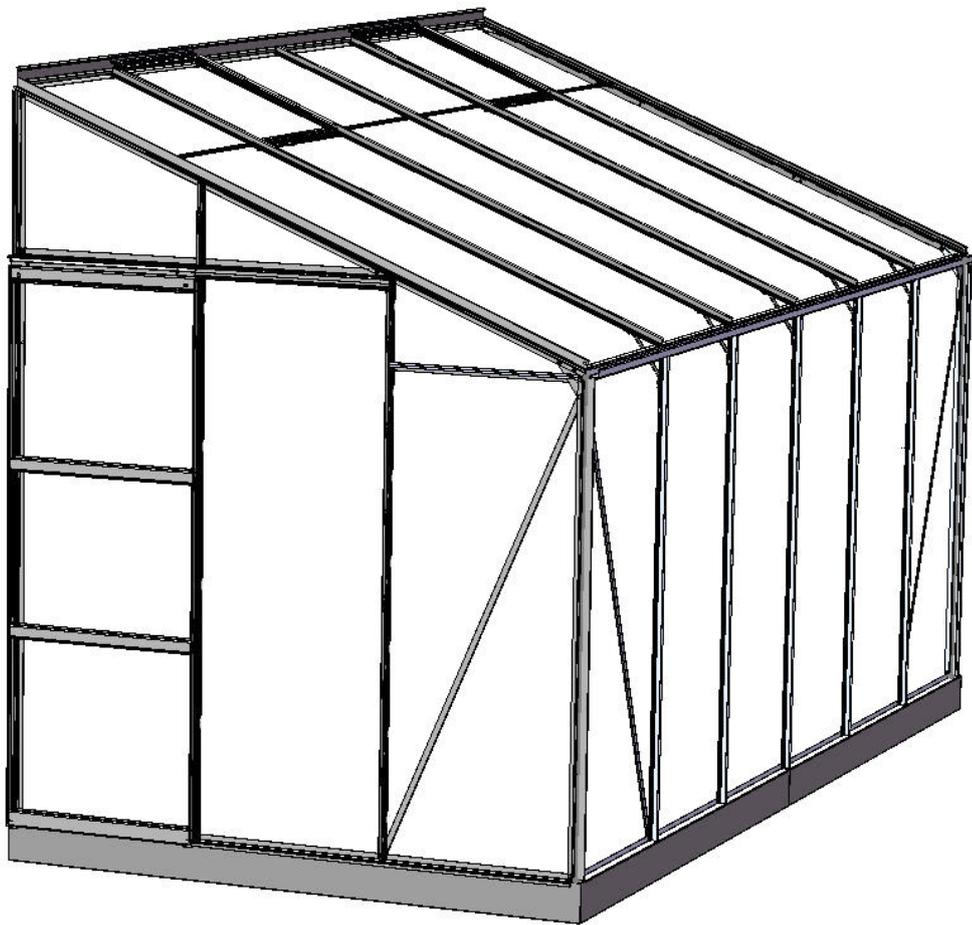


Lean to greenhouse

Model 4.8m²/7.2m²



Congratulations on your purchase of a new greenhouse.

BEFORE YOU START

1. Thank you for selecting our greenhouse. Please read the instructions carefully before starting work.
2. Please wear gloves during construction because the metal edges are sharp.
3. This greenhouse is for raising plants only and we cannot accept liability for any other use.
4. At least 2 people are required to install this greenhouse.
5. Please contact us if you encounter problems during the installation.
6. Do not force the components together.
7. Position your greenhouse in a sunny spot which is sheltered from strong winds.
8. Make sure that doors and roof vents are closed in windy weather.
9. Make sure your greenhouse is covered by your household insurance policy.
10. Polycarbonate may be adversely affected by many chemicals including acids, ammonia, cement, iodine, methanol and petroleum.
11. Use warm soapy water and mild detergents when you wash your greenhouse.

IMPORTANT INFORMATION

1. Use the parts list to check that all components are present before you start work.
2. The main components are labeled with the part number.
3. The parts list includes drawings which show the shape of each profile.
4. Please contact us if any parts are missing.

BASE PLINTH ASSEMBLY – see Page1

1. Page 1 of the instructions shows how to assemble the base plinth.
2. The base plinth must be level and square to ensure a sound foundation for your greenhouse.
3. Figure 1 and Figure 2 Figure 3 inset show how to install the base clips.
4. The base clips should be hooked over the base and bolted to the glazing bars to ensure that the greenhouse is securely fixed to the base plinth.
5. It is important that every base clip is installed especially at a site which may be subject to strong winds.
6. We recommend that the base plinth is securely anchored into the ground especially at a site which may be subject to strong winds. The corner pegs can be set in concrete or the underside of the base can be fixed into a patio or concrete using expanding bolts or screws and plugs.

REAR WALL ASSEMBLY – see Page2

1. Page 2 of the instructions shows how to assemble the rear wall.
2. Pack 1 includes the main components required to assemble the rear wall.
3. Loosely connect the main components with all bolts finger tight only.
4. Figure 1.2. Before fixing the vertical glazing bars slide extra bolts into the bolt channels as required to fix the braces later. If you forget this you can disconnect the glazing bars later and add the extra bolts but it takes longer.

FRONT WALL ASSEMBLY – see Page3

1. Page 3 of the instructions shows how to assemble the front wall.
2. Pack 2 includes the main components required to assemble the front wall.
3. Loosely connect the main components with all bolts finger tight only.
4. Figure 2.2. Before fixing the vertical glazing bars slide extra bolts into the bolt channels as required to fix the braces later. If you forget this you can disconnect the glazing bars later and add the extra bolts but it takes longer.

5. Bolt the door track to the horizontal door frame head as shown in Figure 2.9. If required the bolts can be tightened or loosened later when the door is fitted to ensure smooth opening.
6. Fix the door stop to the door frame as shown in Figure 2.10. If required the stops can be adjusted later when the door is fitted to limit the door opening.

SIDE WALL ASSEMBLY – see Page5

1. Page 5 of the instructions shows the sidewall assembly.
2. Pack 3 includes the main components required for the side wall assembly.
3. Loosely connect the main components with all bolts finger tight only.
4. Figure 3.2. Before fixing the vertical glazing bars slide extra bolts into the bolt channels (2015) as required to fix the braces later. If you forget this you can disconnect the glazing bars later and add the extra bolts but it takes longer.

WALL AND ROOF ASSEMBLY – see Page6

1. Page 3 of the instructions shows how to complete the wall and roof assembly.
2. Pack 4 includes the main components required to complete the roof assembly.
3. Loosely connect the main components with all bolts finger tight only.
4. Join the walls together as shown in the detail drawings.
5. Fix the main ridge beam to the roof corner glazing bars as shown in the detail drawings.
6. Figure 4.7. Before fixing the roof glazing bars slide extra bolts into the bolt channels as required to fix the struts and roof vent framing. If you forget this you can disconnect the glazing bars later and add the extra bolts but it takes longer.
7. Position the completed greenhouse structure on the base plinth and connect the glazing bars to the base using the base clips as shown on Page 1. Loosely connect the bolts so they are only finger tight. Check that the greenhouse is level and square and make adjustments as required before tightening the bolts. Do not overtighten the bolts.
8. Clip the plastic cover caps (1041) over the ends of the gutter.
9. Clip the plastic cover caps (1042) over the ends of the roof corner glazing bars.

DOOR ASSEMBLY – see Page8

1. Page 8 of the instructions shows how to assemble the door.
2. Pack 5 includes the main components required to assemble the door.
3. Connect the main door components as shown in the main drawing. Screw through the vertical framing into the screw channels in the horizontal rails.
4. Push the plastic door sliders into the ends of the door kick rails as shown in Figure 5.4 before assembling the door.
5. Bolt the curved door head rail to the door frame head as shown in Figure 5.4.
6. Bolt the door rollers to the curved door head rail as shown in Figure 5.4 using the correct bolts, washers and nuts.
7. Fit the top of the door by sliding the door rollers into the channel in the door track.
8. Fit the bottom of the door by hooking the door sliders over the cill as shown in Figure 5.9. Figure 5.10.
9. Push the rubber weather strips into the grooves in the vertical door framing as shown in cross section sketch 5.1.
10. Adjust the doors as required to ensure that the doors open smoothly.

ROOF VENT ASSEMBLY – see Page10

1. Page 10 of the instructions shows how to assemble the roof vent.
2. Pack 6 includes the main components required to assemble the roof vent.
3. Assemble the vent frame and the glazing as shown in Figure 6.1, Figure 6.2 and Figure 6.3, Figure 6.4. Make sure the bolts are the right way up.
4. Figure 6.5 Fix the casement handle to the completed vent.
5. Slide the roof vent along the groove in the ridge beam as shown in Figure 6.9
6. Adjust the vent and handle as required to ensure smooth operation.

POLYCARBONATE GLAZING – see Page12

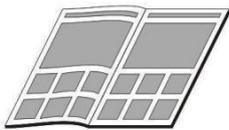
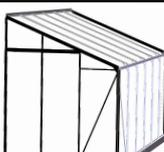
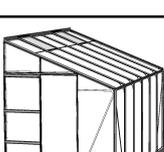
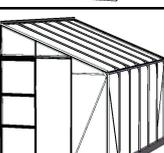
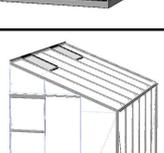
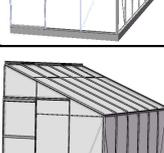
Installment instruction for glass is divide into small part glass page12 and main part glass page 13.

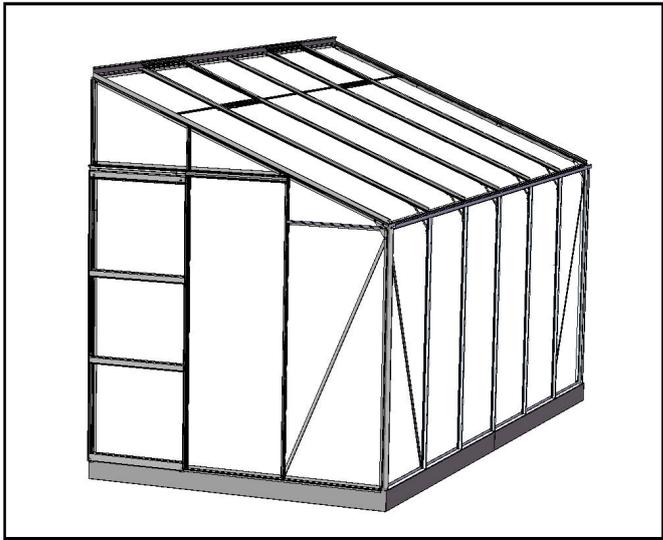
1. The table on the left side and right side includ size and quantity of the glass
2. The installment of corresponding position of the glass is shown in upper right and lower left.
3. Installment of H-strip 13 page.
4. Do not walk on polycarbonate panels.
5. Do not scratch polycarbonate panels.
6. Do not use abrasive cleaners with polycarbonate glazingpanels.

POLYCARBONATE – see Page14.

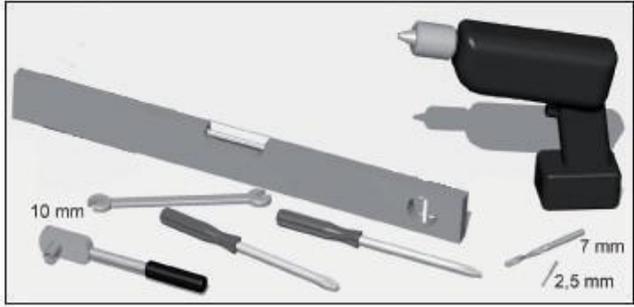
1. Page 14 of the instructions shows how to fit the polycarbonate glazing.
2. Before fitting the polycarbonate peel back approximately 50mm of the protective film from all edges of the polycarbonate sheets. Do not remove the protective film until after the installation is complete.
3. The chart on Page 14 shows the part number, the size in millimetres and the quantity of each polycarbonate panel.
4. At windy locations silicone sealant can be applied to the gasket (part 1054) to provide additional adhesion.
5. Do not walk on polycarbonate panels.
6. Do not scratch polycarbonate panels.
7. Do not use abrasive cleaners with polycarbonate glazing panels.

Survey

	
	1
	2 - 4
	5 - 6
	7 - 8
	9 - 10
	11 - 12
	13 - 15



Tools

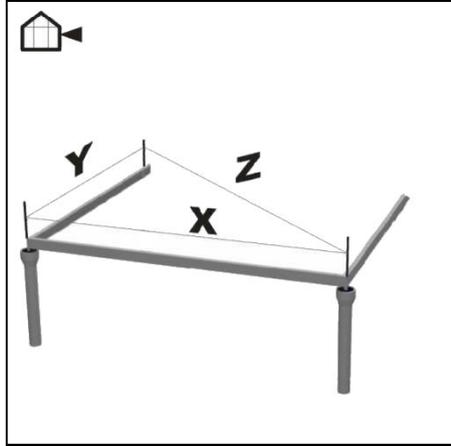
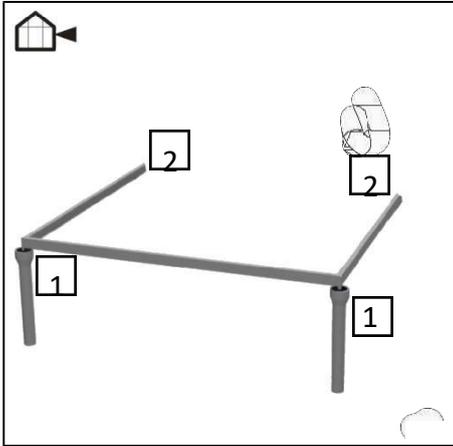


Fittings

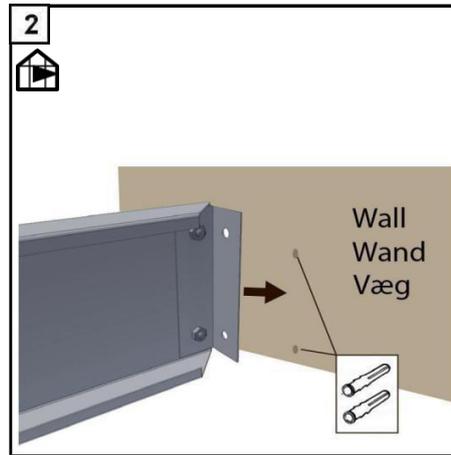
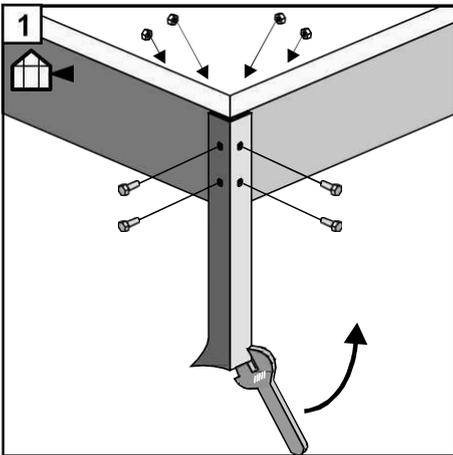
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Accessories

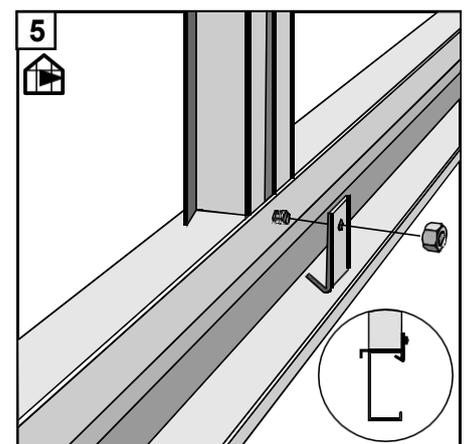
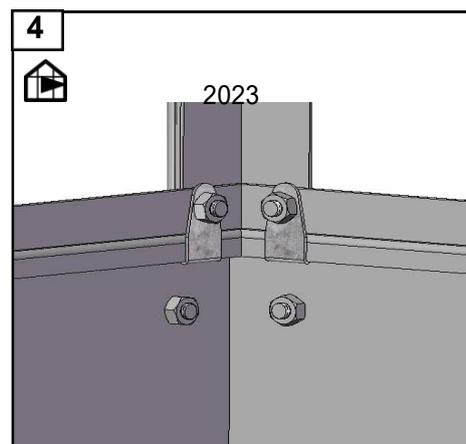
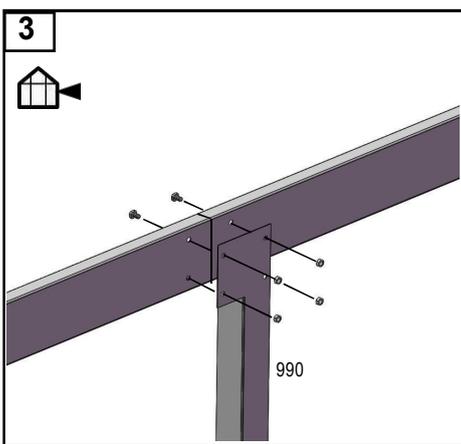
Steel-foundation



	X	Y	Z
4.8	2539mm 8 ft 3"	1894 mm 6ft2"	3169mm 10 ft 4"
7.2	3781mm 12ft 4"	1894 mm 6ft2"	4230mm 13 ft 9"

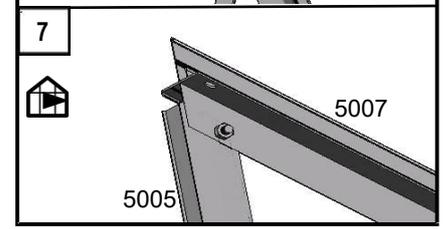
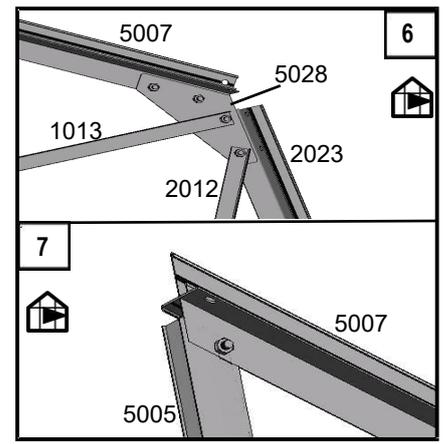
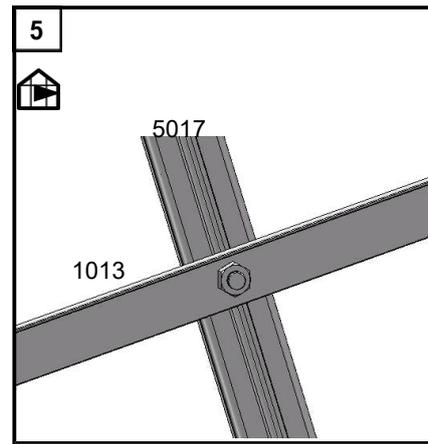
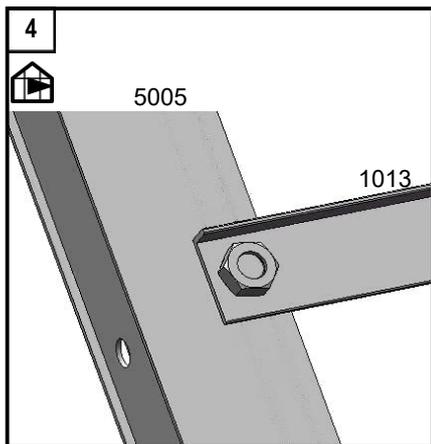
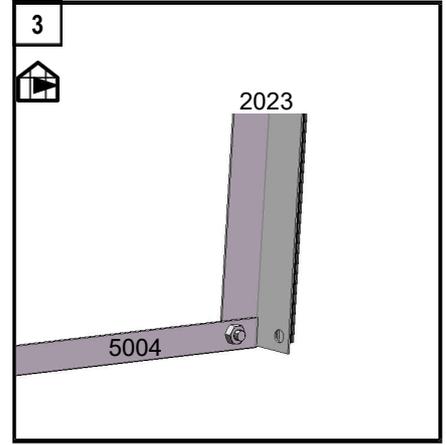
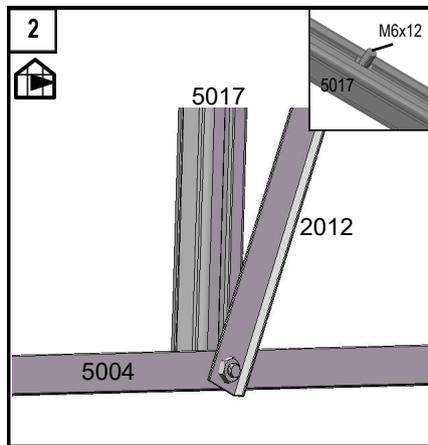
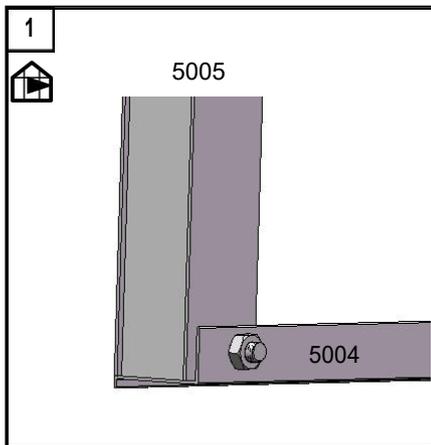
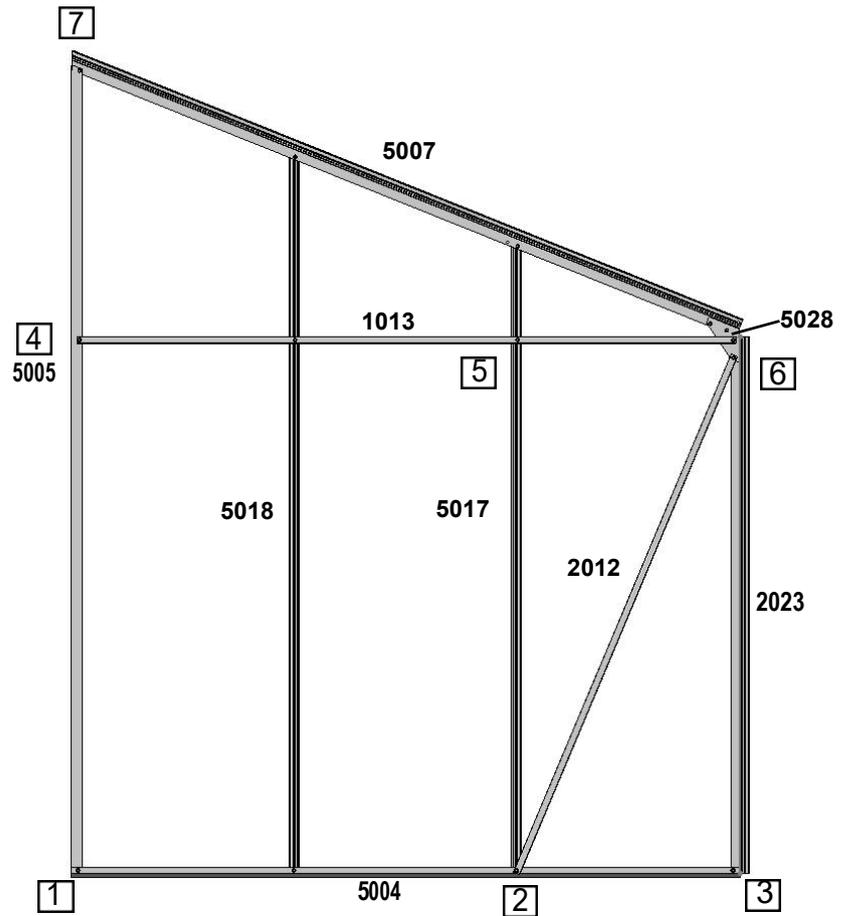


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		2	2			
		0	1			
		4	4			
	M6 x 12	12	16			
	M6					
		10	12			
	M8 x 40	4	4			



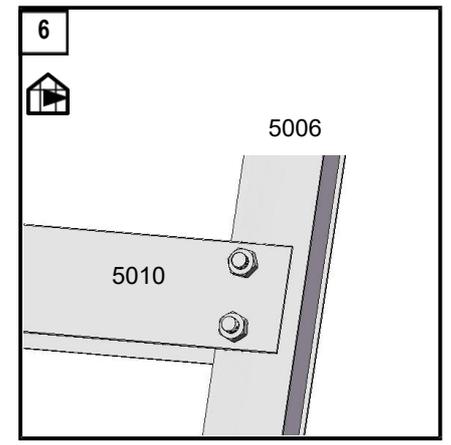
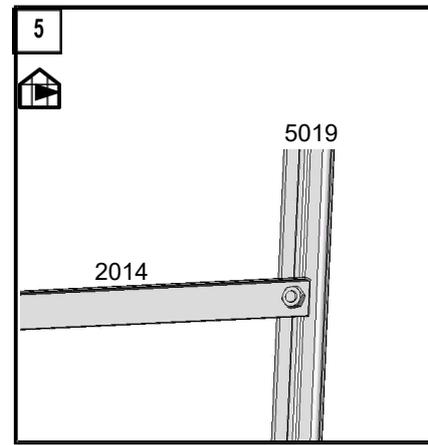
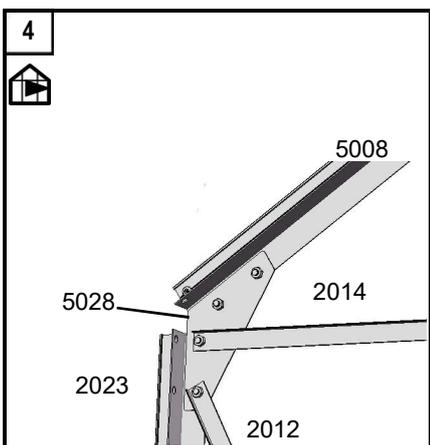
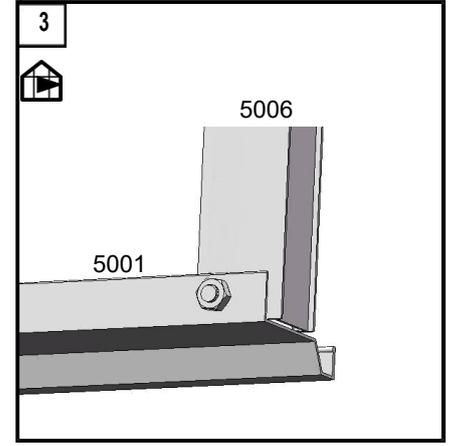
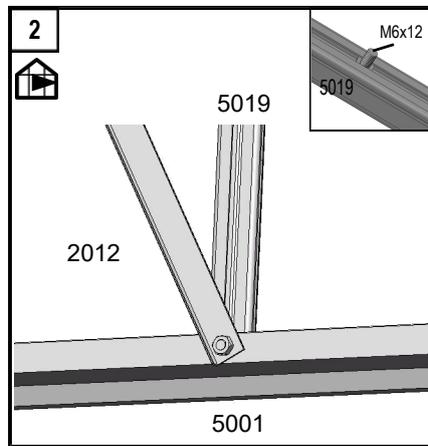
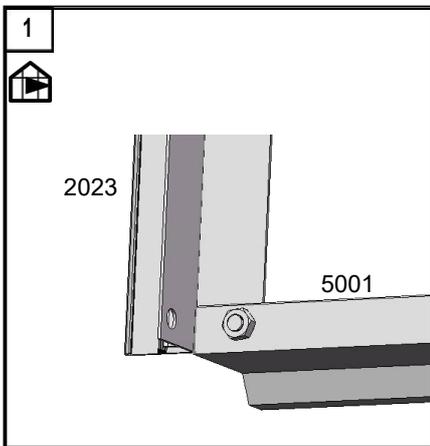
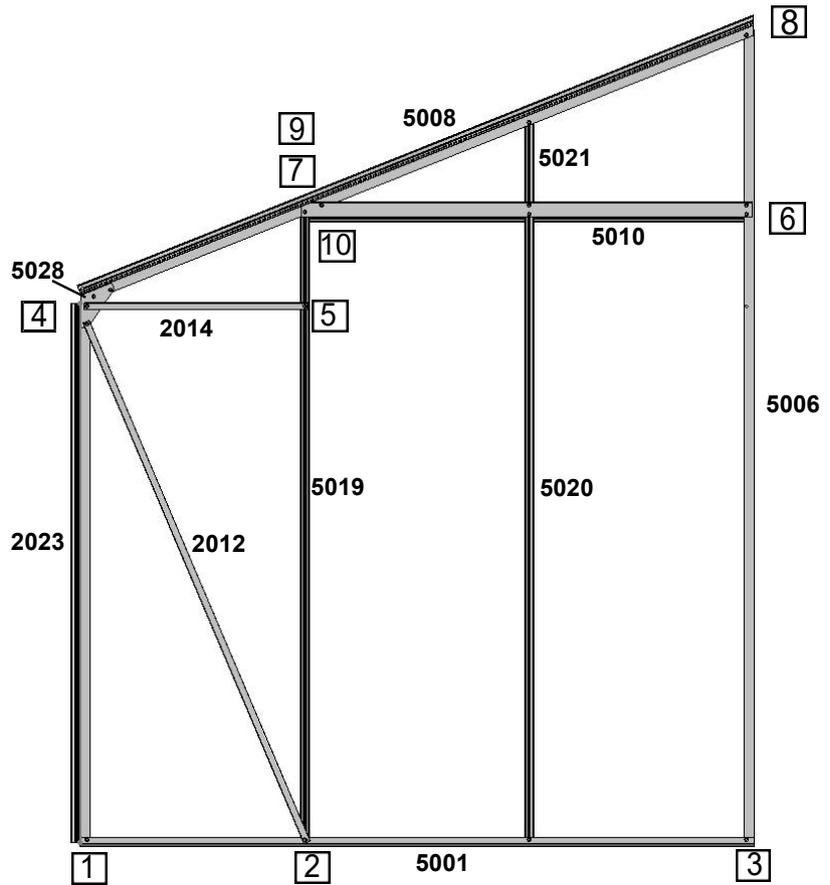
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	5005	1	1			
	5007	1	1			
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	5017	1	1			
	5018	1	1			
	2012	1	1			
	1013	1	1			
	5028	1	1			
	M6×12 M6	14	14			

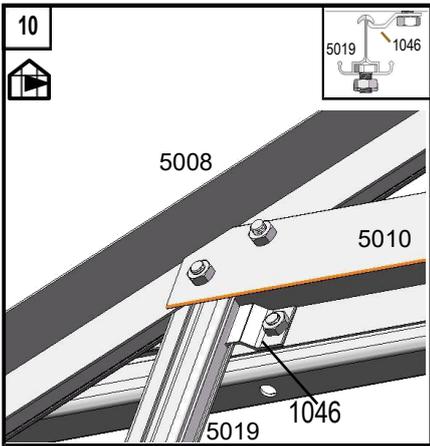
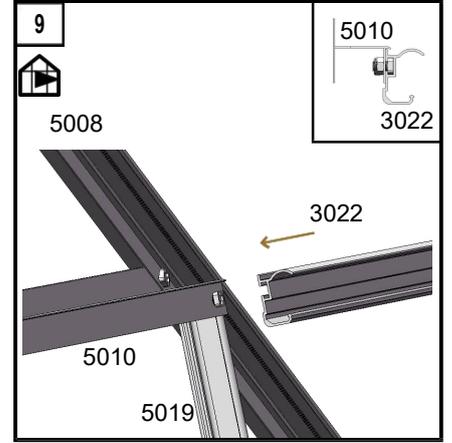
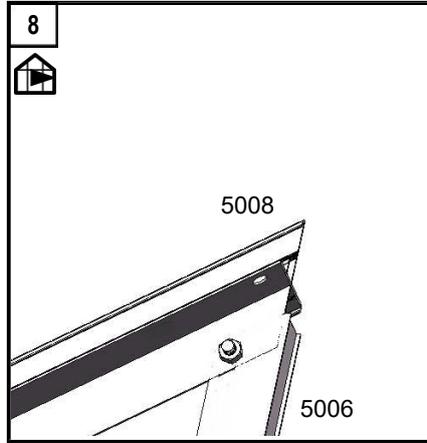
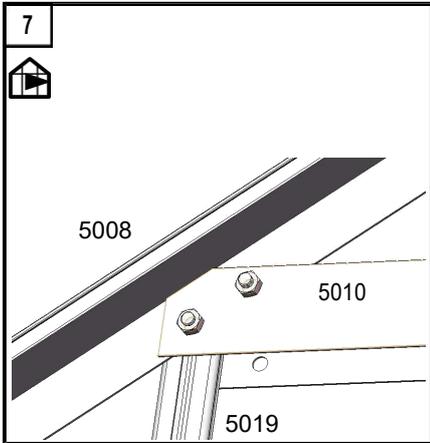


Front gable

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	5008	1	1			
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	5019	1	1			
	5020	1	1			
	5021	1	1			
	5010	1	1			
	2012	1	1			
	2014	1	1			
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	M6x12 M6	20	20			
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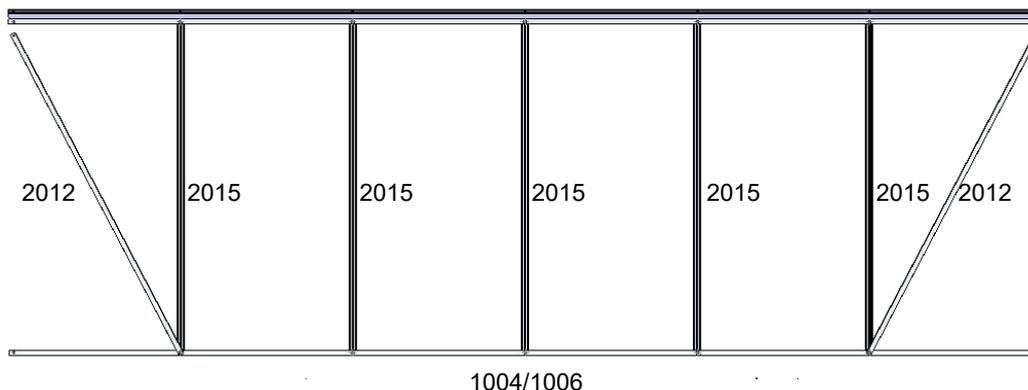


Front gable

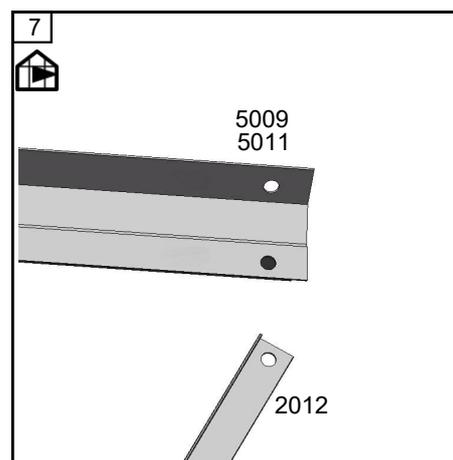
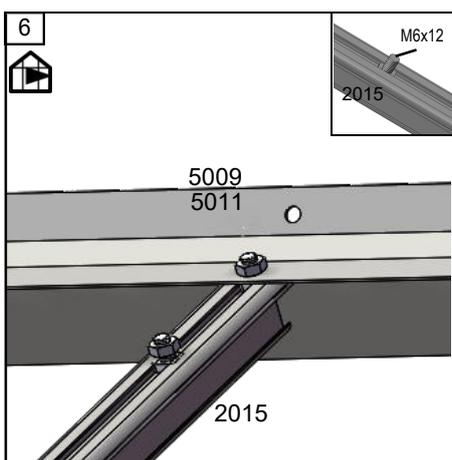
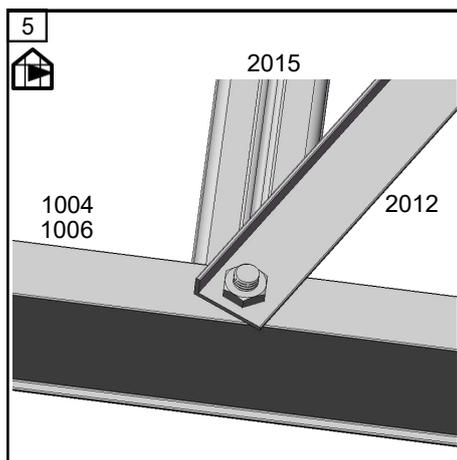
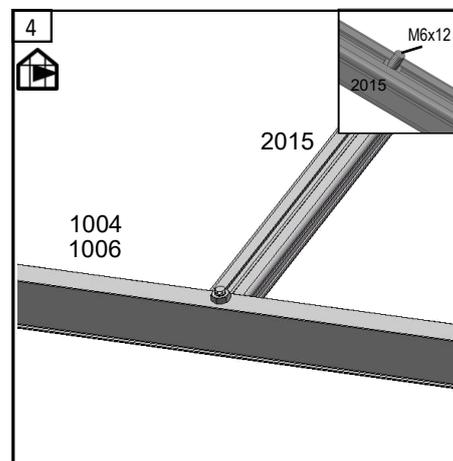
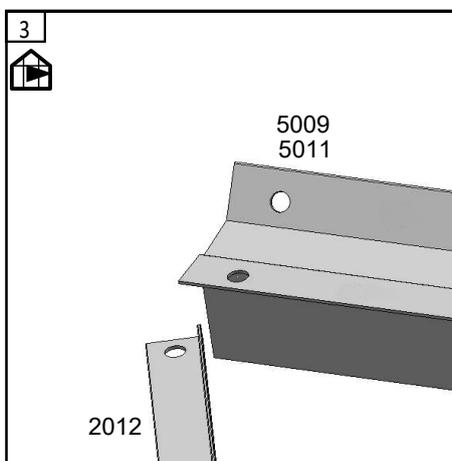
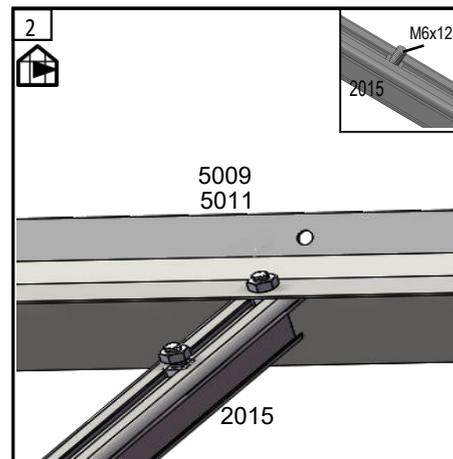
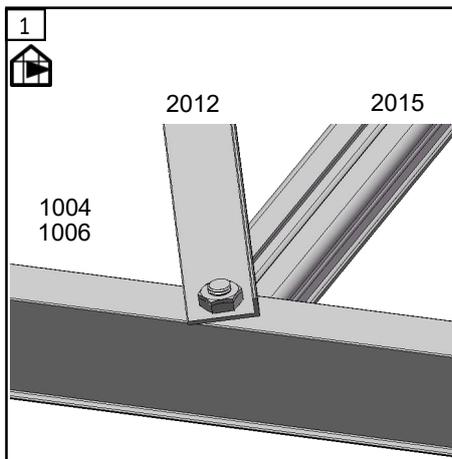


Sides

5009/5011

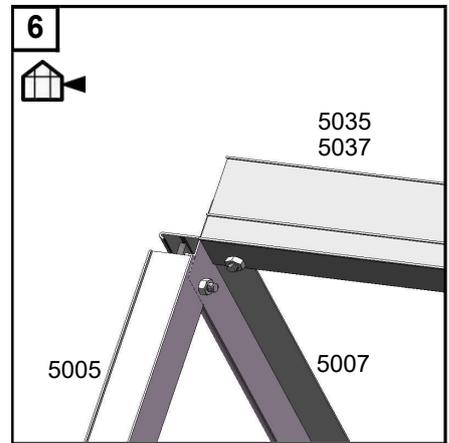
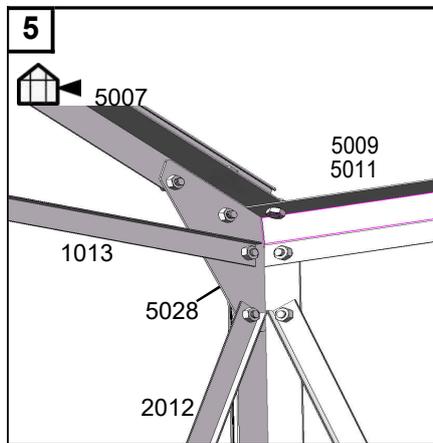
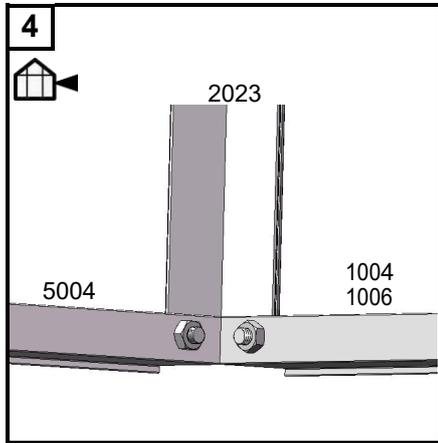
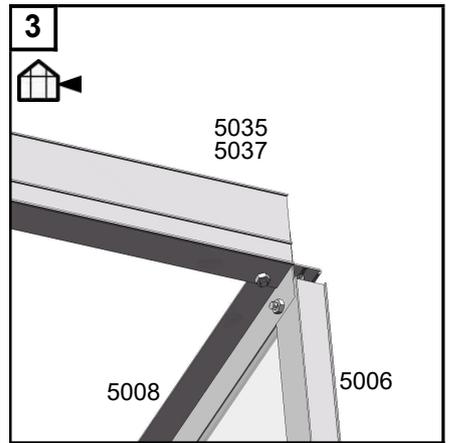
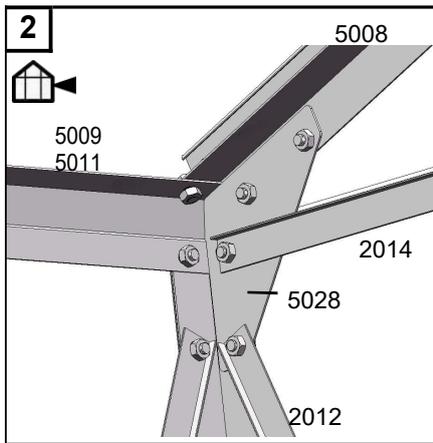
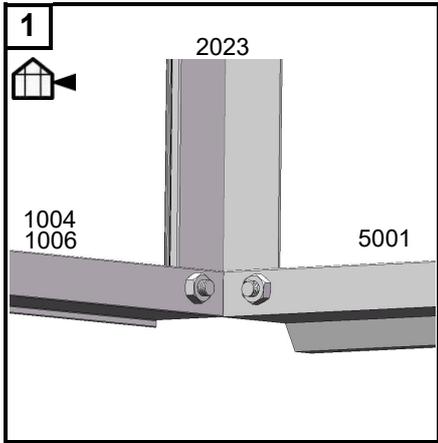
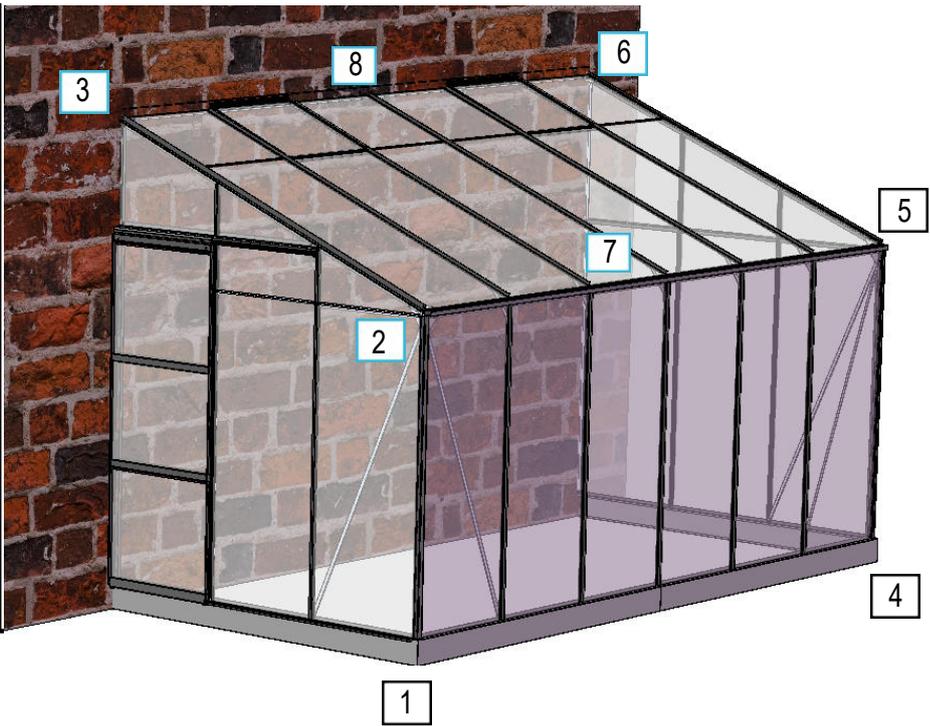


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	2012	2	2
	M6x12 M6	9	15

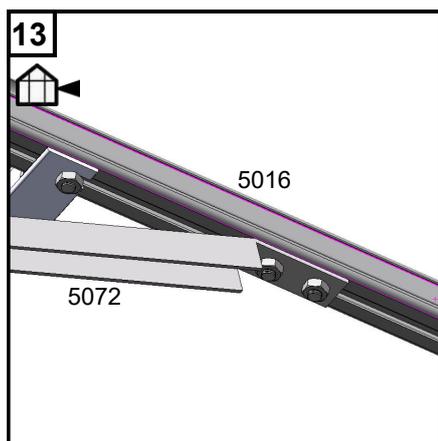
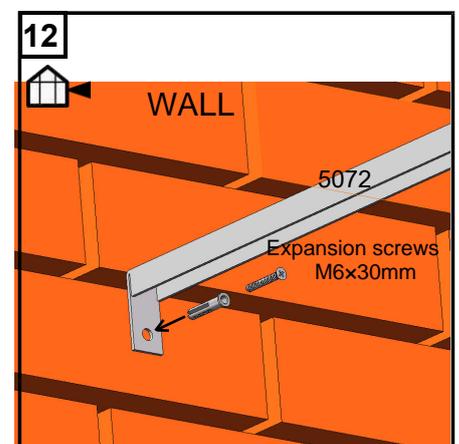
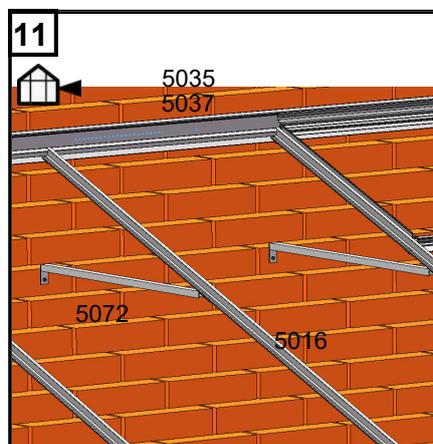
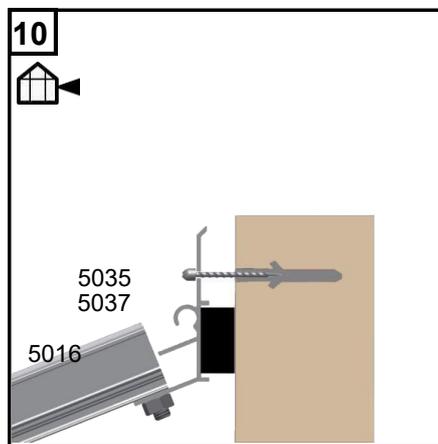
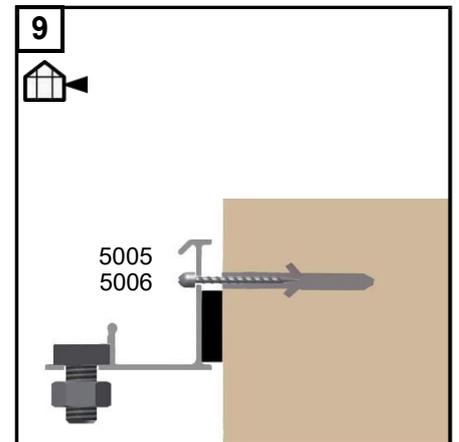
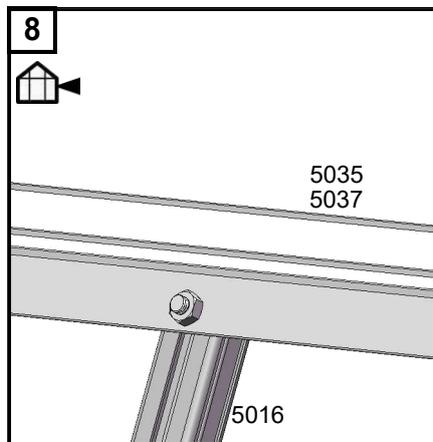
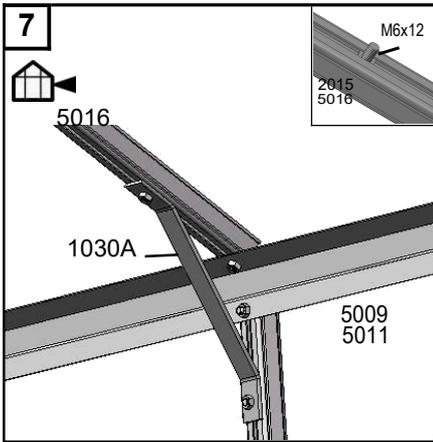


Roof

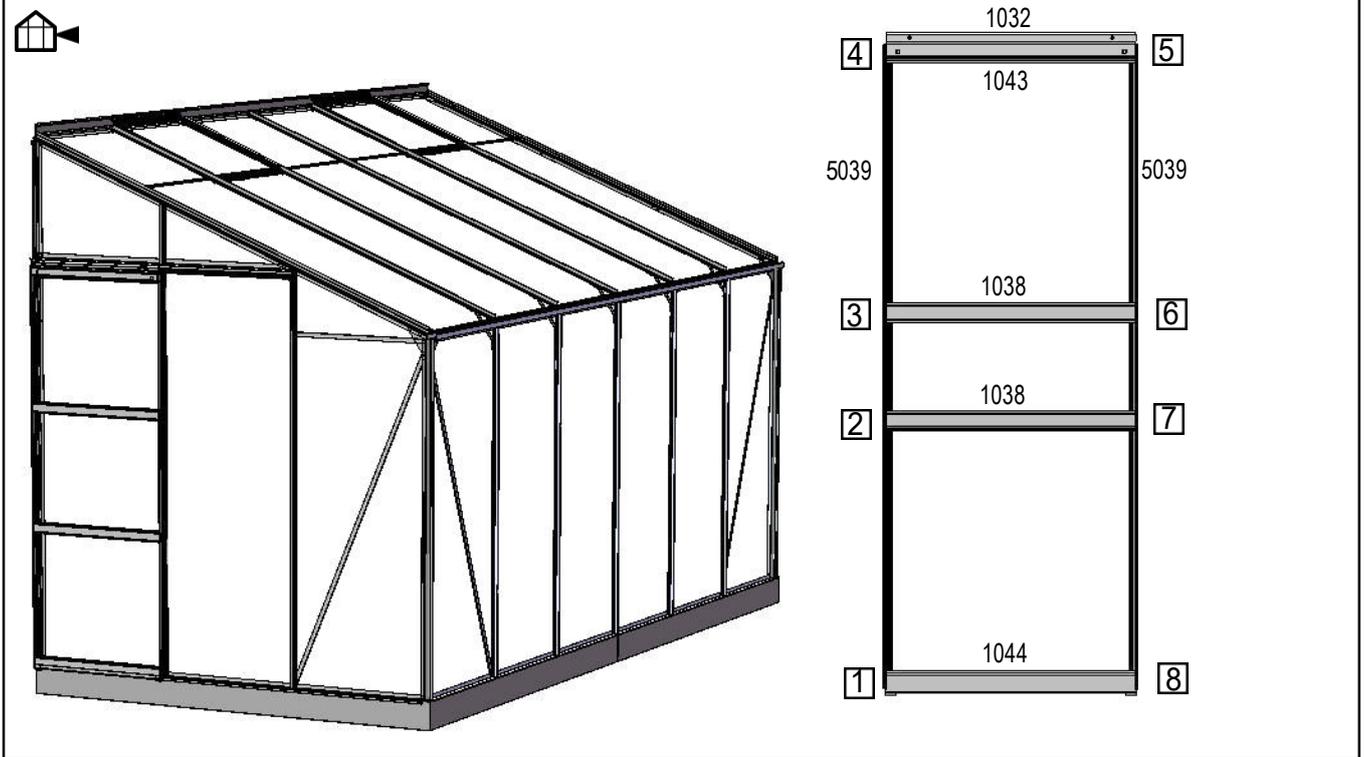
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	M6×30	12	15			



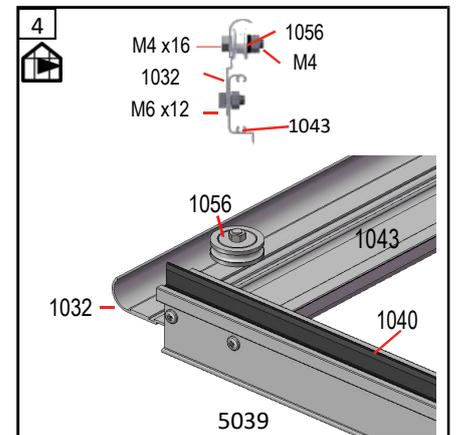
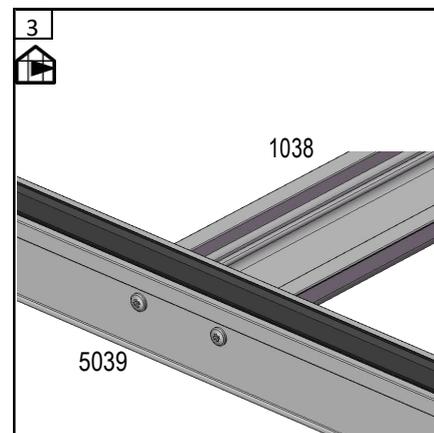
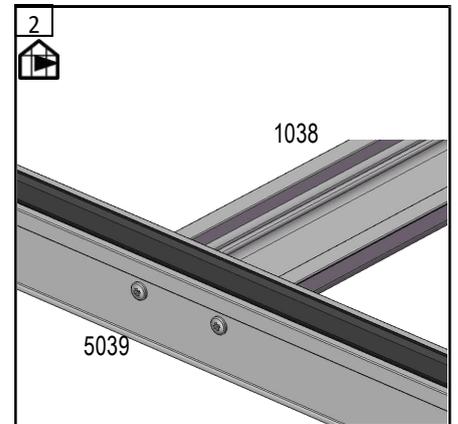
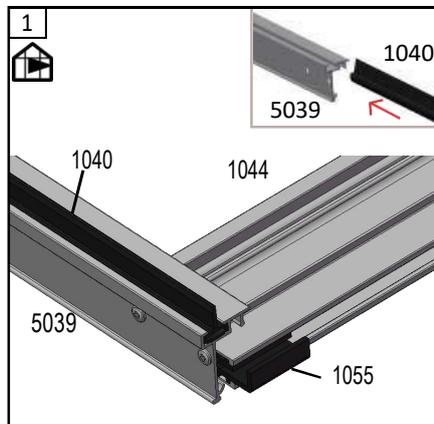
Roof



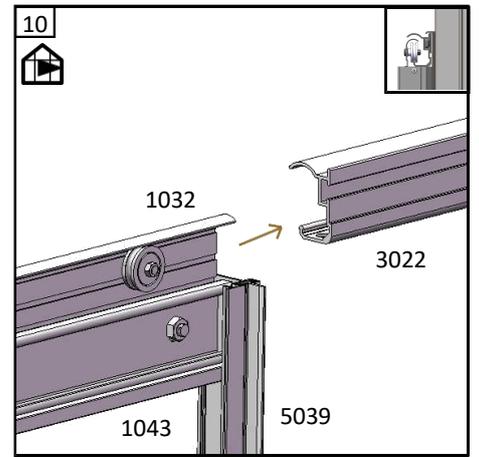
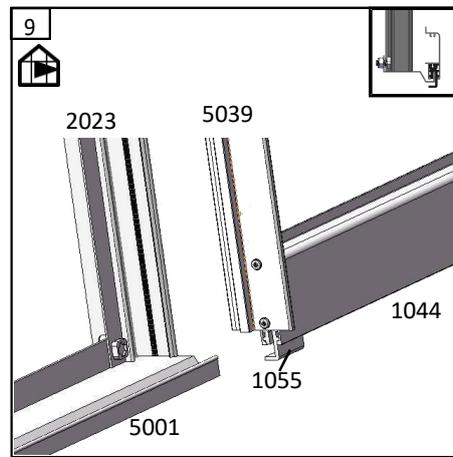
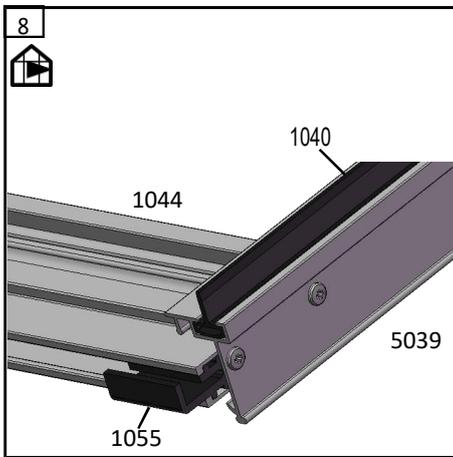
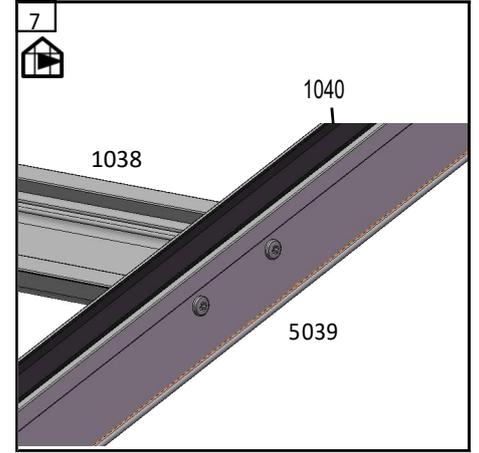
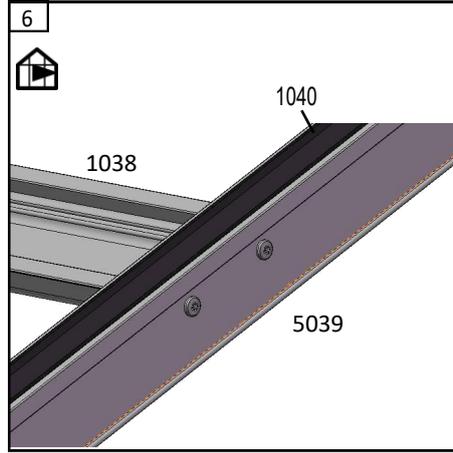
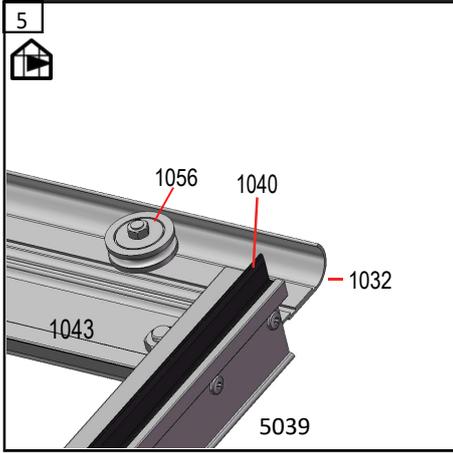
Door



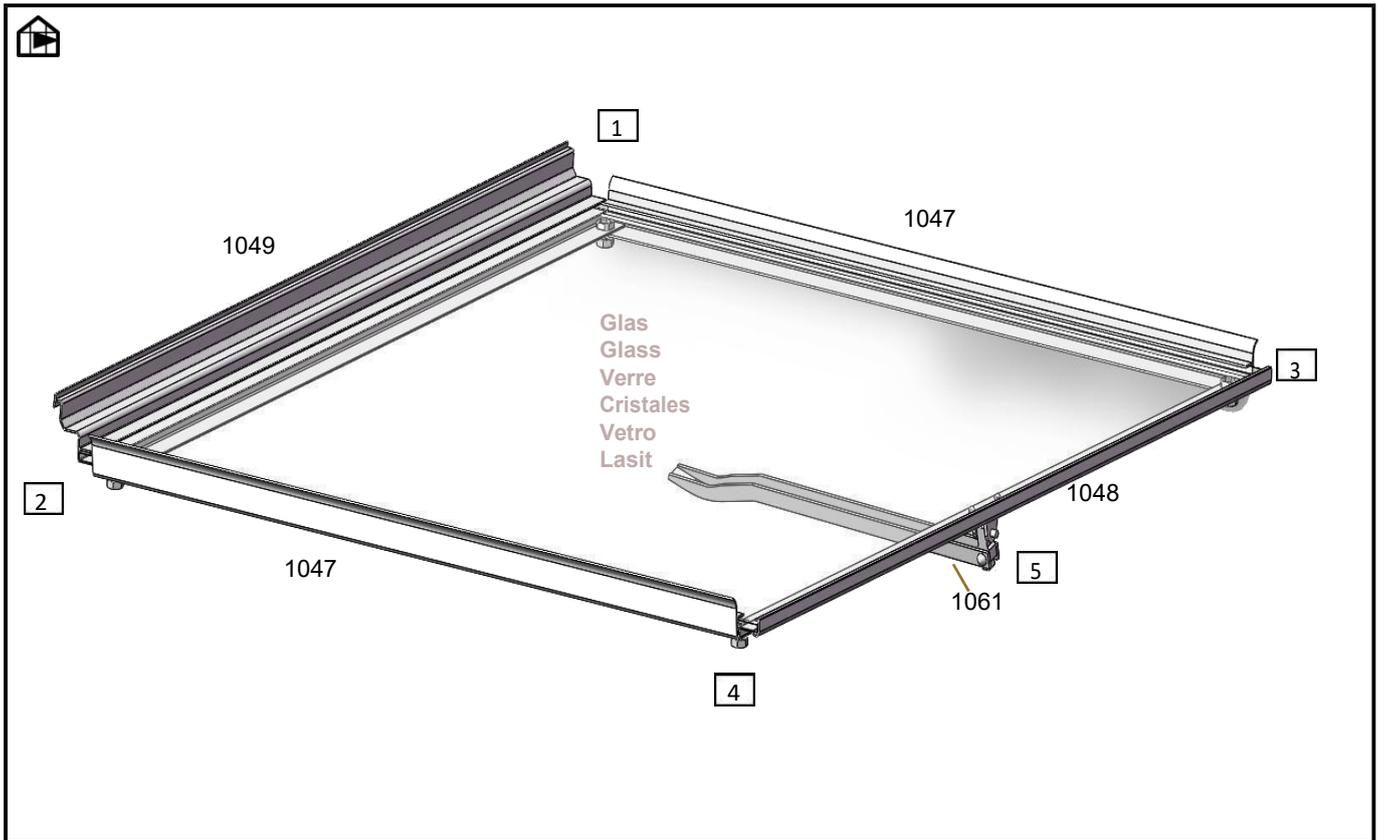
5	#	4.8/7.2
	1032	1
	1038	2
	5039	2
	1043	1
	1044	1
	1040	2
	1055	2
	1056	2
	M4 x16 M4	2
	M4	2
	3.5x12	16
	M6 x12 M6	2



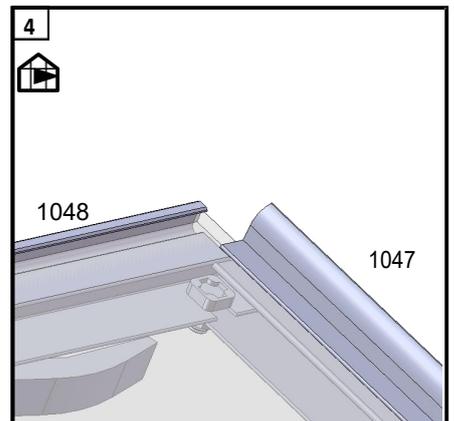
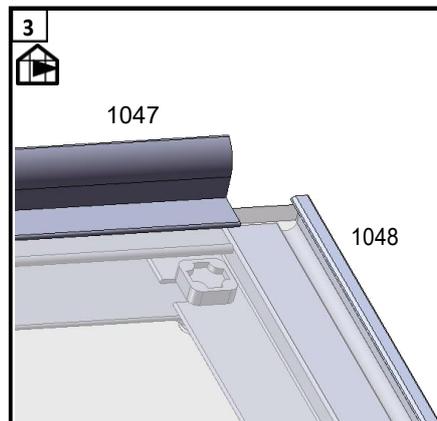
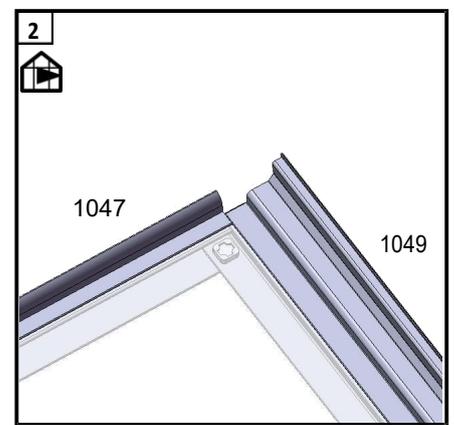
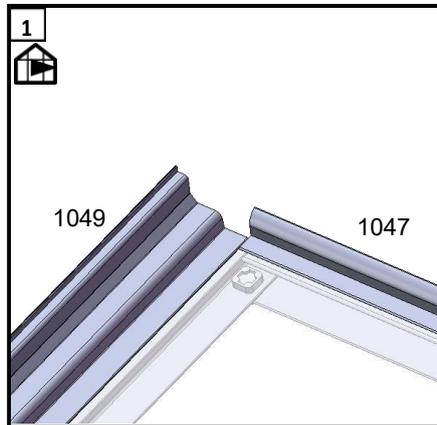
Door



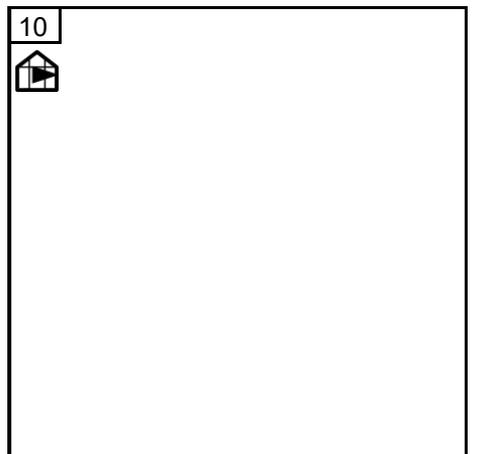
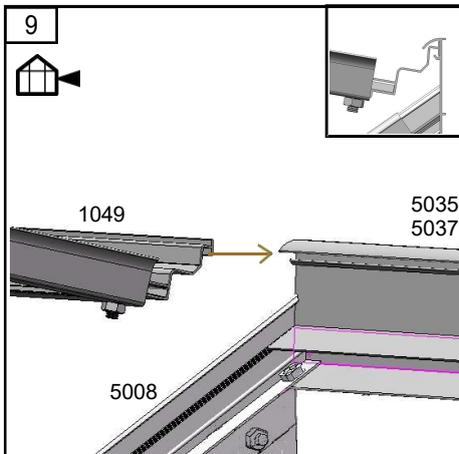
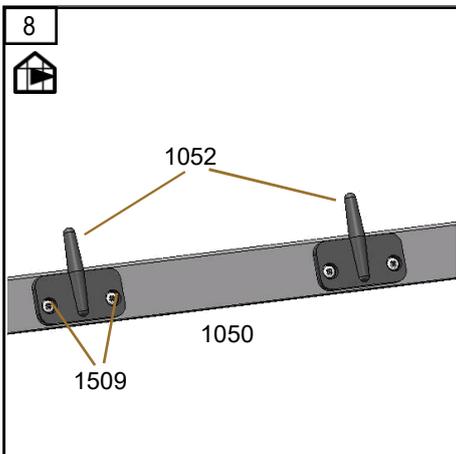
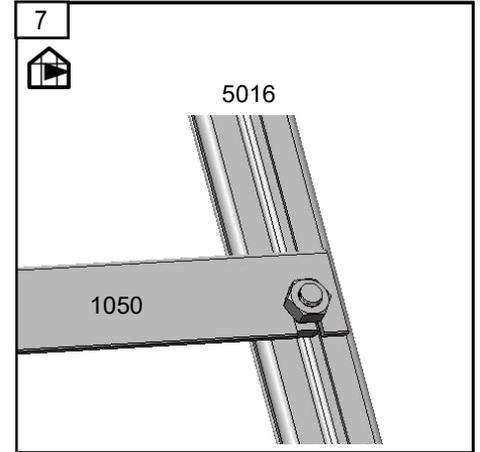
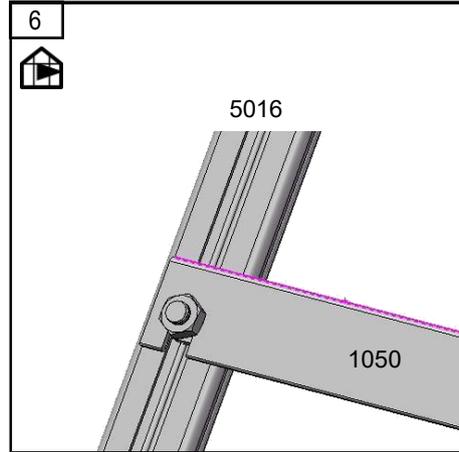
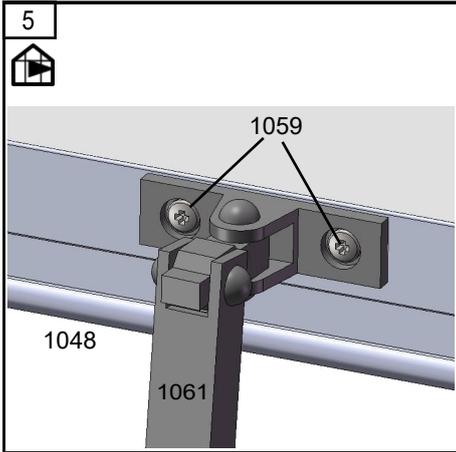
Windows



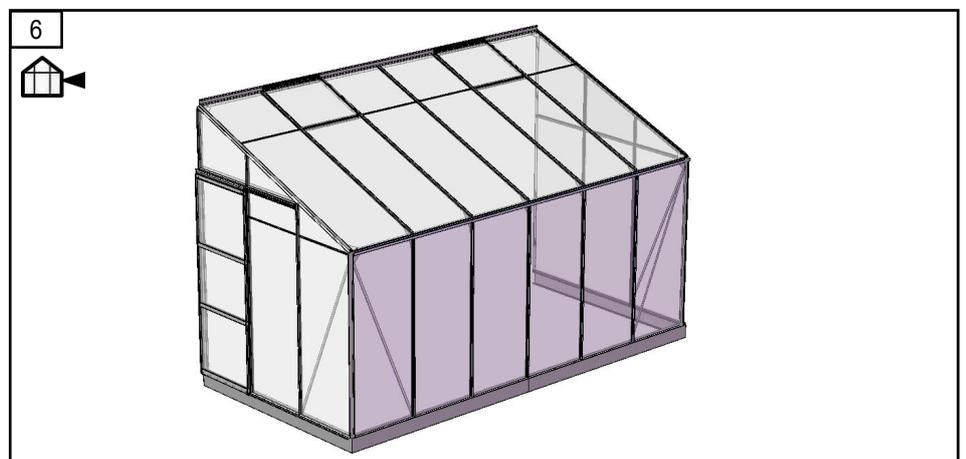
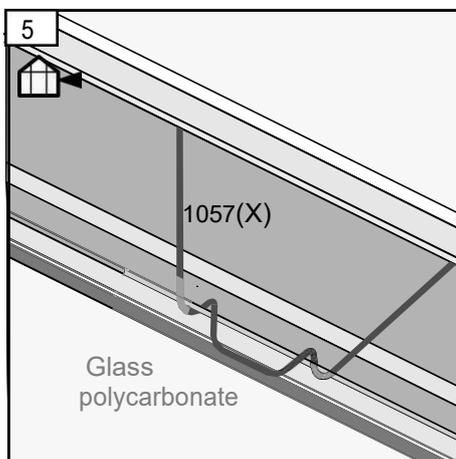
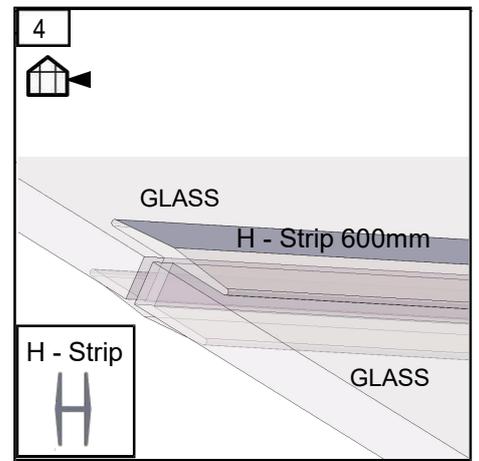
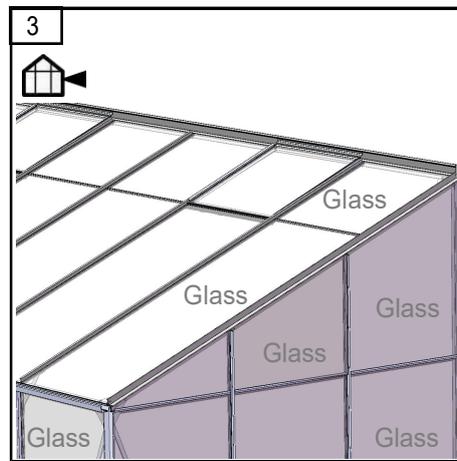
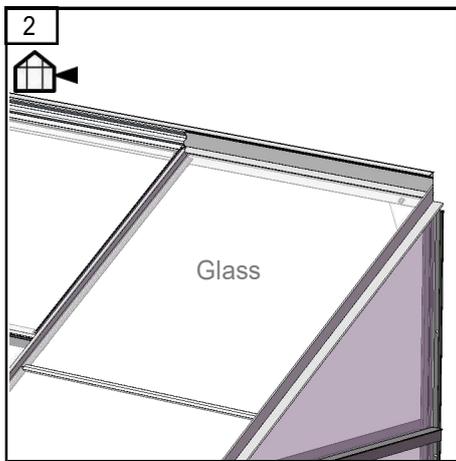
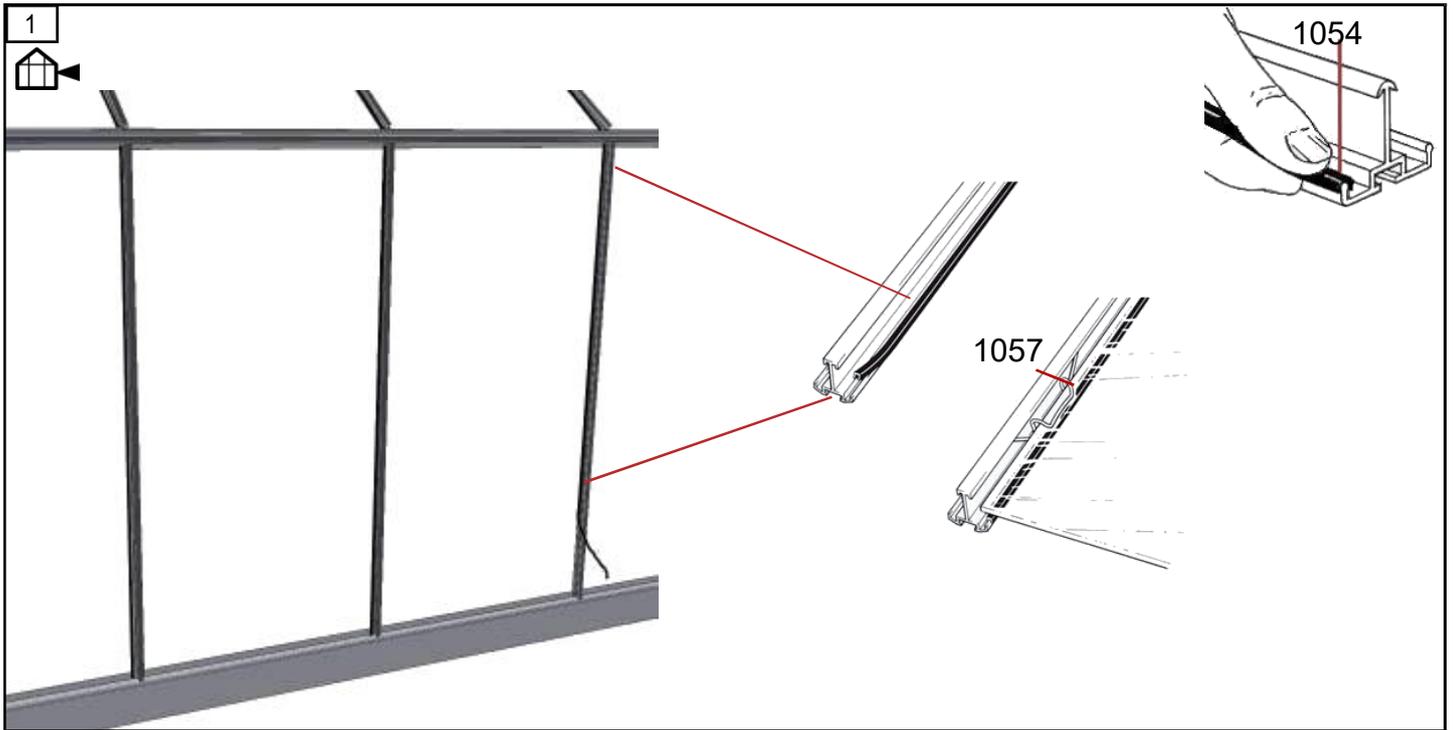
6	#	4.8	7.2			
	1047	2	4			
	1048	1	2			
	1049	1	2			
	1050	1	2			
	1052	2	4			
	1061	1	2			
	M6 x12 M6	6	12			
	3.5x6	6	12			



Windows

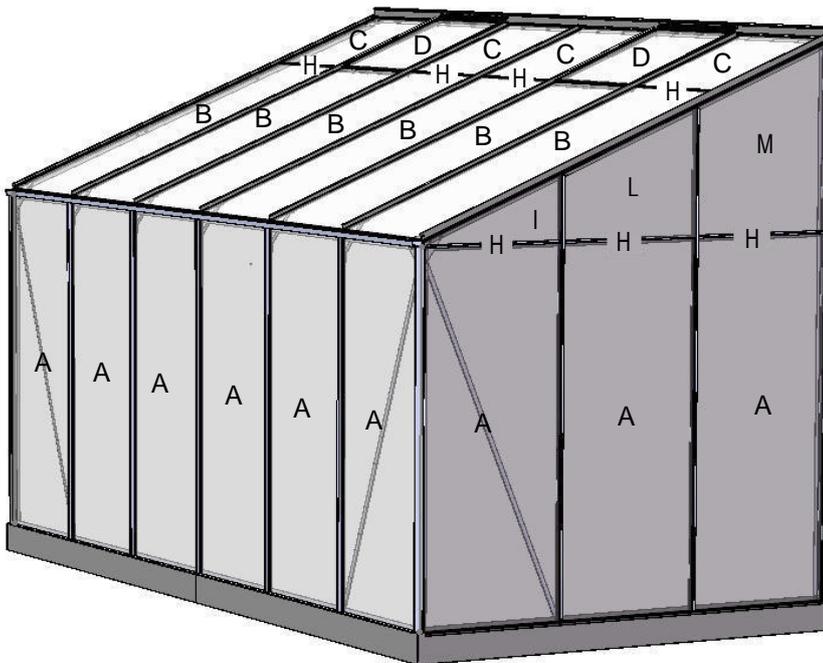
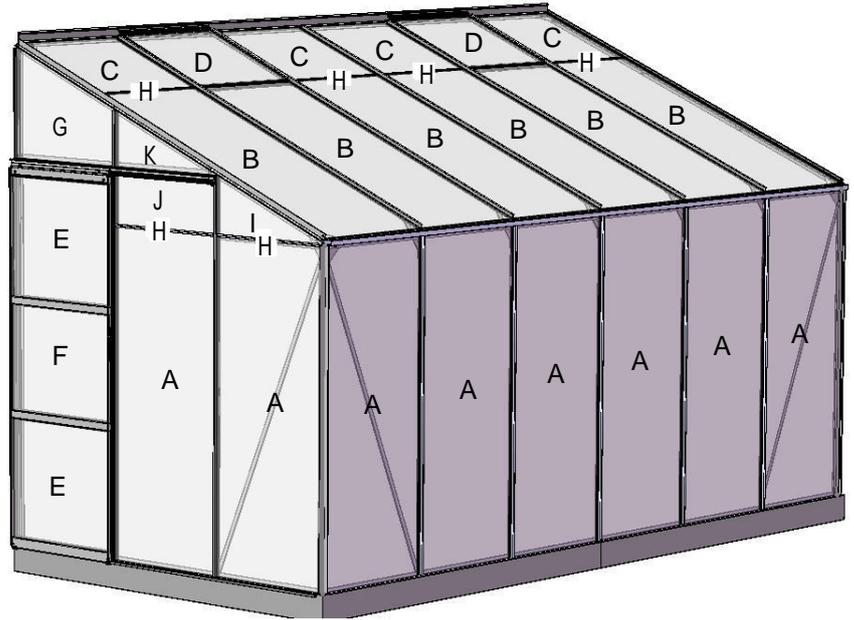


Glass

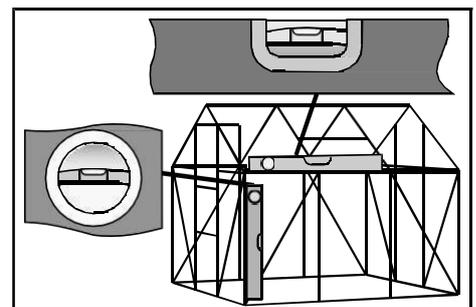


Glass

8	#	mm	4.8	7.2		
	A	615x1507	9	11		
	B	615x1473	4	6		
	C	615x536	3	4		
	D	602x550	1	2		
	E	615x610	2	2		
	F	615x345	1	1		
	G	615x507x259	1	1		
	I	615x269x20	2	2		
	J	615x254	1	1		
	K	615x257x8	1	1		
	L	615x520x271	1	1		
	M	615x772x523	1	1		
	H	H - Strip 600mm	8	9		



8	#	4.8	7.2		
	X	170	210		
	1054	58m	72m		



Polycarbonate

9	#	mm	4.8	7.2			
	A	615x1507	4	6			
	B	615x2014	3	4			
	C	615x1473	1	2			
	D	602x550	1	2			
	E	615x610	2	2			
	F	615x345	1	1			
	G	615x507x259	2	2			
	I	615x1779 x1530	2	2			
	J	615x1768	3	3			
	K	615x257x8	2	2			
	H	H - Strip 600mm	2	2			
	X		170	210			
		1054	58m	72m			

