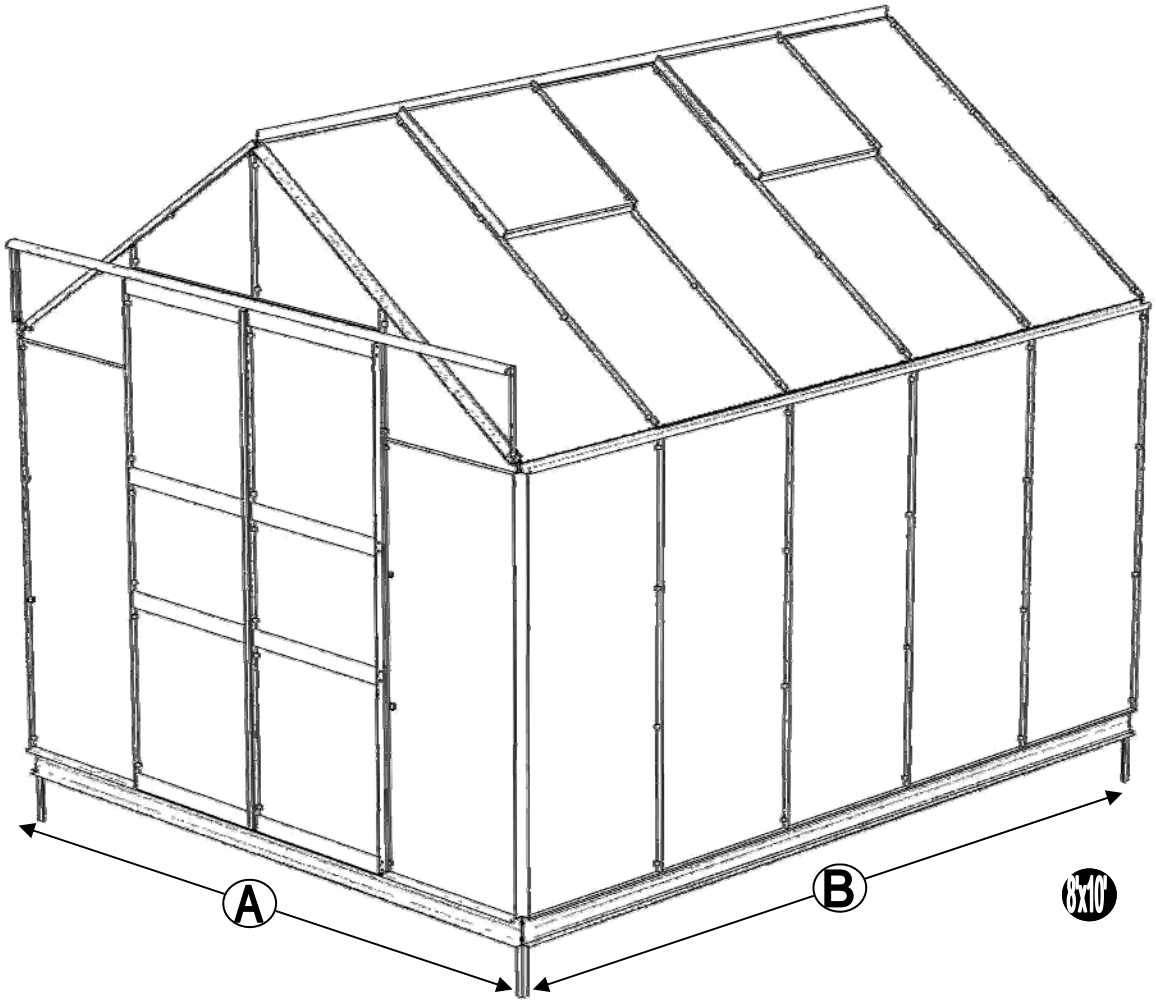
8 HE

SYSTA

8X4, 8X6, 8X8, 8X10, 8X12



	A (mm)	B (mm)
8’4” x 4’3”	2530	1295
8’4” x 6’3”		1910
8’4” x 8’3”		2530
8’4” x 10’3”		3150
8’4” x 12’3”		3770

Issue 4.2

GB Thank you for purchasing your new greenhouse. We recommend you familiarise yourself with the instructions and read all safety information before you commence assembly.

These instructions are divided into sections; **B**-base, **partlists**,**1**-sides, **2**-front gable, **3**-rear, **4**-joining the four sides together, **5**-roof, **6**-vent, **7**-door, **8**-glazing(**8a** toughened glass, **8b** horticultural glass, **8c** polycarbonate glazing when available), **9**-vent attachment, **10**-door attachment, **11** anchoring down, **back cover**-packing list. If you need to contact us for assistance please refer to the relevant section/s.

Safety Warning

- Glass and aluminium can potentially cause injury. Please ensure you wear protective goggles, gloves, headgear and suitable footwear when assembling and glazing the building.
- Please remember that glass is fragile and should be handled with extreme care. Always clear up and dispose of any breakages immediately.
- Do not assemble the greenhouse in high winds.
- For safety reasons and ease of assembly, we recommend that this greenhouse is assembled by a minimum of two people.
- Please clear all lying snow from the greenhouse roof as it can cause the roof to buckle or collapse.

Site Preparation

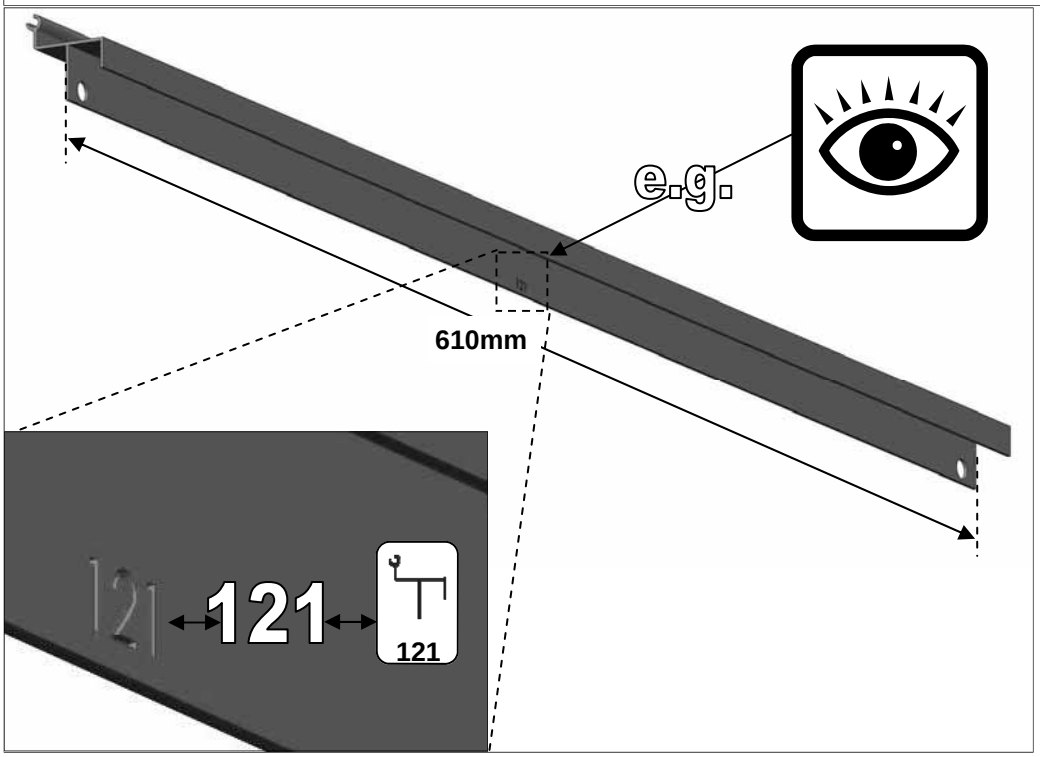
- When selecting a site for your greenhouse, it is vital that you choose as flat and level an area as possible.
- A concrete or slabbed base will provide the most solid foundation for your greenhouse.
- IMPORTANT: Do **not** fix your building down until the building is fully assembled, including glazing.
- Avoid placing your greenhouse under trees or in other vulnerable locations.
- To minimise the risk of wind damage, try to select as sheltered a site as possible, e.g. beside a hedgerow or garden fence.

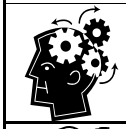
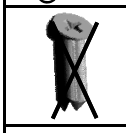
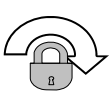
Additional Considerations

- Please bear in mind that assembling your greenhouse can be time consuming. You may need to spread the construction over two or more days. We recommend that you avoid leaving the building partially glazed. If you ever have to leave your greenhouse half assembled and not anchored down, weigh it down with slabs or bags of sand to stop the wind moving it.
- You will find it helpful to prepare a large, clean and clear area in which to work in. A garage floor or flat lawn area is ideal.
- If you have arranged for someone to install your greenhouse for you, please check that all components are included. Most parts are numbered and can be identified by a stamp or removable label. Alternatively, the components can be identified by lengths detailed in the packing list (see diagram below).
- Anchoring down your greenhouse should be the final stage of construction (including glazing).
- Once installed your greenhouse requires little maintenance, but to maintain the smooth running of your door(s) WD40 or similar can be applied to the door wheels and lower door guides.

Guarantee

- Your new greenhouse is guaranteed for 10 years against faulty manufacture of the framework. This does not include glazing, moving parts, accidental damage or wind damage.



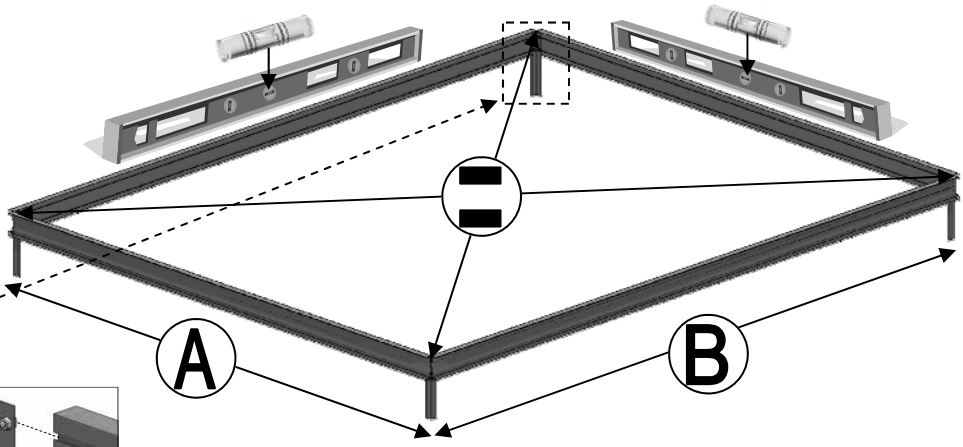
KEY SYMBOL	KEY DESCRIPTION
	**LOOK**
	**THINK / CHOOSE?**
	**THIS SECTION RELATES TO ANOTHER** (e.g. 1 to 5)
	**CORRECT**
	**DO NOT FIX DOWN!**
	**TWIST TO LOCK**
	**TIGHTEN**
	**DO NOT WET!**



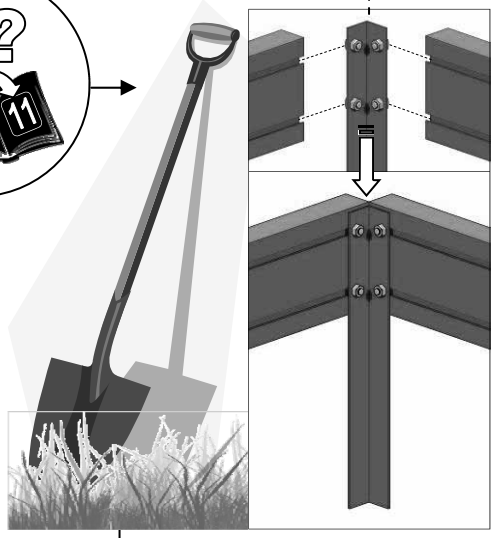




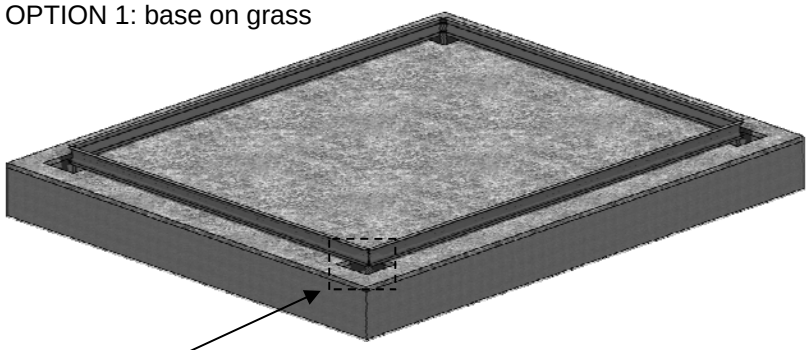
	A (mm)	B (mm)
8’4” x 4’3”	2530	1295
8’4” x 6’3”		1910
8’4” x 8’3”		2530
8’4” x 10’3”		3150
8’4” x 12’3”		3770



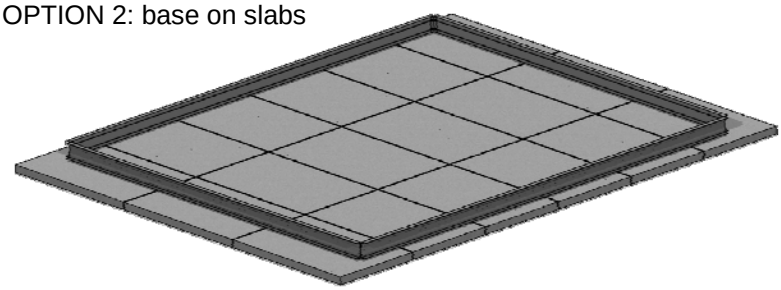


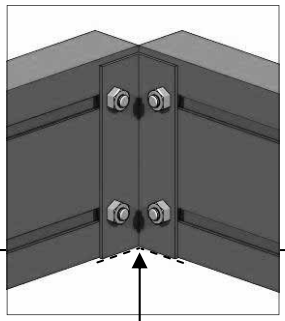


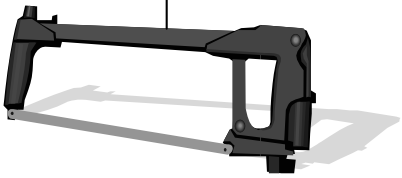
OPTION 1: base on grass



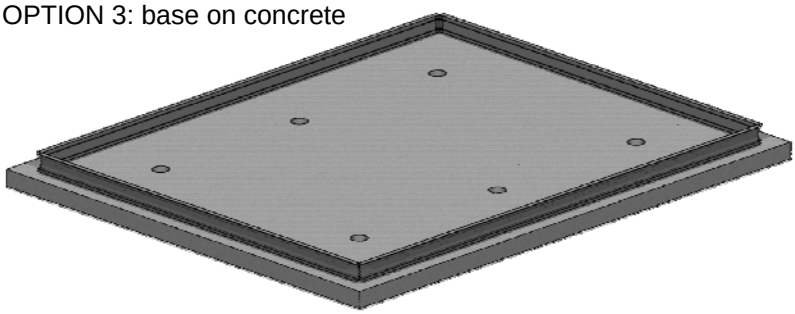
OPTION 2: base on slabs



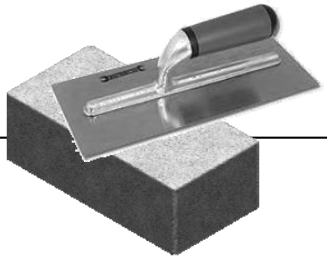


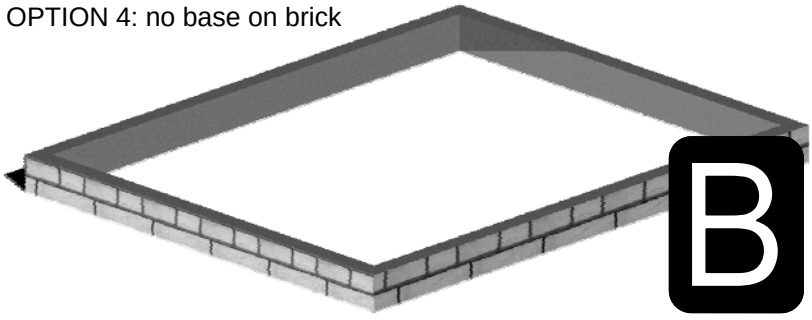


OPTION 3: base on concrete



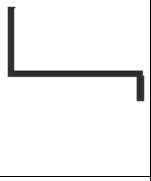
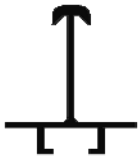
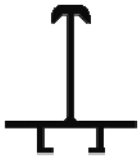
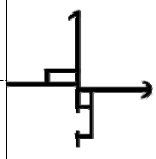
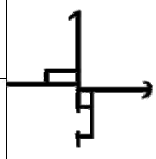
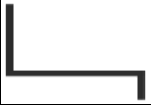
OPTION 4: no base on brick

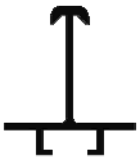
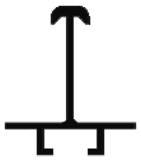
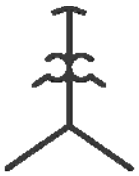
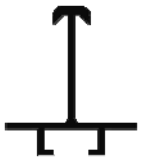
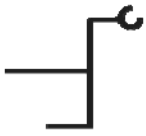
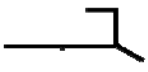


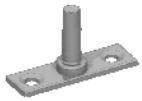
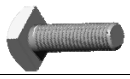
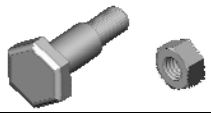
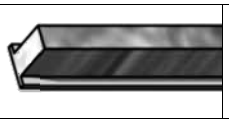
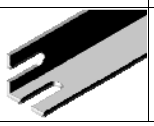


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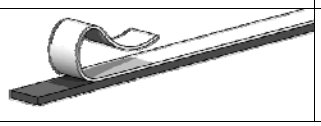
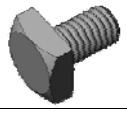
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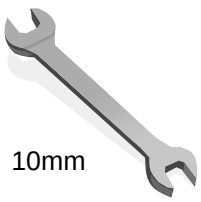
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	5		3100				2	
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	25		1860		2			
	55		1240	2				
	3		3720					2
	8		3100				2	
	14		2480			2		
	27		1860		2			
	58		1240	2				
	21		1585	2	4			
	47		1504	2	4	6	8	10
2 + 3	18		2476	1				
	20		1945	2				
	22			2				
	67		1579	2				
	74		1479	2				
	75			2				
	76		1504	2				
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	84		614	2				
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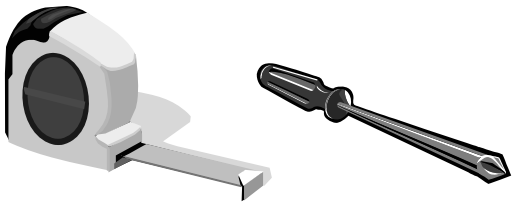
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	169		2456	2				
	161		435	1				
	201			2				
	200			4				
5	2		3720					1
	6		3100				1	
	12		2480			1		
	26		1860		1			
	57		1240	1				
	50		1490	2	4	6	8	10
	68		1561	2	4			
	85 / 93		628 / 636	1	1	2	3	4
	600		608	-	-	1	2	3
	601		460	-	-	2	4	6
6	121		612	1	1	2	3	4
	123		612	1	1	2	3	4
	124		610	2	2	4	6	8

Page Ref	Part No.	Section	Size (mm)	8 4	8 6	8 8	8 10	8 12
6				1	1	2	3	4
				2	2	4	6	8
			M4	6	6	12	18	24
			M6	2	2	4	6	8
7	130		619	8				
	163 a		1901	1				
	163		1901	3				
	95		614	2				
	137		883	4				
				4				
				4				
				4				
			4000	1				
4+ 10	10		2530	1				
	164		479	2				
				2				

8 HE

Page Ref	Part No.	Section	Size (mm)	8 4	8 6	8 8	8 10	8 12
8				172	204	236	268	300
				78	108	126	146	166
				4 roll	5 roll	7 roll	8 roll	9 roll
			**M6**	147	155	169	183	197
			**M6**	147	155	169	183	197
			**M6 CROP**	1				





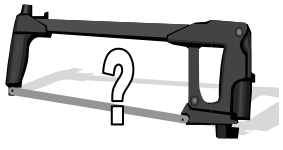




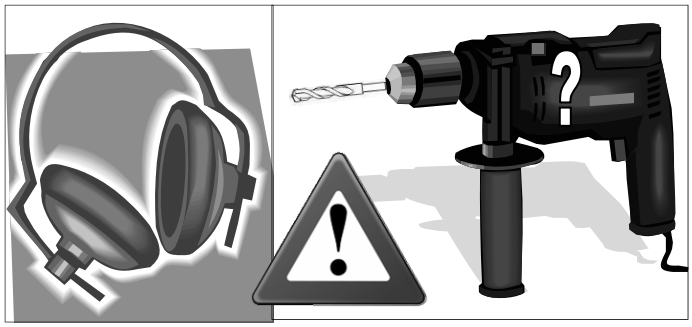


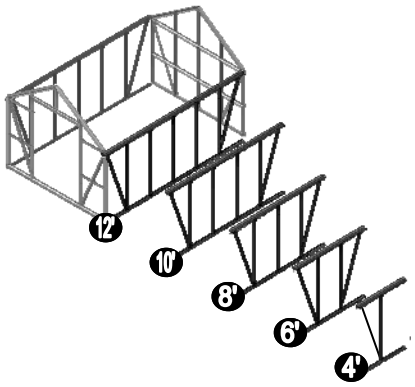


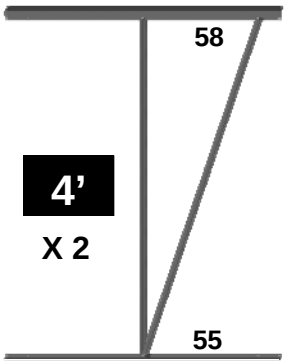






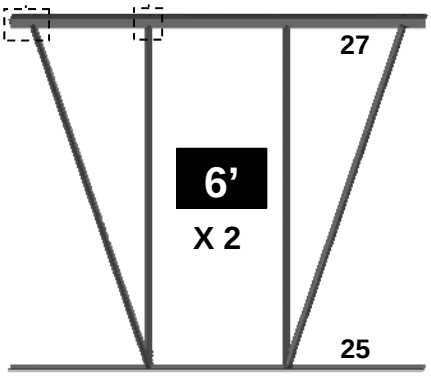






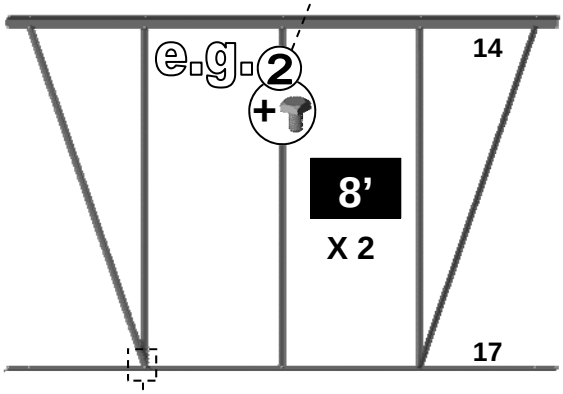
Part No	mm	Quantity
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47	1504	2
55	1245	2
21	1585	2
M6		6
M6		6

e.g.1



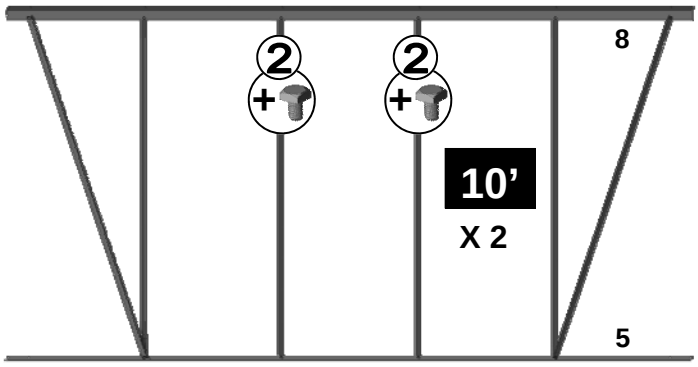
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25	1860	2
21	1585	4
M6		12
M6		12

e.g.2

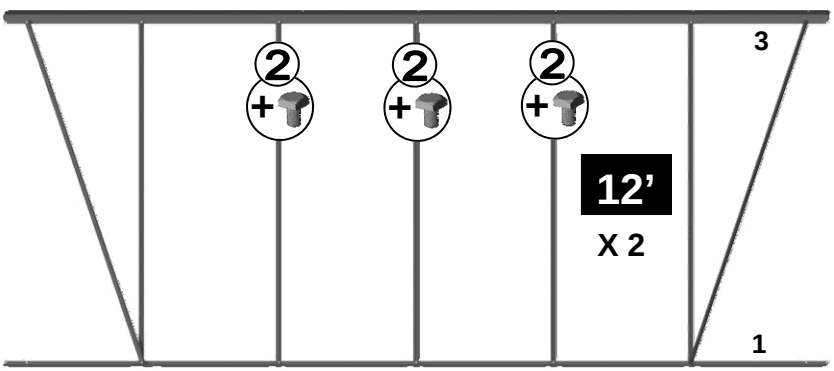


Part No	mm	Quantity
14	2480	2
47	1504	6
17	2480	2
21	1585	4
M6		18
M6		16

e.g.3



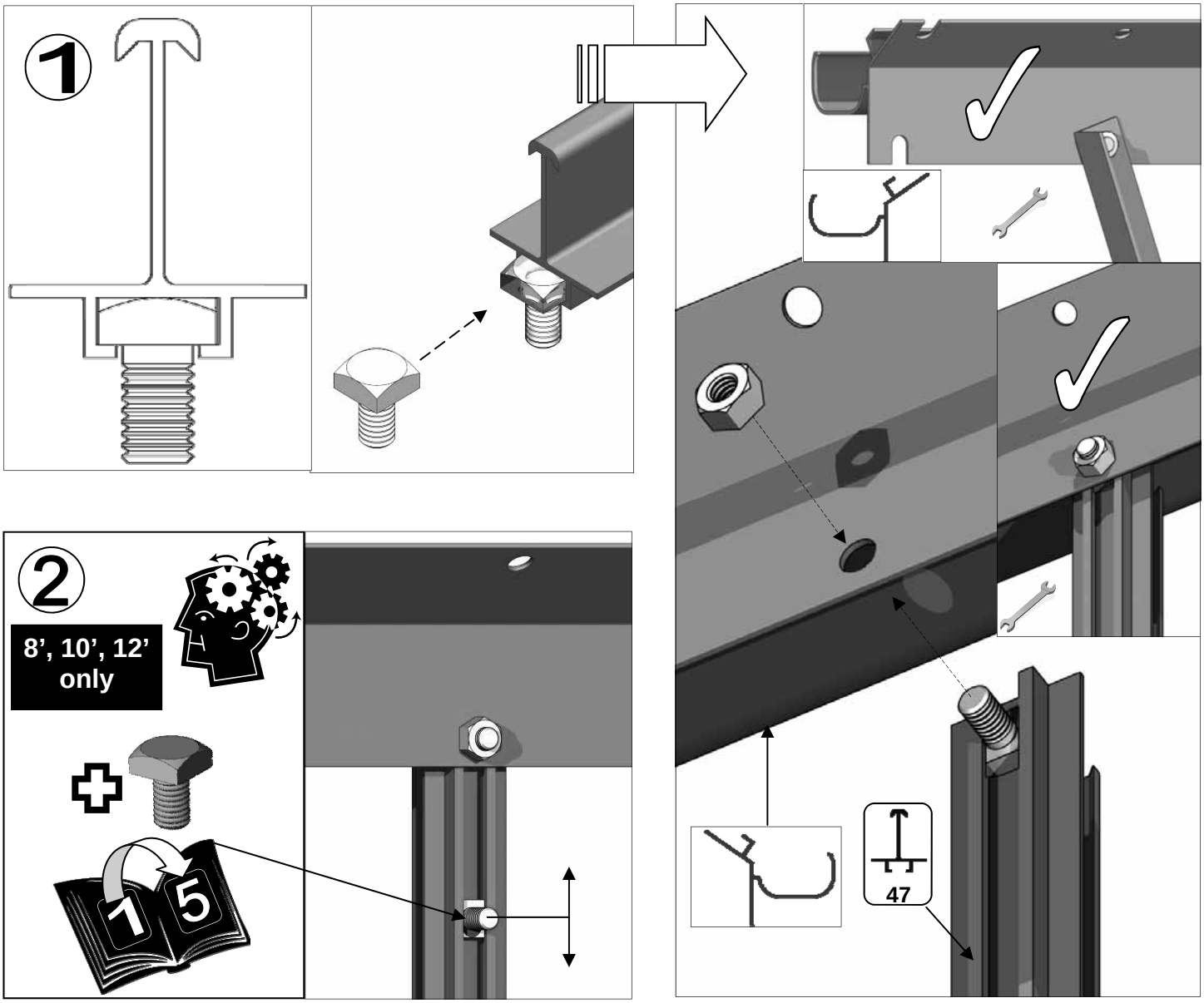
Part No	mm	Quantity
8	3100	2
47	1504	8
5	3100	2
21	1585	4
M6		24
M6		20

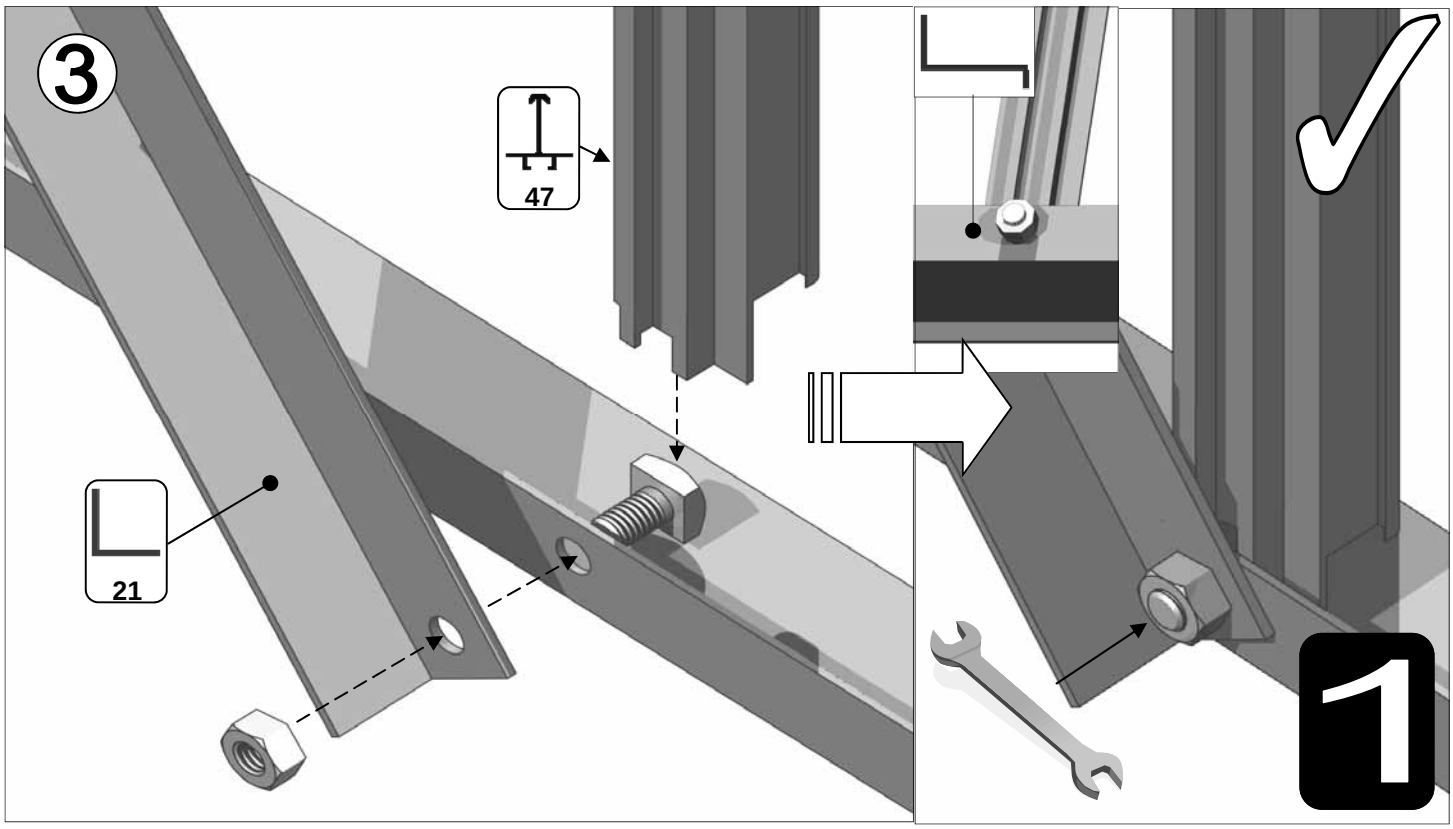


Part No	mm	Quantity
3	3720	2
47	1504	10
1	3720	2
21	1585	4
M6		30
M6		24

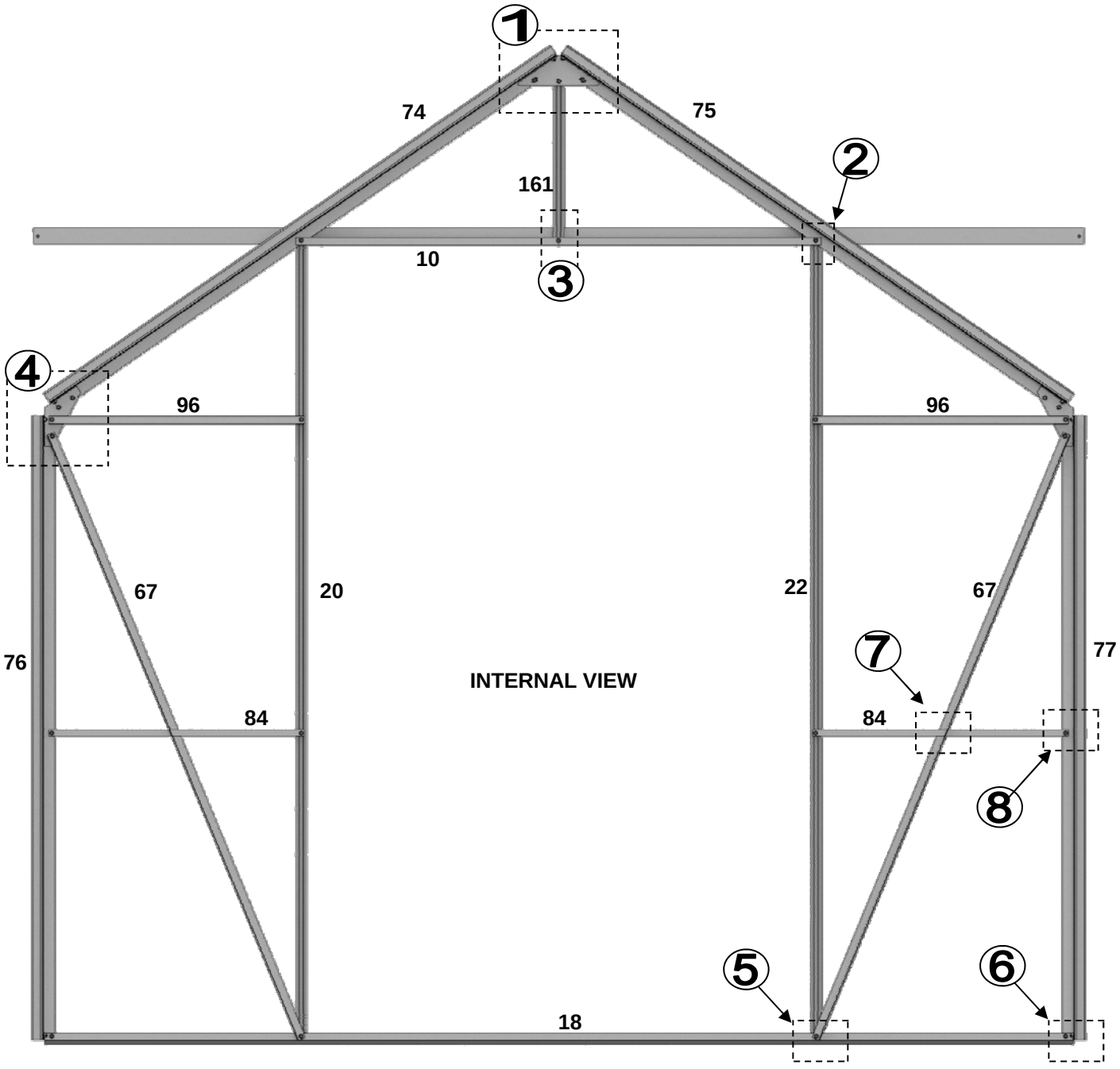
ALL VIEWS INTERNAL

1


1
2
8', 10', 12'
only
15
47

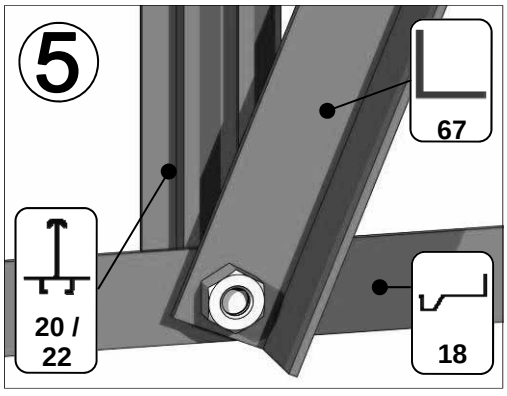

3
47
21
1

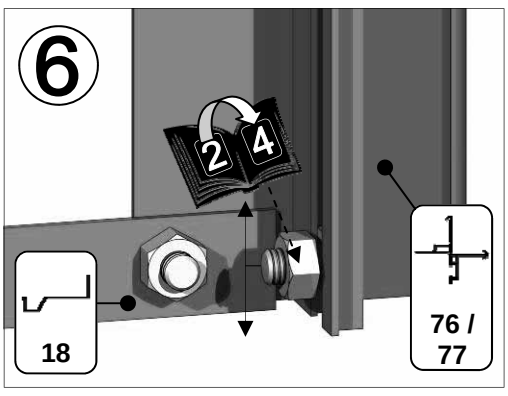
2	Part No	SY010	SY018	SY020 / SY022	SY067	SY074 / SY075	SY076 / SY077	SY084	SY096	SY161	SY200	SY201	SYBOL M6X11	SYNUT M6
	Detail													
	Length 'mm'	2530	2476	1945	1579	1479	1504	614	614	435	N/A	N/A	10	N/A
	Quantity	1	1	1 + 1	2	1 + 1	1 + 1	2	2	1	2	1	32	32

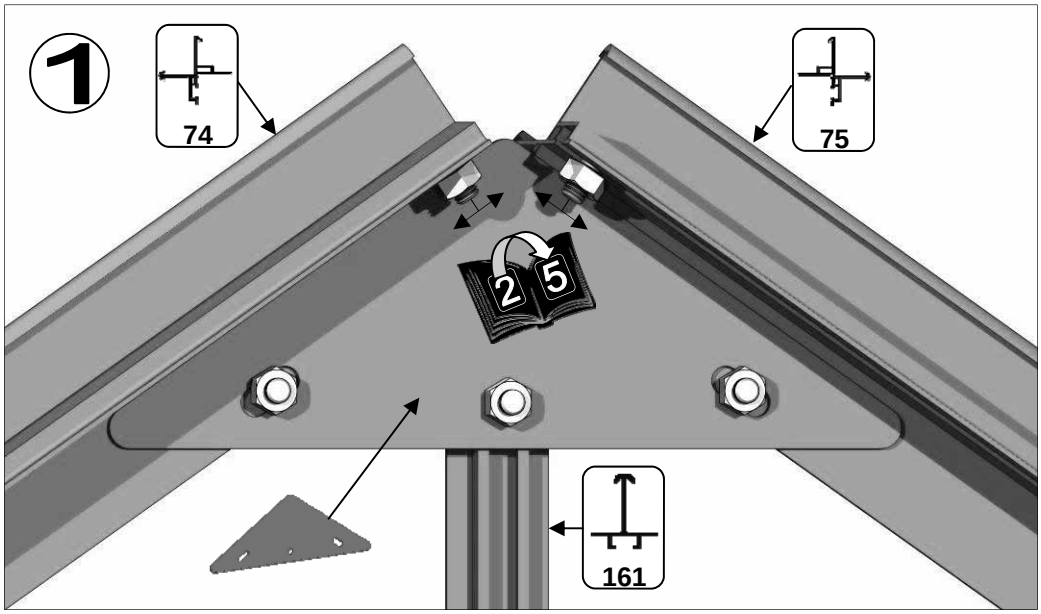


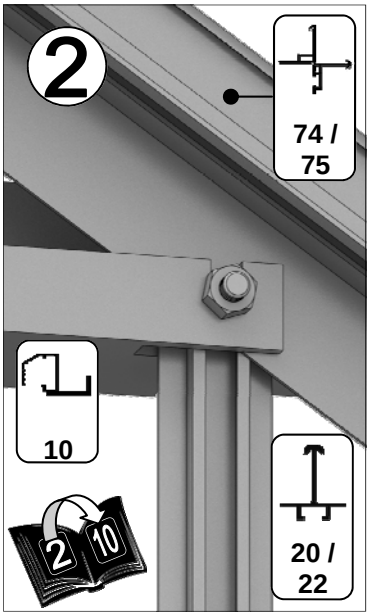
ALL VIEWS INTERNAL

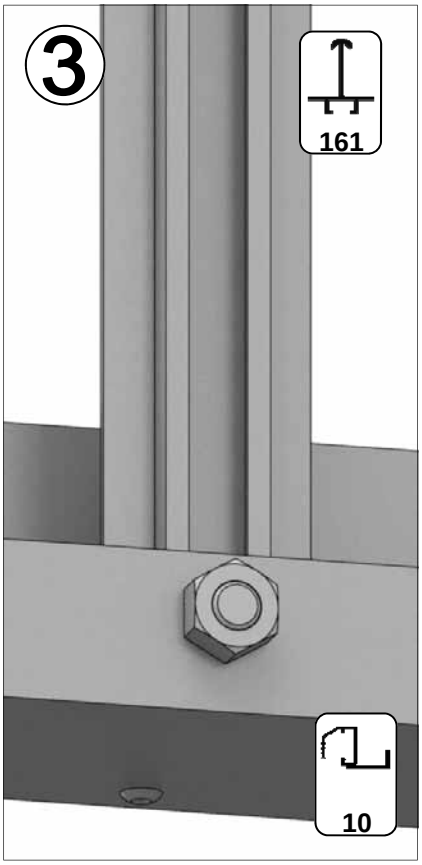
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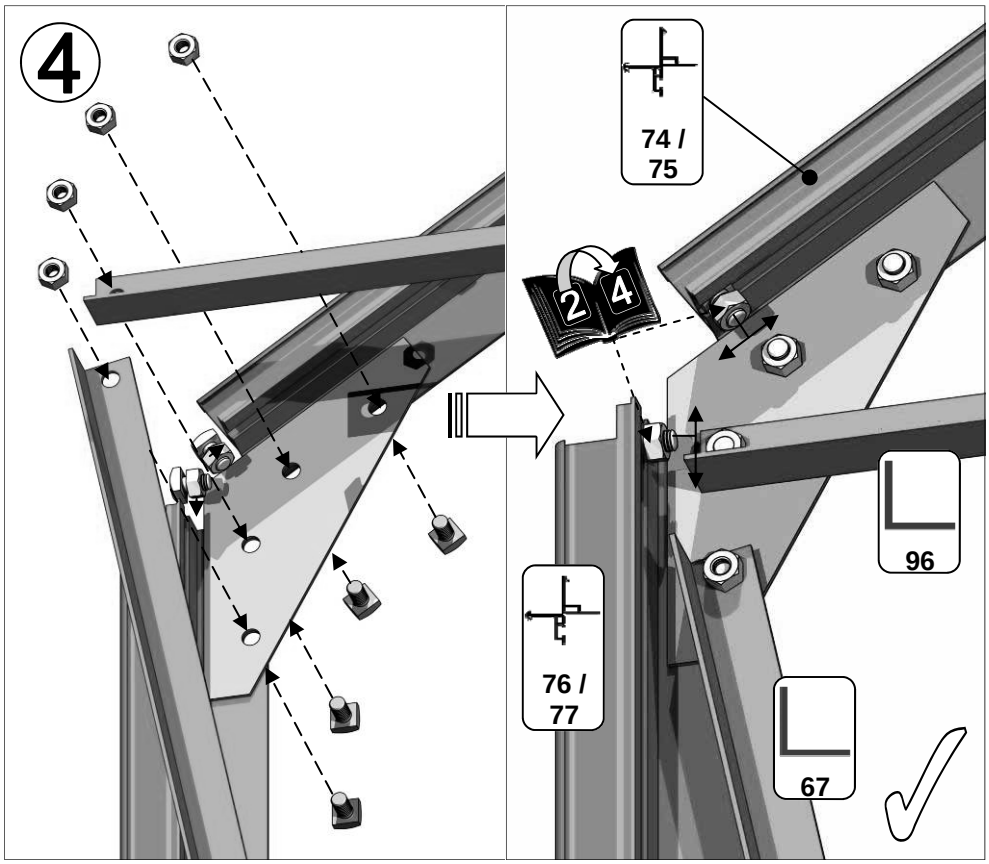


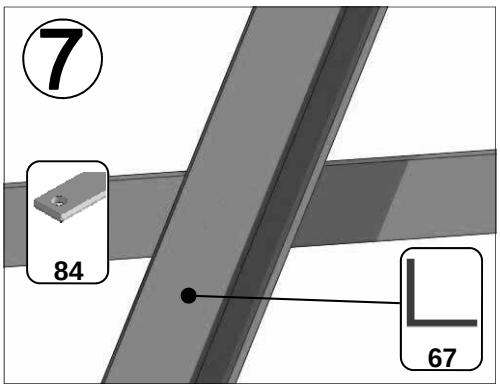


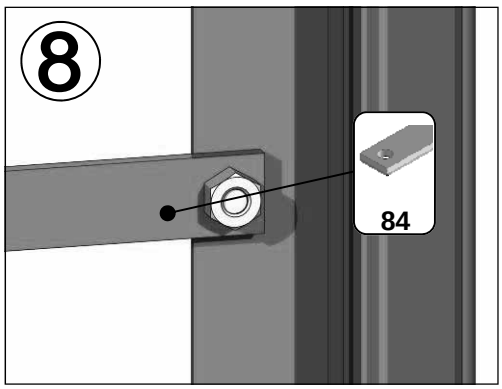








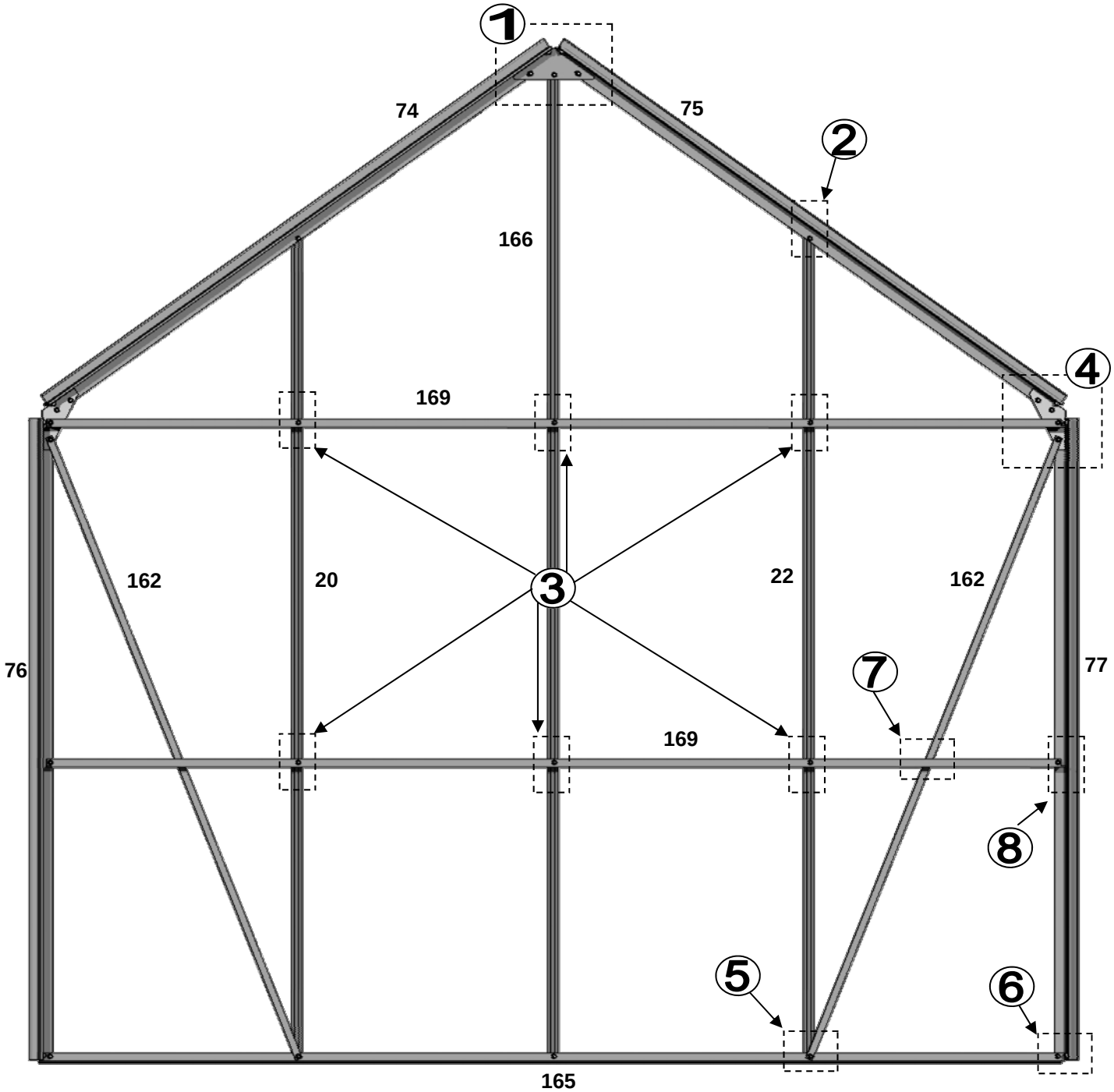




ALL VIEWS INTERNAL

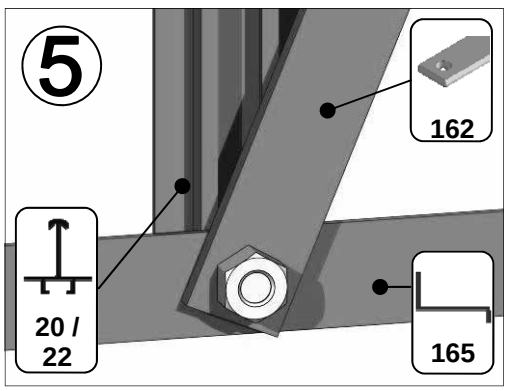
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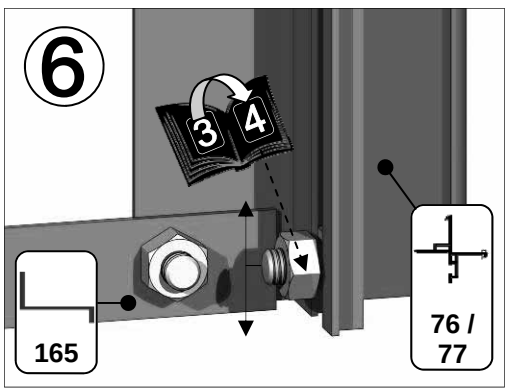
3	Part No	SY020 / SY022	SY074 / SY075	SY076 / SY077	SY162	SY165	SY166	SY169	SY200	SY201	SYBOL M6X11	SYNUT M6
	Detail											
	Length 'mm'	1945	1479	1504	1579	2476	2350	2456	N/A	N/A	10	N/A
	Quantity	1 + 1	1 + 1	1 + 1	2	1	1	2	2	1	34	34

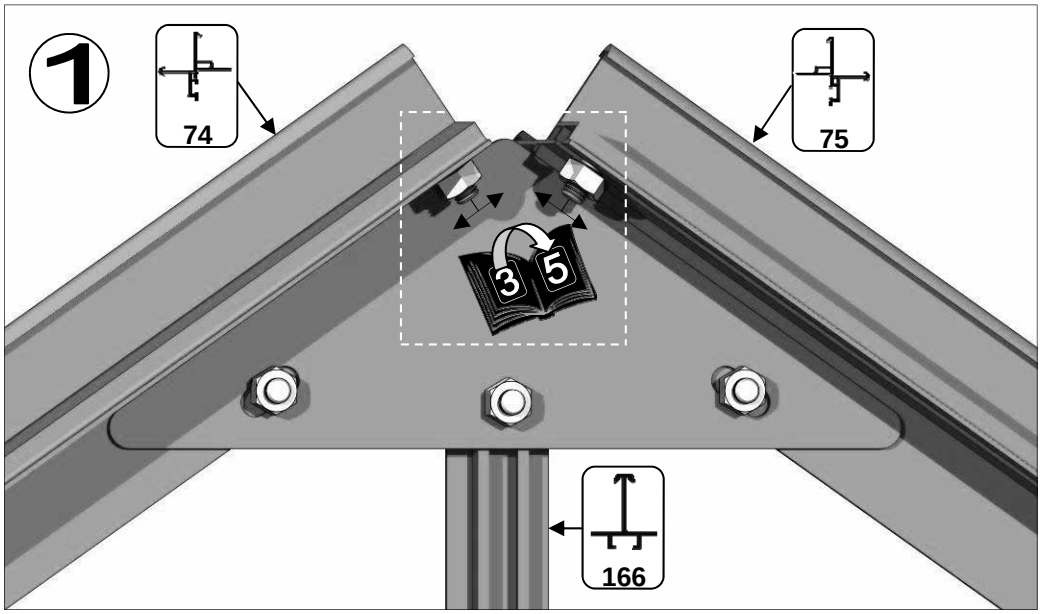


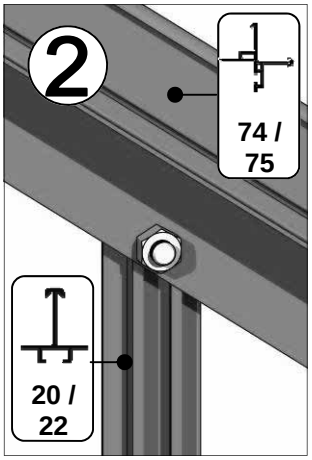
ALL VIEWS INTERNAL

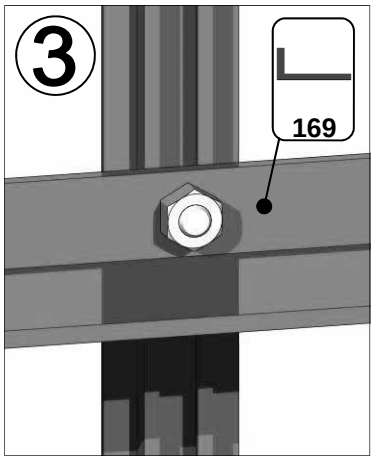
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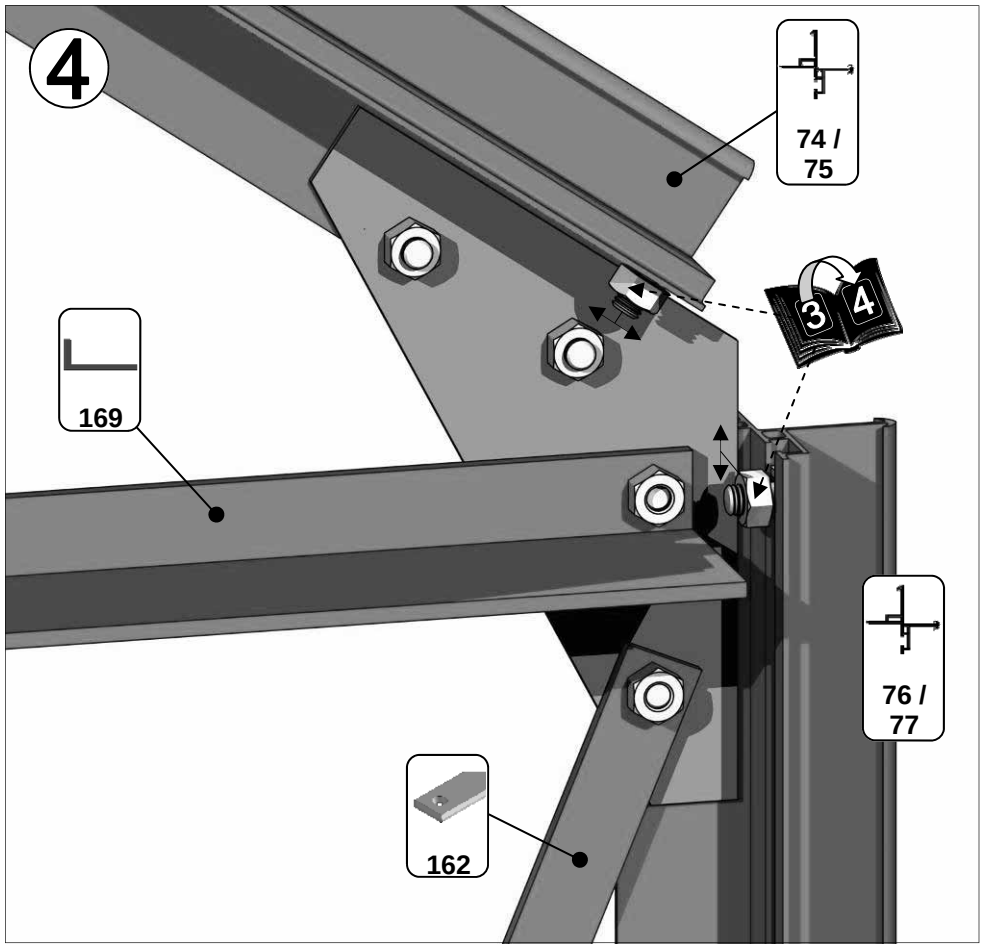


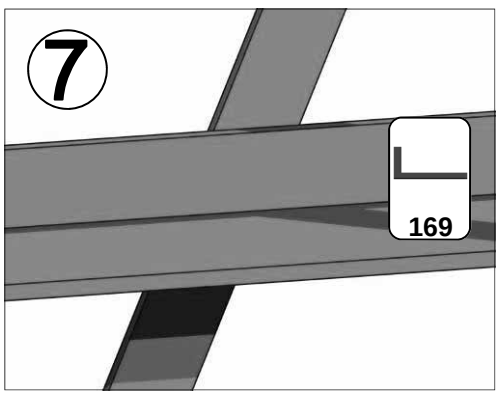


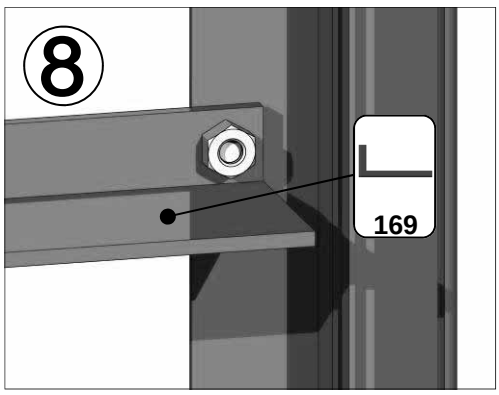






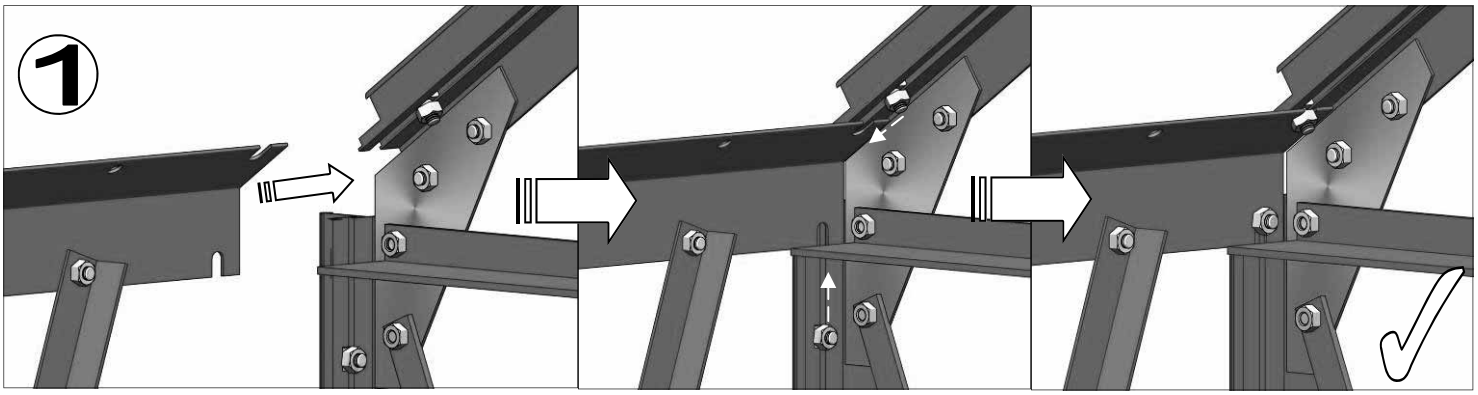


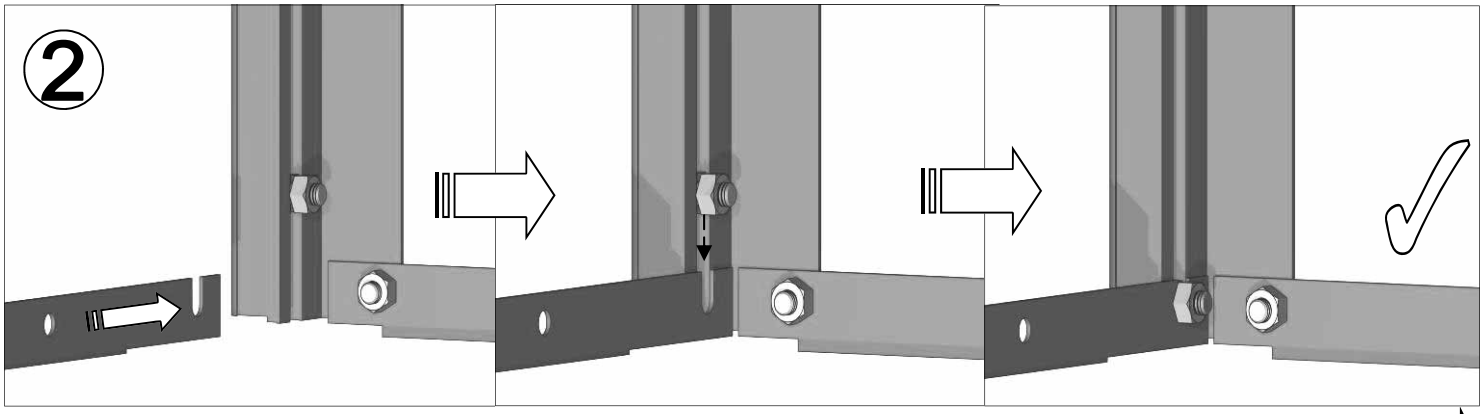


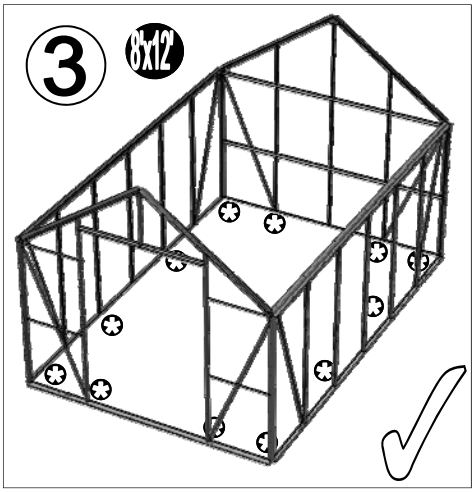


ALL VIEWS INTERNAL

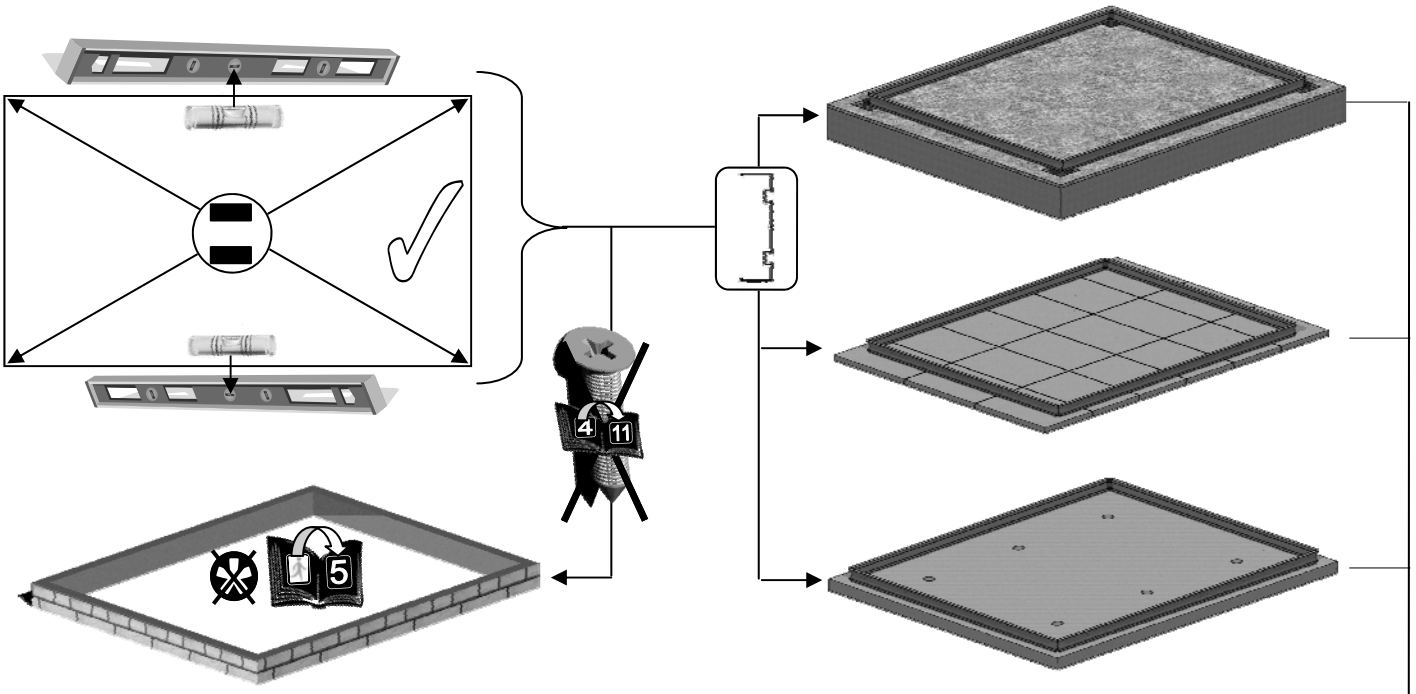
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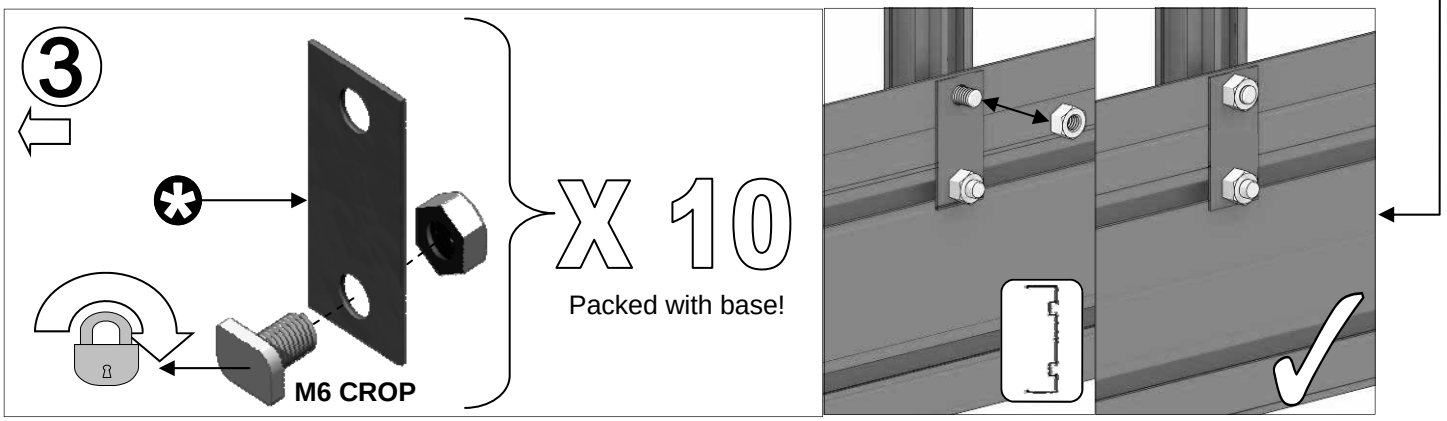


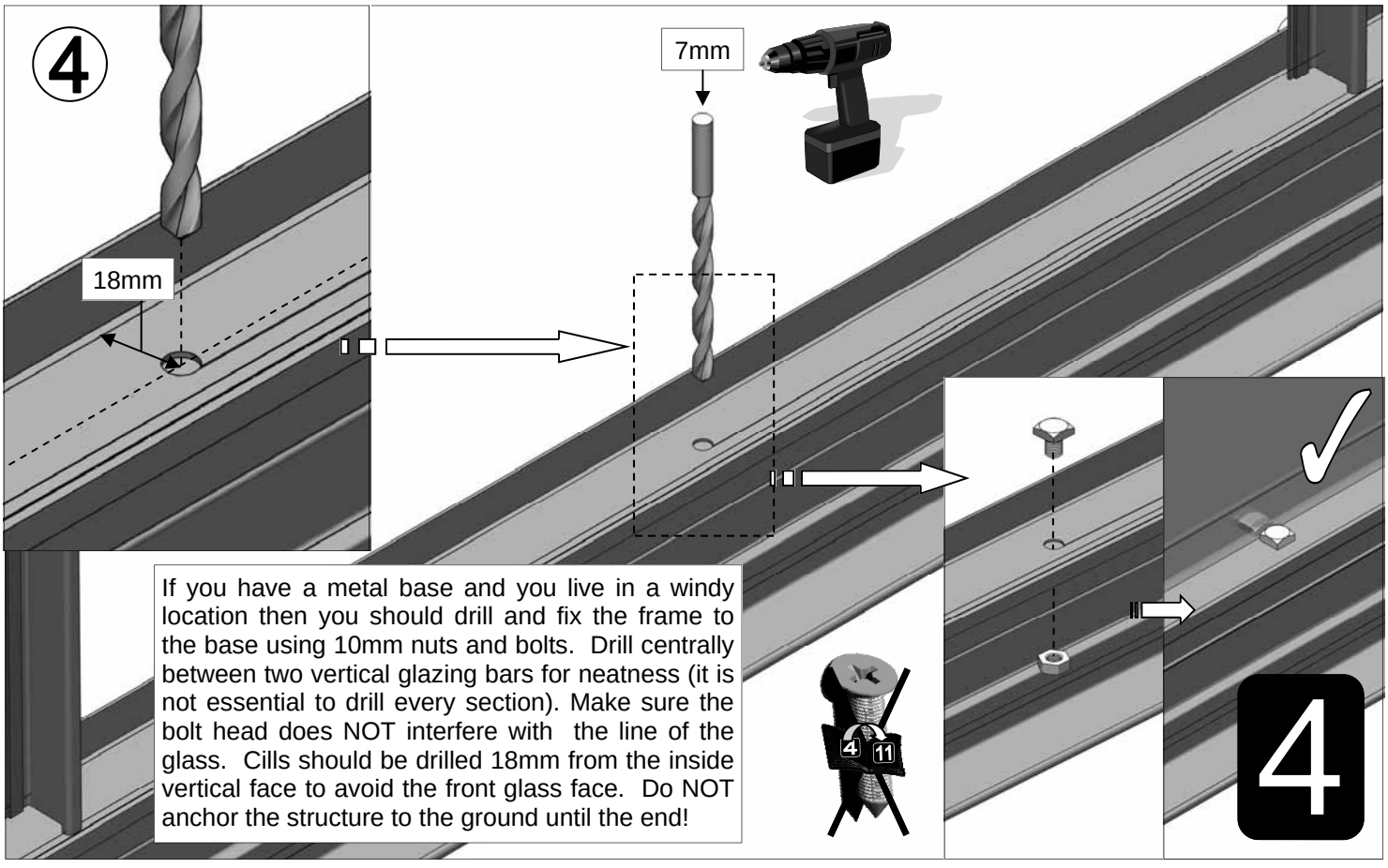




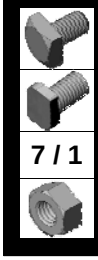
4


4
11
5


3
X 10
Packed with base!
M6 CROP


4
7mm
18mm
If you have a metal base and you live in a windy location then you should drill and fix the frame to the base using 10mm nuts and bolts. Drill centrally between two vertical glazing bars for neatness (it is not essential to drill every section). Make sure the bolt head does NOT interfere with the line of the glass. Cills should be drilled 18mm from the inside vertical face to avoid the front glass face. Do NOT anchor the structure to the ground until the end!
4
11
4

4’



Part No	mm	Quantity
57	1240	1
50	1490	2
68	1561	2
85	628	1

6’

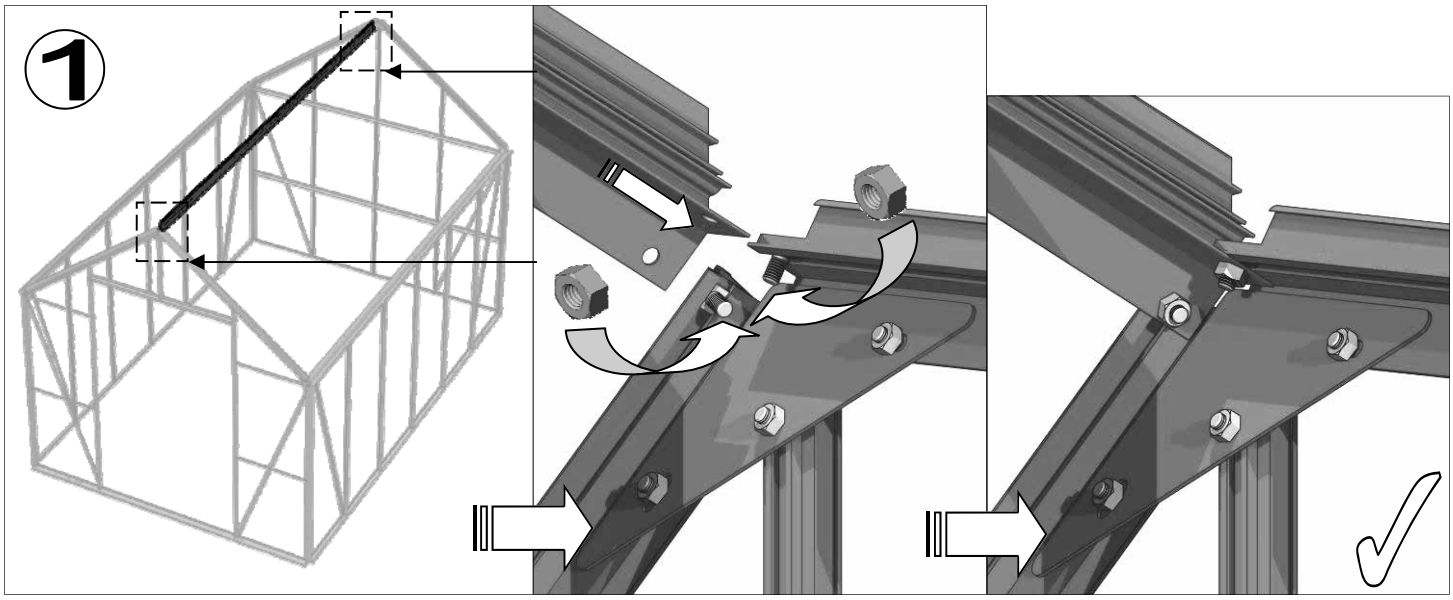


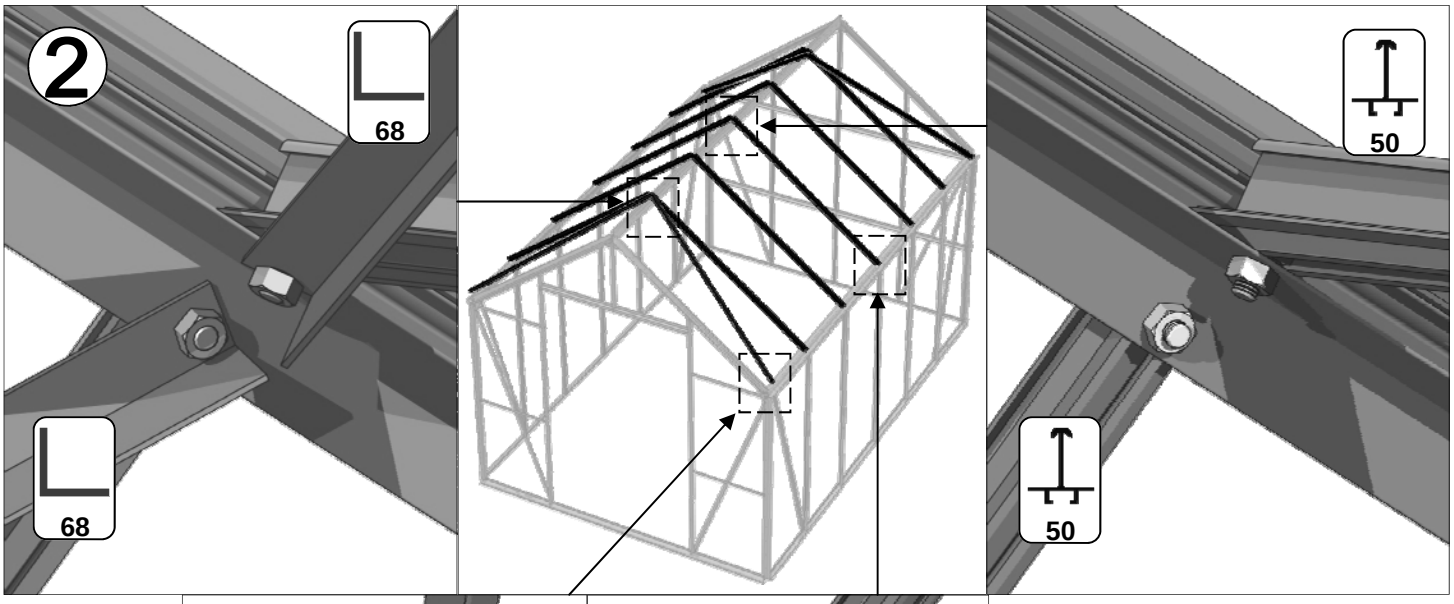
Part No	mm	Quantity
26	1860	1
50	1490	4
68	1561	4
93	636	1

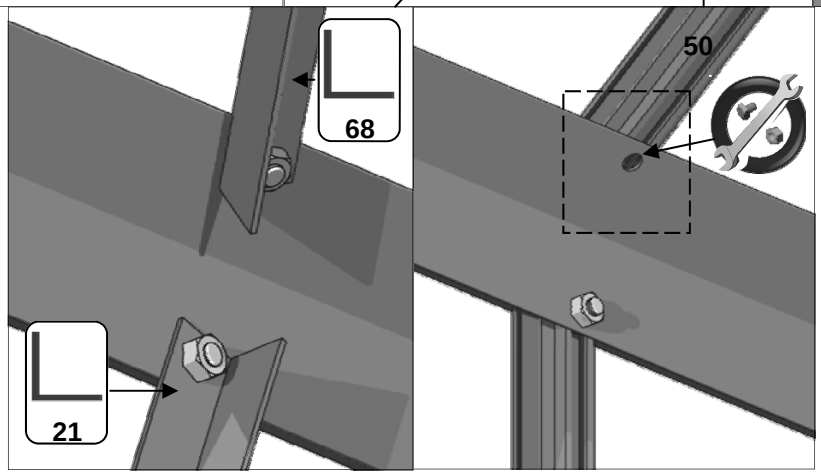
8’

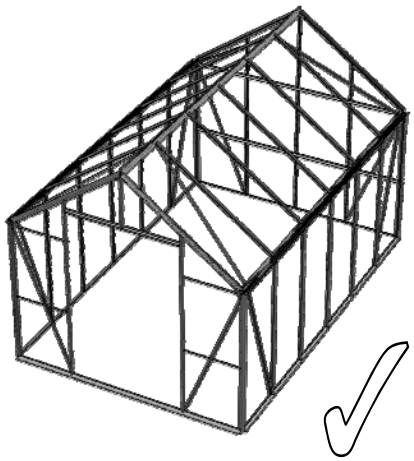


Part No	mm	Quantity
12	2480	1
50	1490	6
68	1561	4
93	636	2
600	608	1
601	460	2



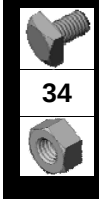






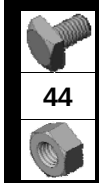
5

10’

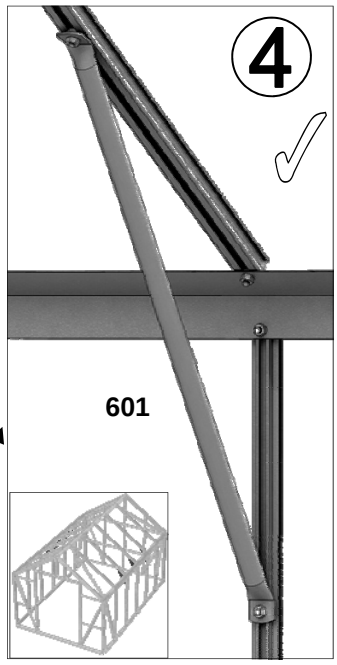


Part No	mm	Quantity
6	3100	1
50	1490	8
68	1561	4
93	636	3
600	608	2
601	460	4

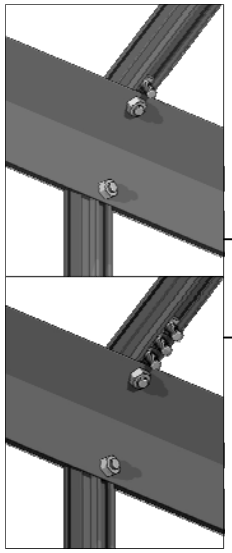
12’

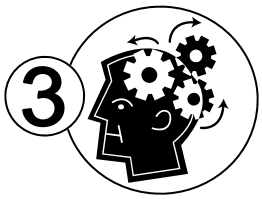


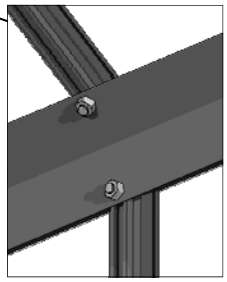
Part No	mm	Quantity
2	3720	1
50	1490	10
68	1561	4
93	636	4
600	608	3
601	460	6

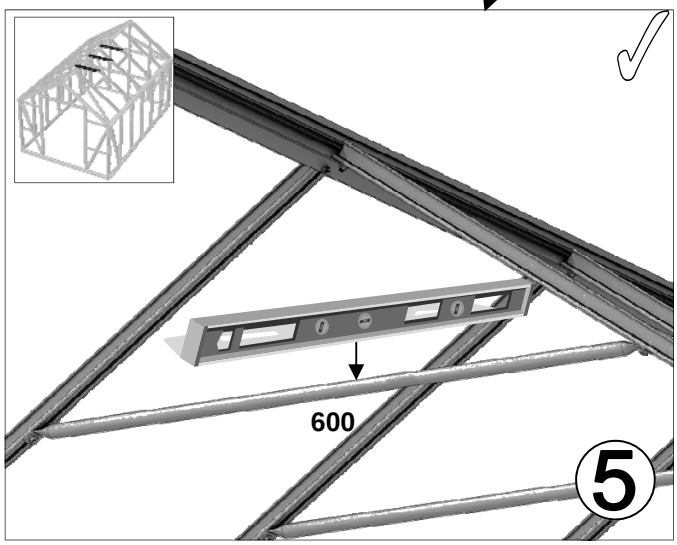


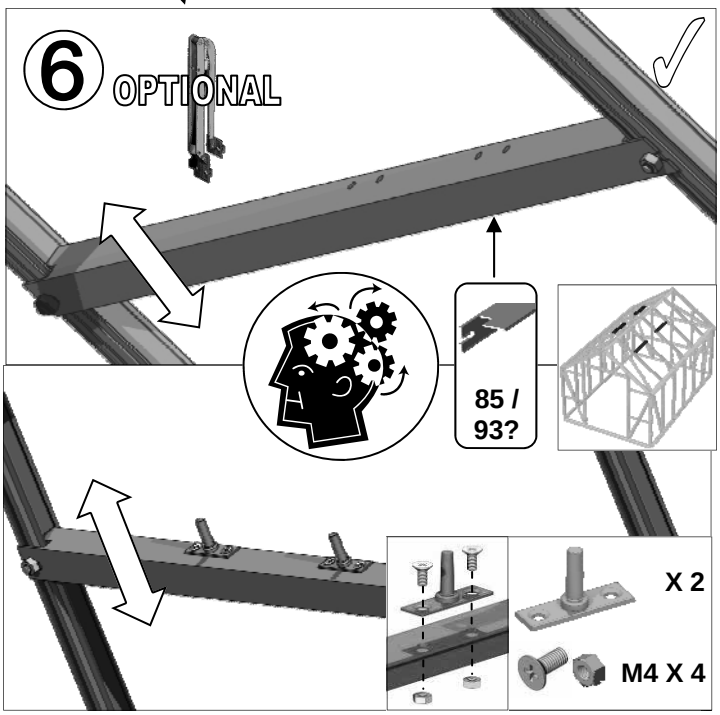
e.g.

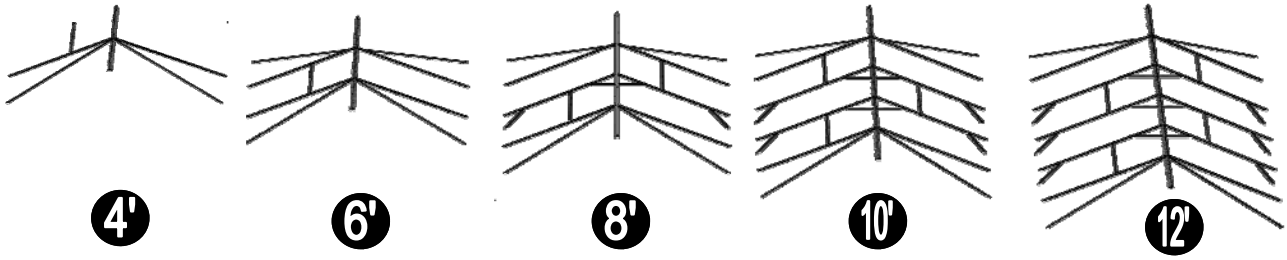




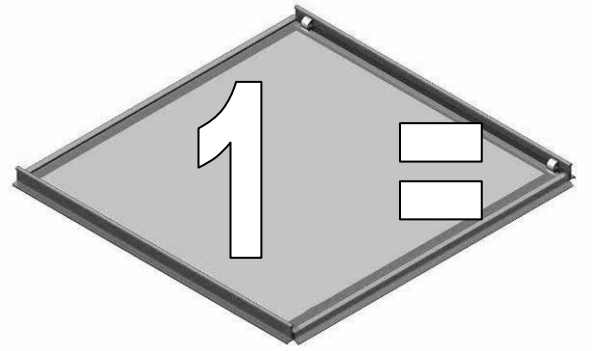




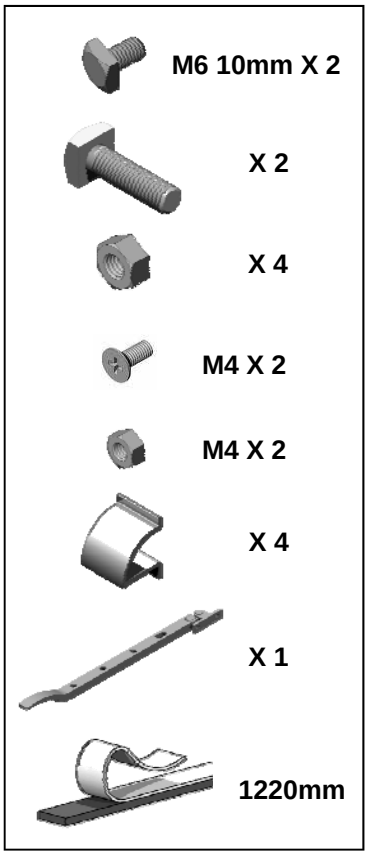


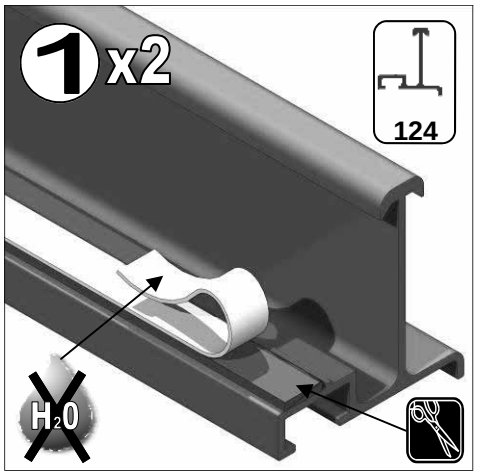


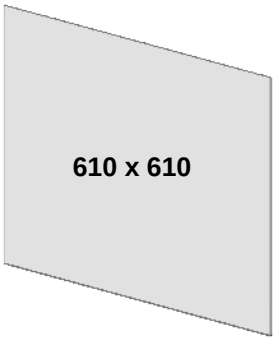
5



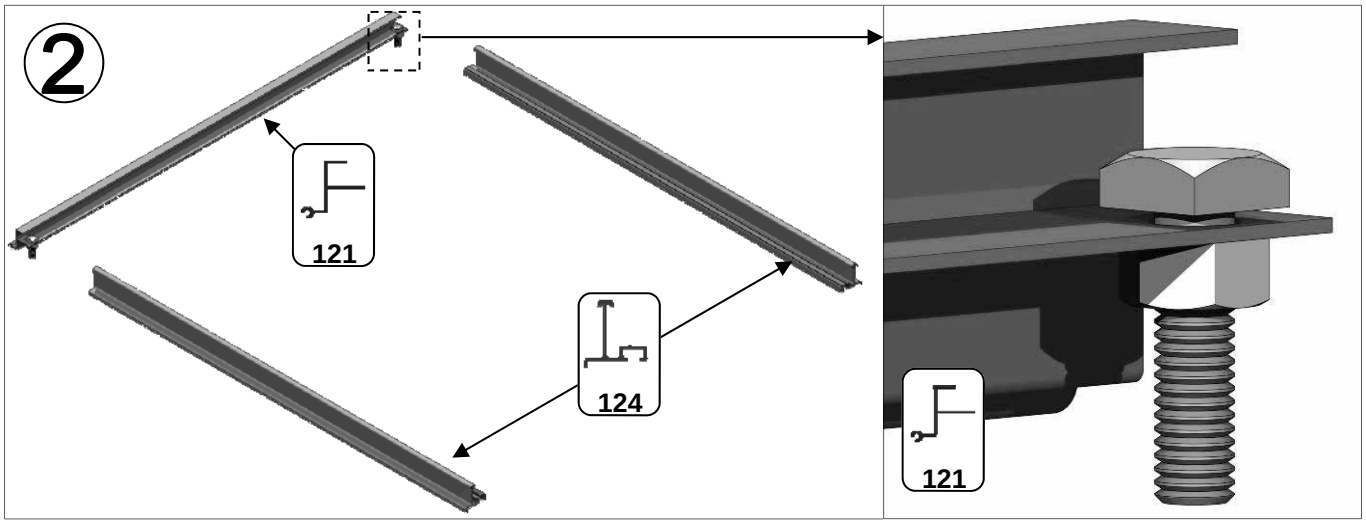
Part No	mm	Quantity
121	612	1
123	612	1
124	610	2

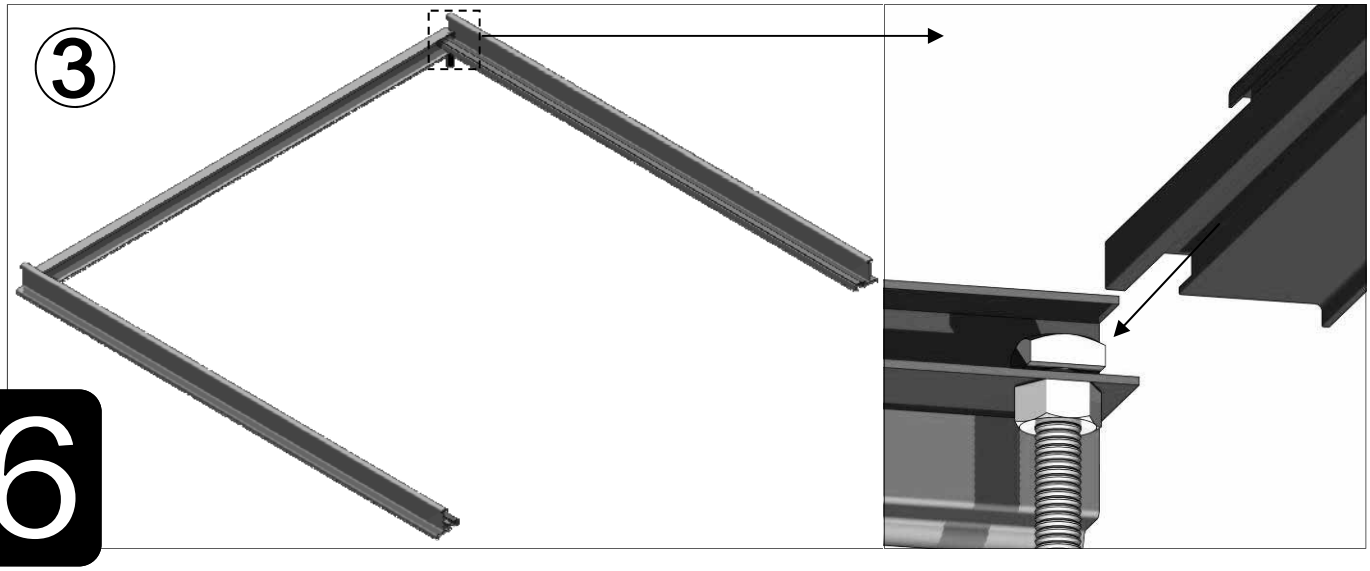




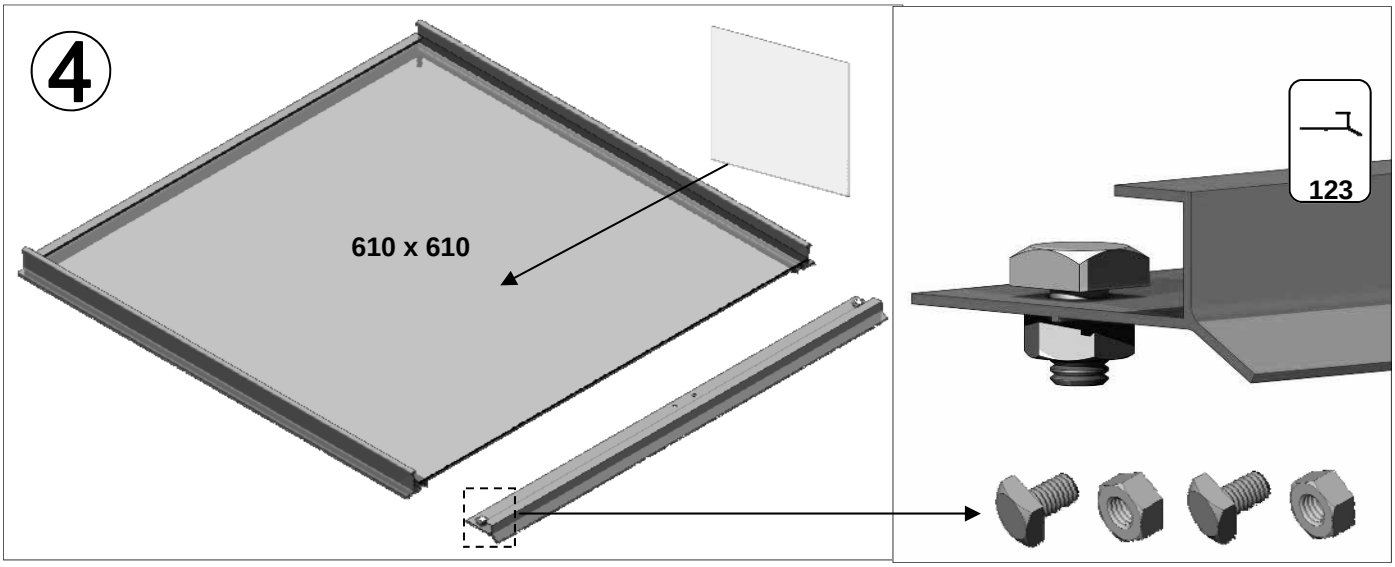


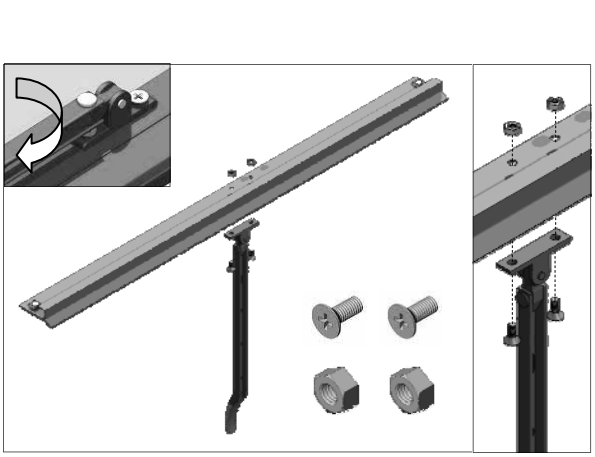




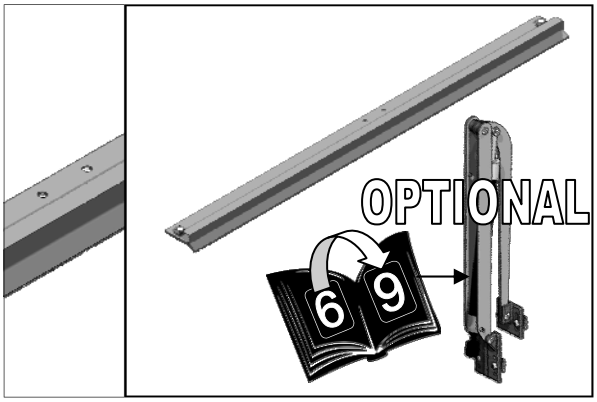


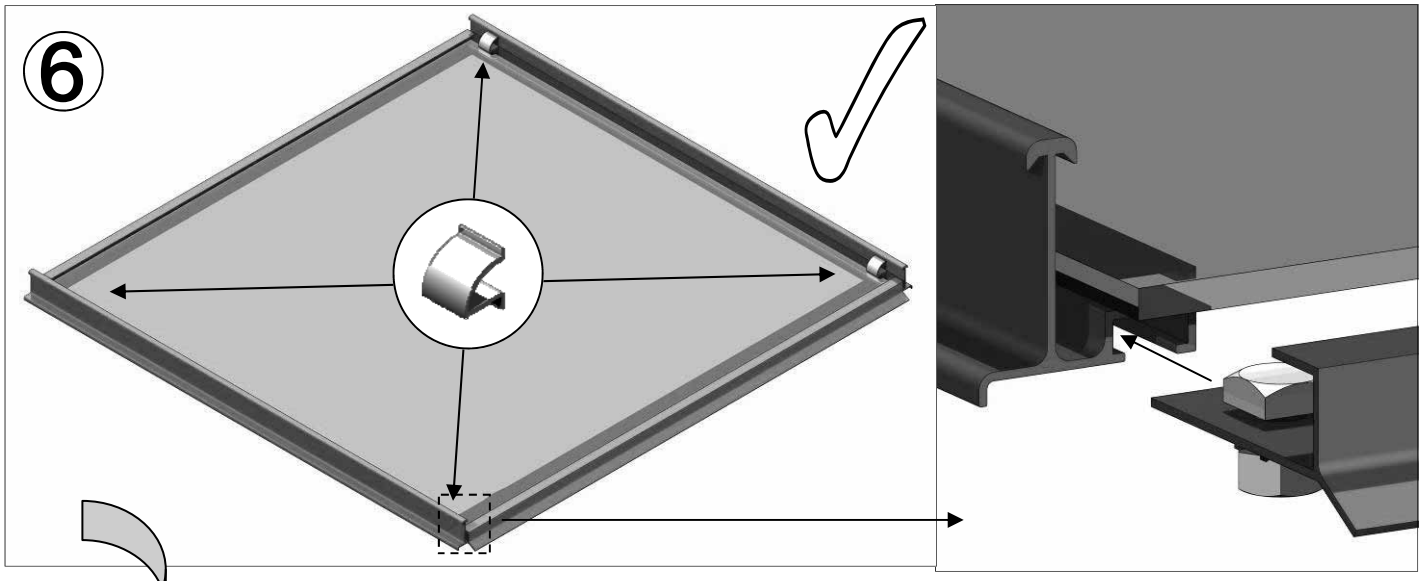
6

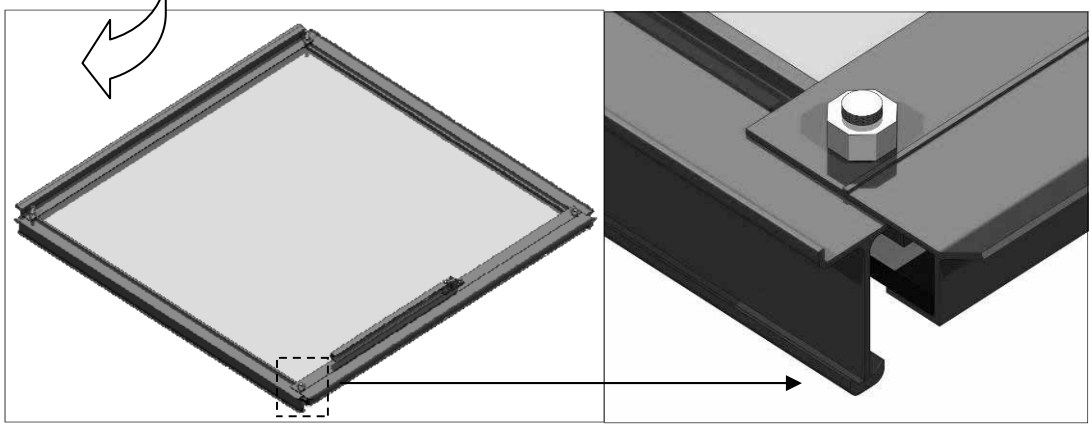












6

7	Part No	SY 095	SY 130	SY 137	SY 163	SY 163a	SY DOOR GLIDE	SY WHEEL	SY BOL DOOR	SY NUT DOOR	SY DOOR STOP	SY FOAM	SY DRA	SYBOL M6X11	SYNUT M6
	Detail														
	Length 'mm'	614	619	883	1901	1901	100 (PLASTIC)	N/A	N/A	N/A	N/A	7600 (FOAM)	4000 (FLUFF)	10	N/A
	Quantity	2	8	4	3	1	4	4	4	4	2	1	1	32	32

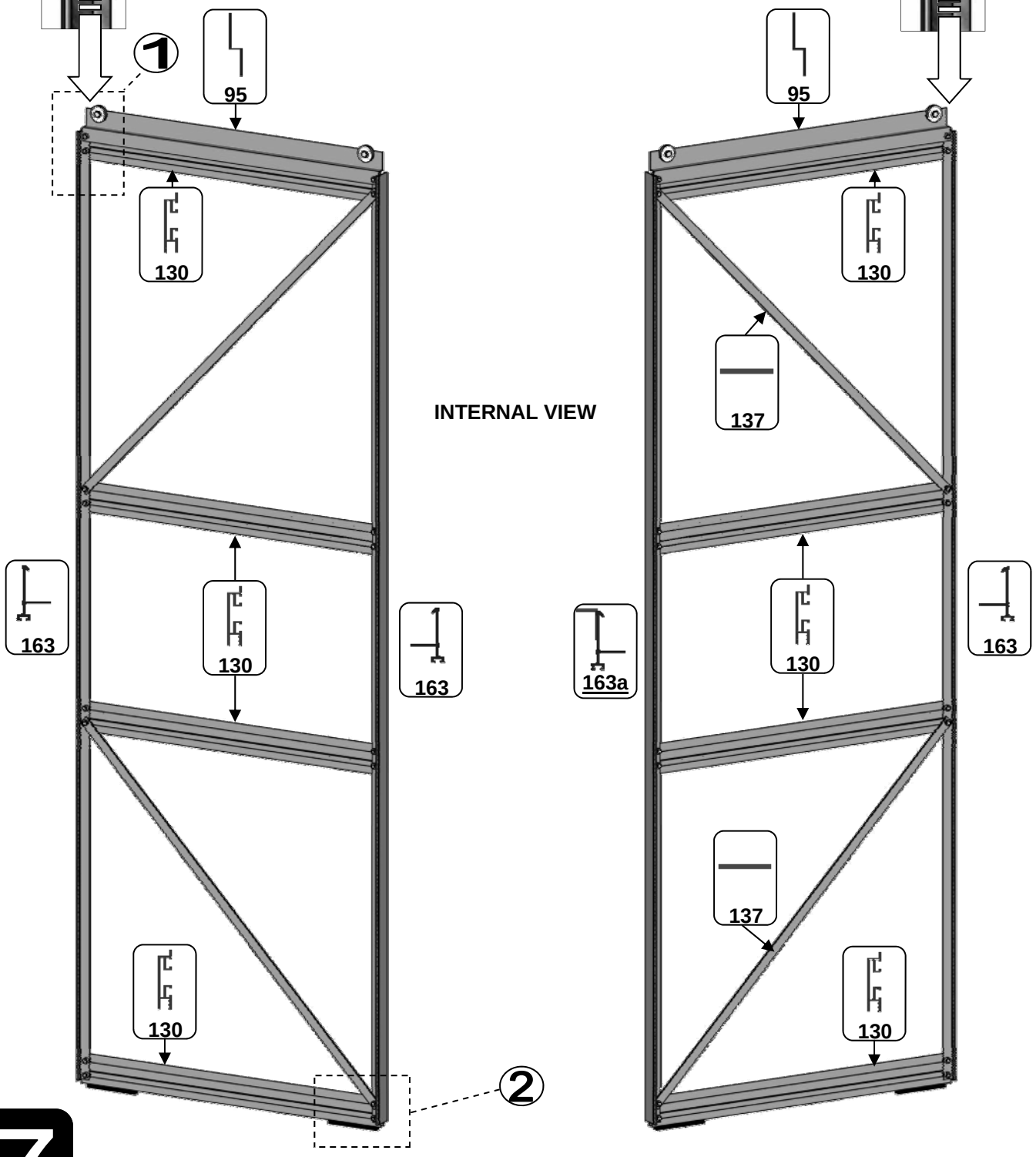


FLUFF

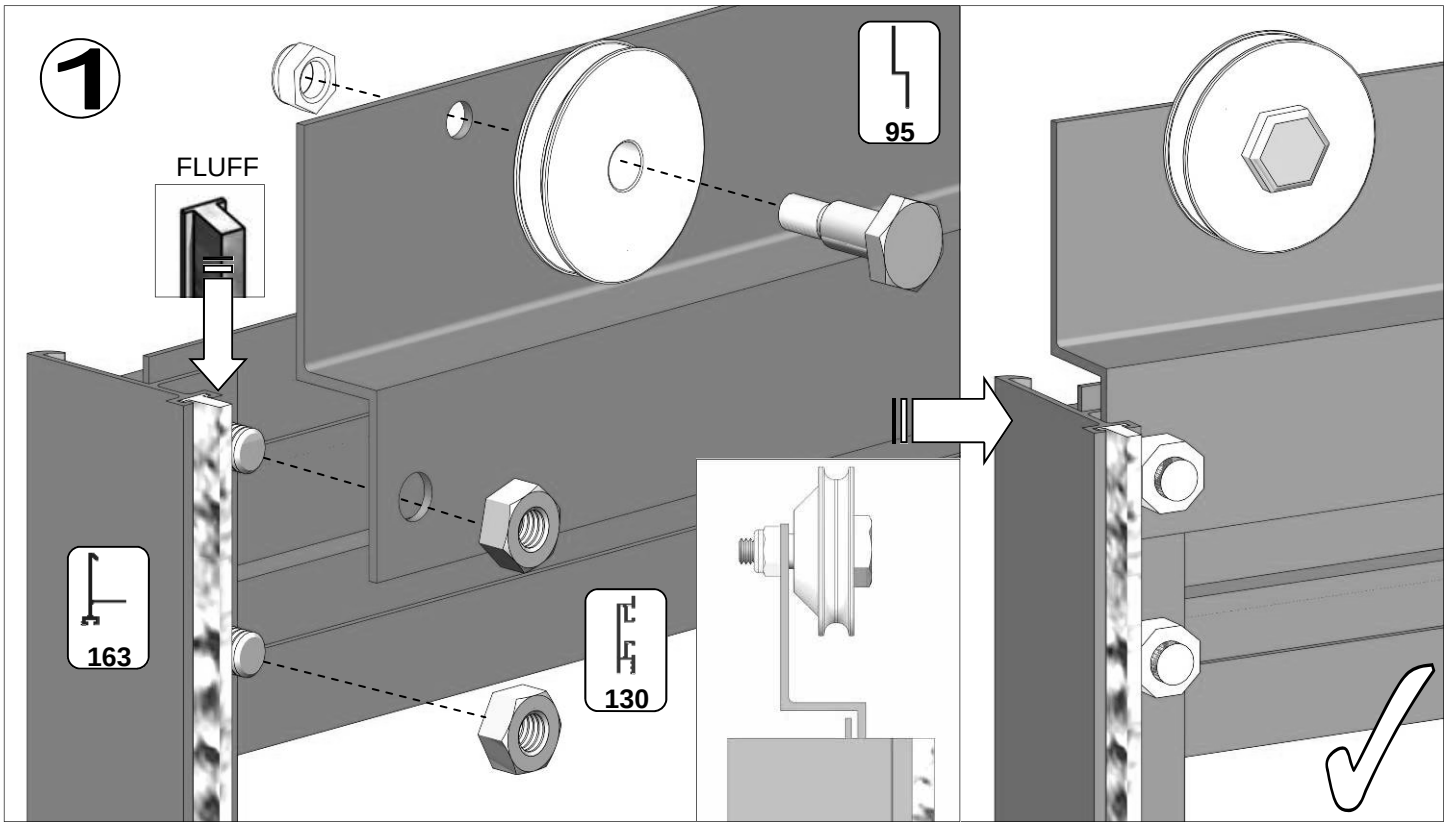


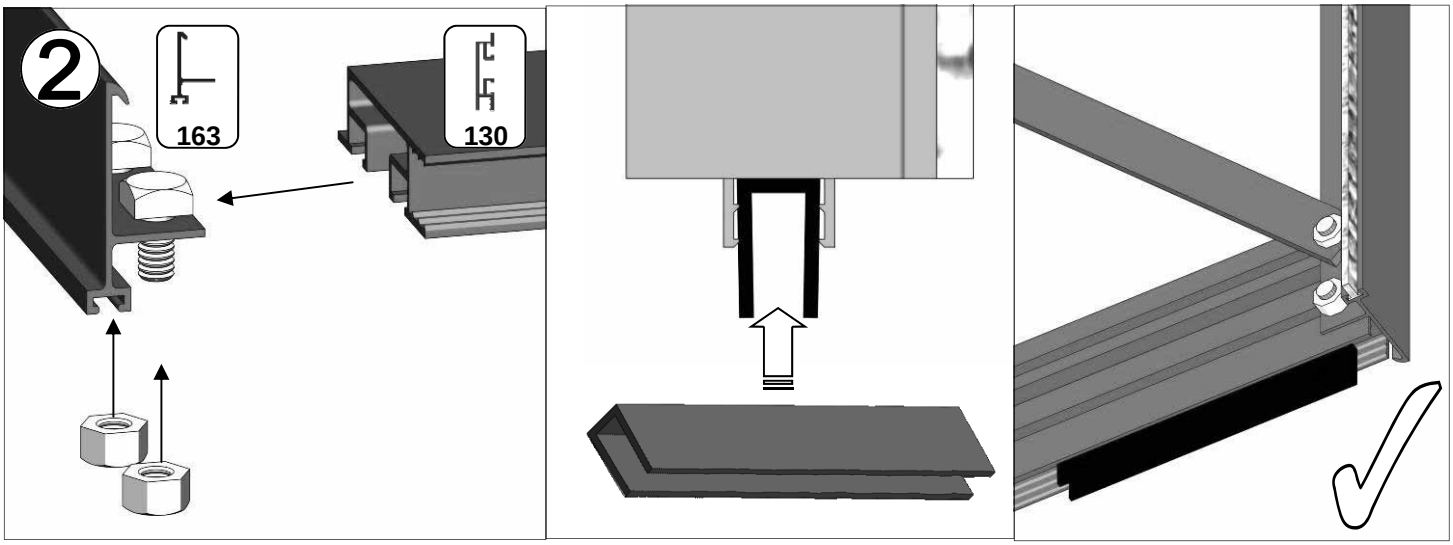
FLUFF

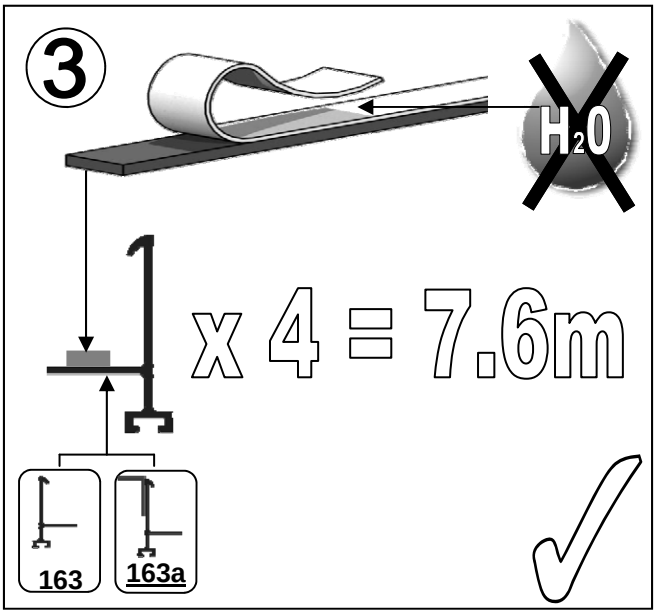




7



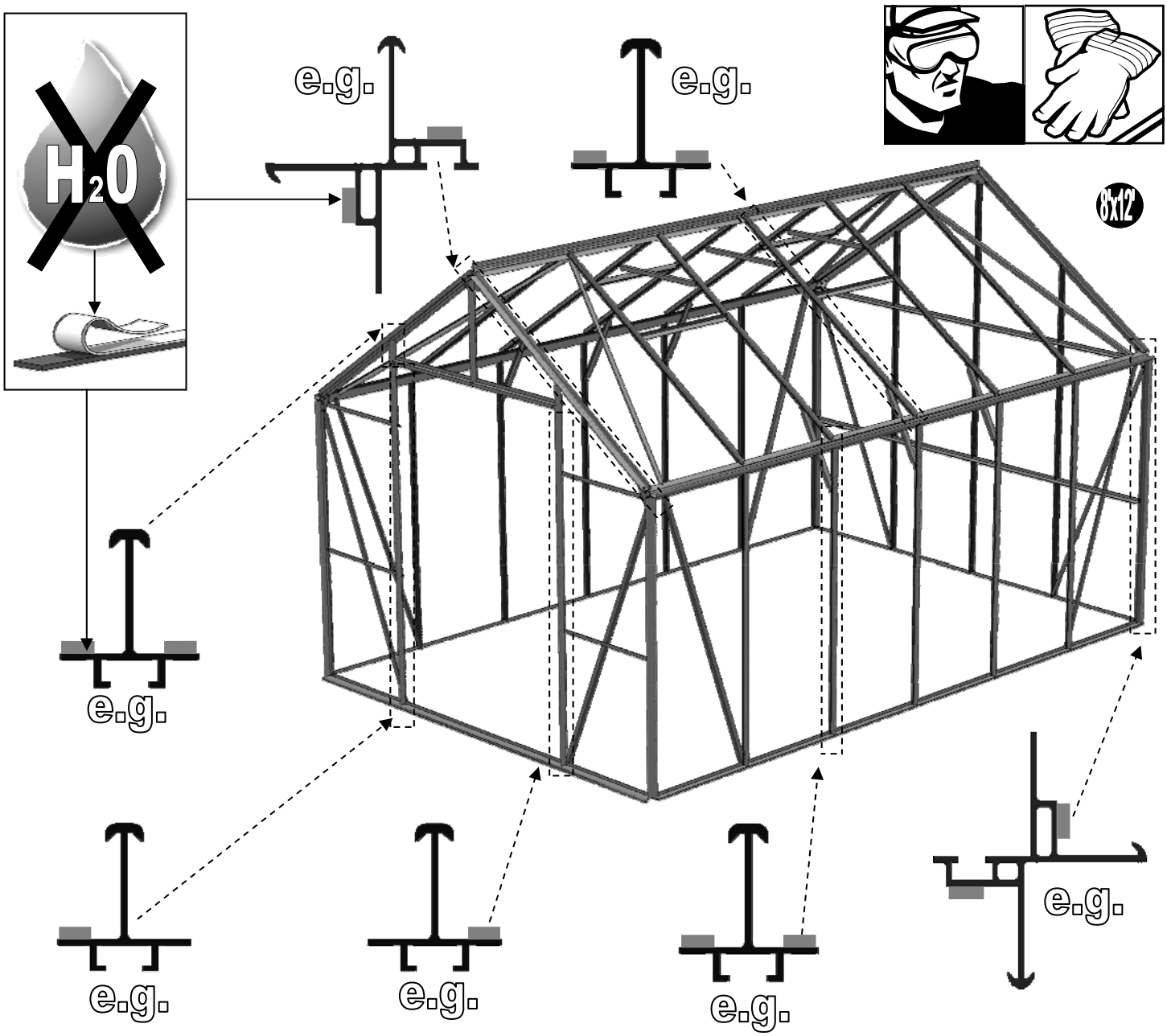


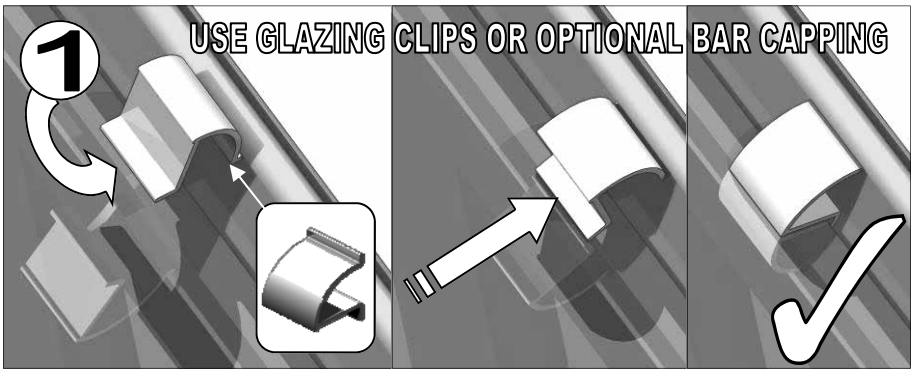


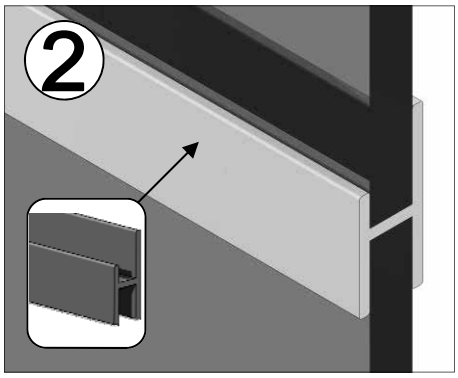
Glazing tips for sections 7 & 8:

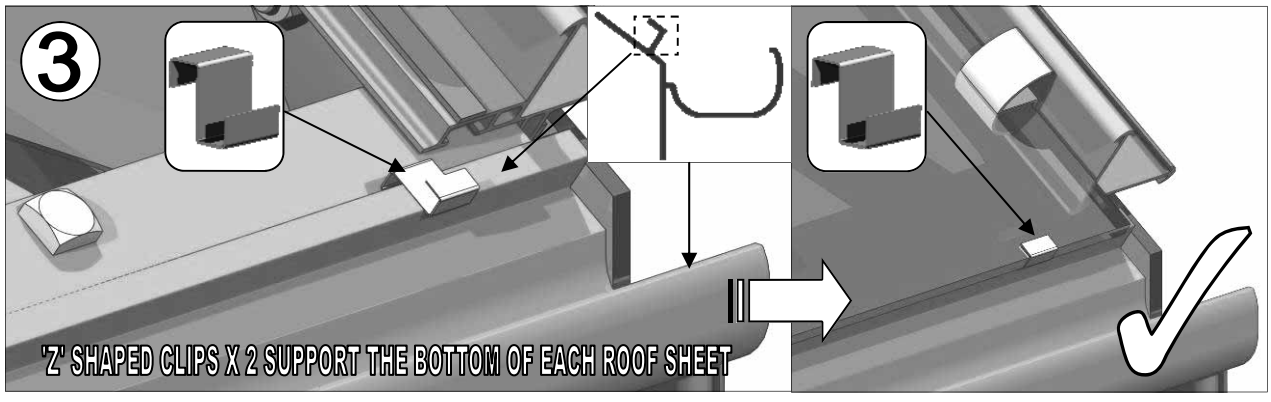
- The foam (see left) goes longitudinally in three sections on each door stile and all over the greenhouse frame, see overleaf, including the roof corner bars. It never goes horizontally, the glass just sits directly onto the aluminium cills in the sides.
- Remove the white paper on the foam before it gets wet as it is difficult to remove, i.e. it comes off in small pieces.
- Clips (see overleaf) go roughly 1 every 305mm (1') e.g. 610 x 610 pane you would have 2 per side.

7


H_2O
e.g.
e.g.
8x12
e.g.
e.g.
e.g.
e.g.
e.g.


1
USE GLAZING CLIPS OR OPTIONAL BAR CAPPING


2

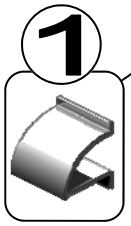

3
'Z' SHAPED CLIPS X 2 SUPPORT THE BOTTOM OF EACH ROOF SHEET

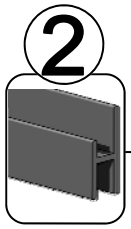
8

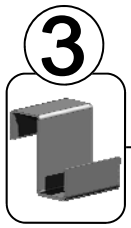




8x10

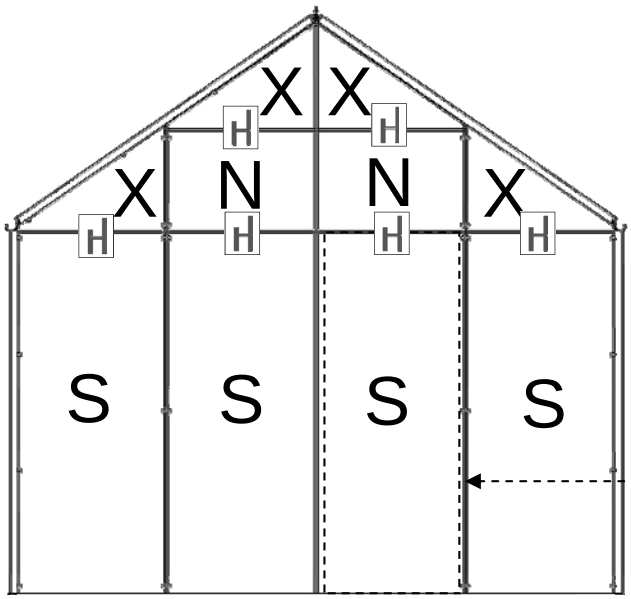


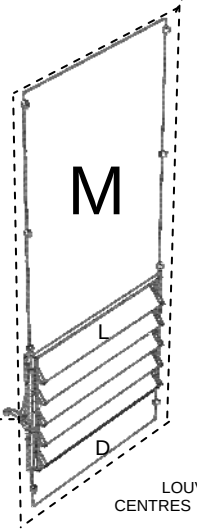


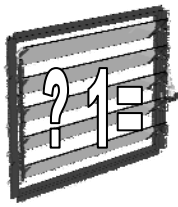


TOUGHENED GLASS

	Size (mm)	4'	6'	8'	10'	12'
S	610 X 1500	13	17	20	23	26
U	610 X 893	1	1	2	3	4
A	610 x 610	5	5	6	7	8
H	610 X 501	2				
N	610 x 417	2				
H	610mm	8				



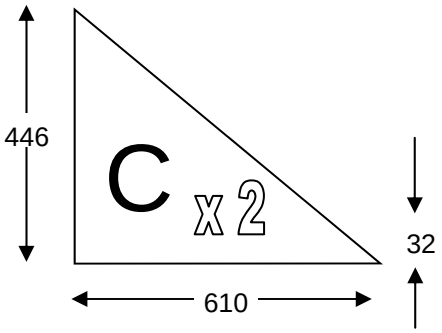


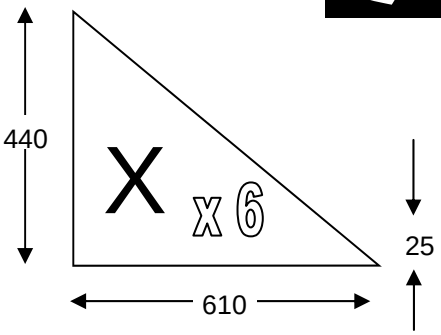


M	610 x 904	1
D	610 x 153	1
L	573 x 100	5

LOUVRE MUST GO BACK CENTRES ON THE 8X4 MODEL





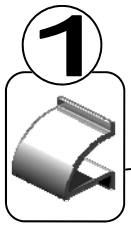


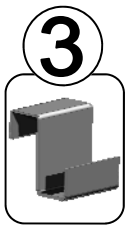


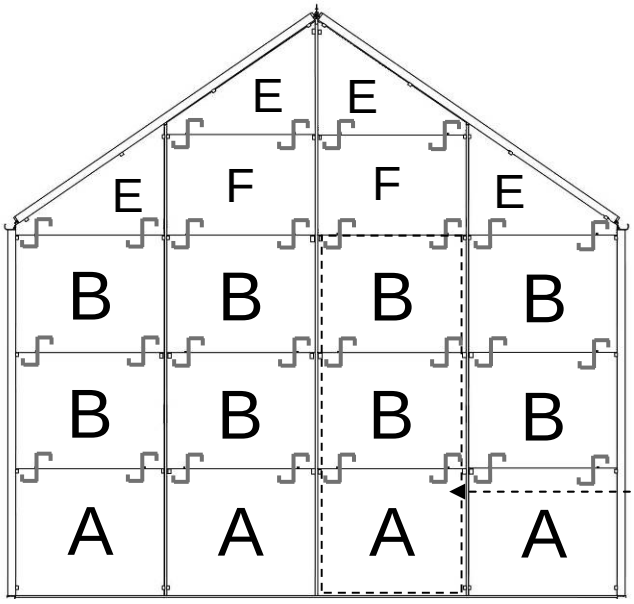
8a?

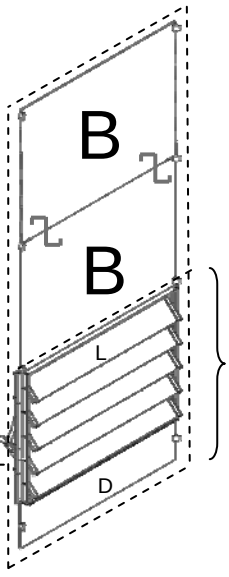












	Size (mm)	4'	6'	8'	10'	12'
A	610 X 610	18	22	26	30	34
B	610 X 457	28	36	44	52	60
H	610 X 498	2				
F	610 X 429	2				



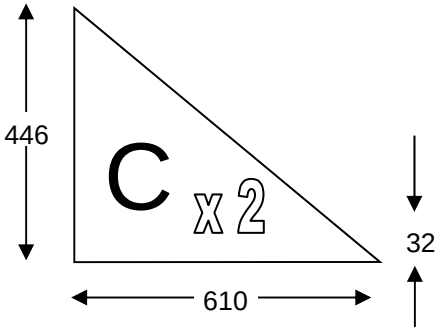
D	610 x 153	1
L	573 x 100	5

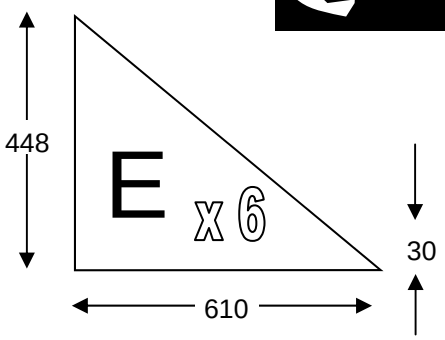
LOUVRE MUST GO BACK CENTRES ON THE 8X4 MODEL

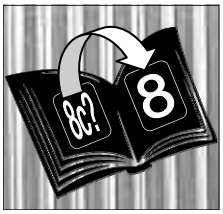


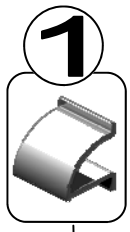


8b?





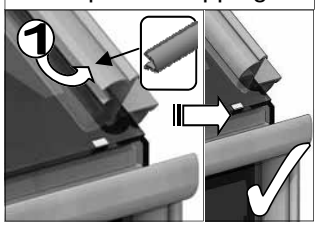


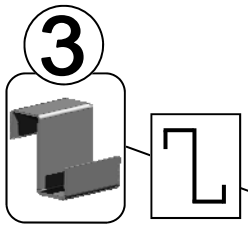


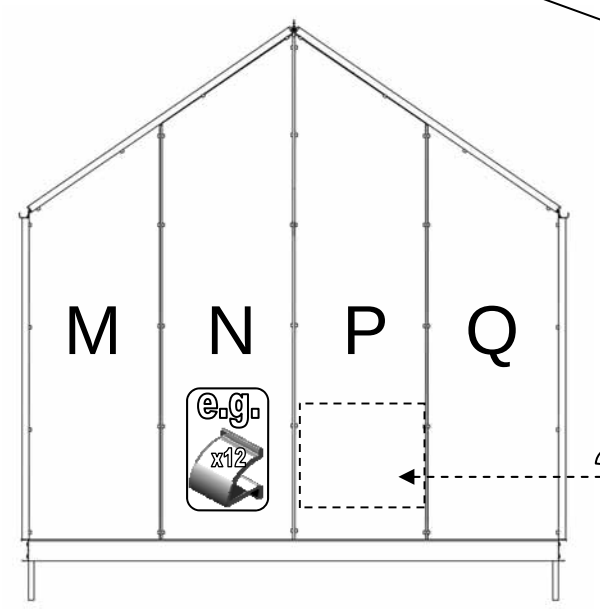
POLYCARBONATE GLAZING

8x10'

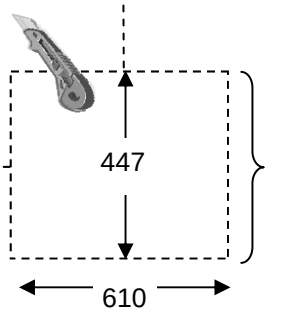
Or optional capping?







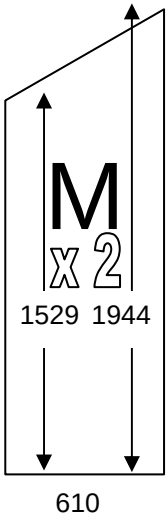
	Size (mm)	4'	6'	8'	10'	12'
S	610 X 1504	7	11	14	17	20
A	610 X 610	5	5	6	7	8
U	610 X 893	1	1	2	3	4
H	610 X 498	2				

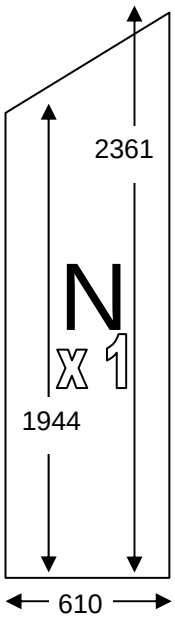


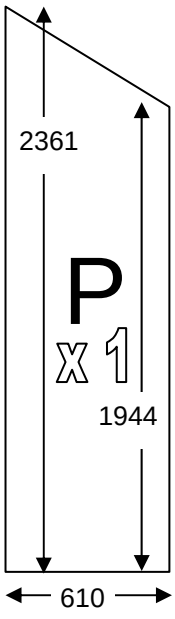


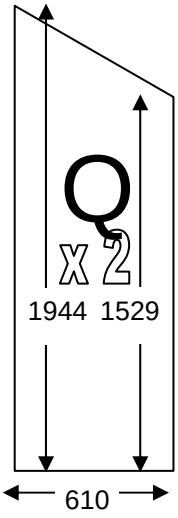
L	573 x 100	5

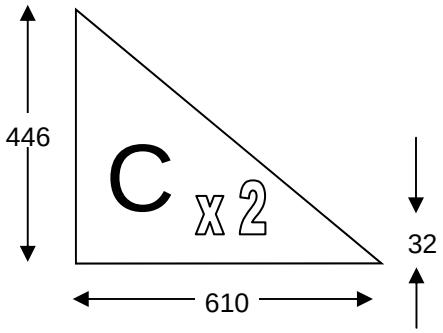
LOUVRE MUST GO BACK CENTRES ON THE 8X4 MODEL





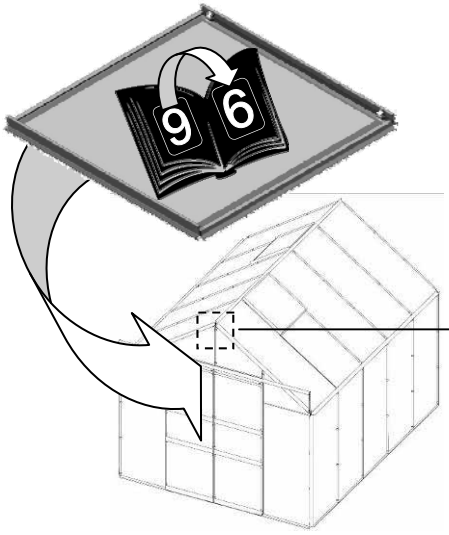


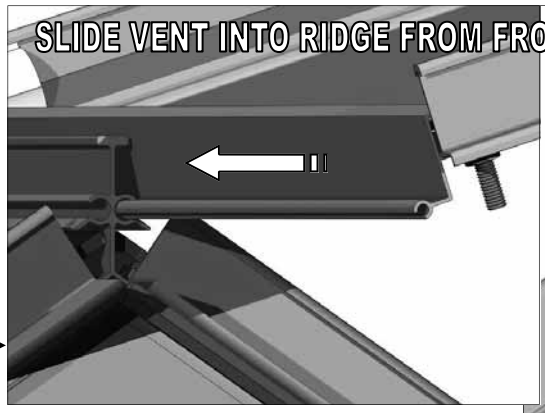


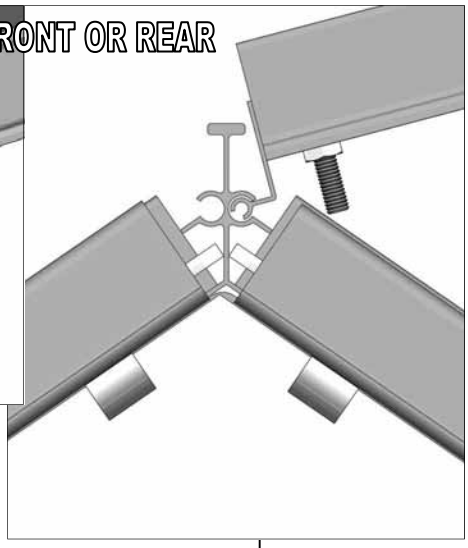


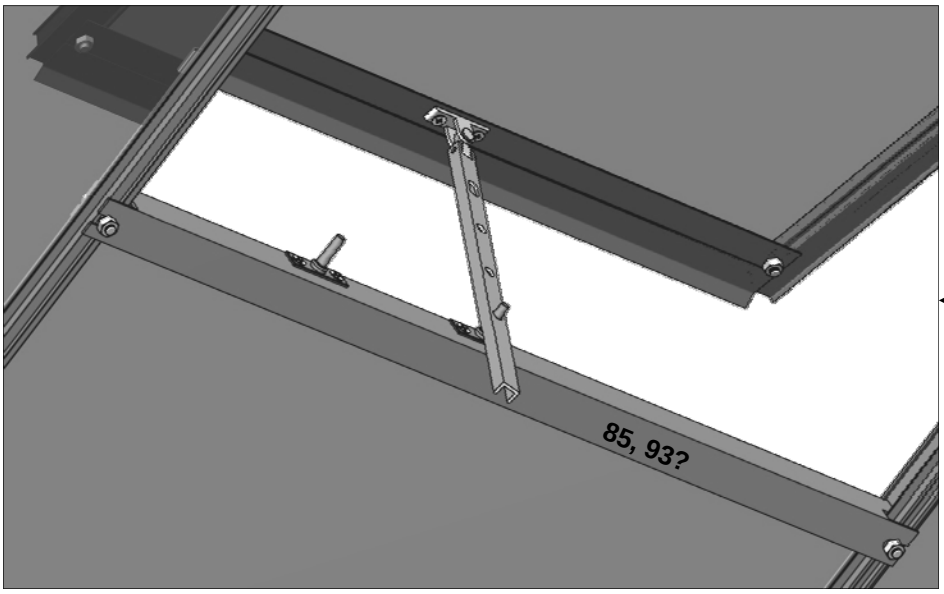


8c?


9
6

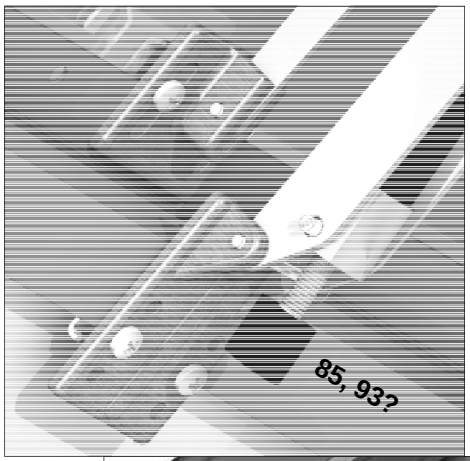

SLIDE VENT INTO RIDGE FROM FRONT OR REAR

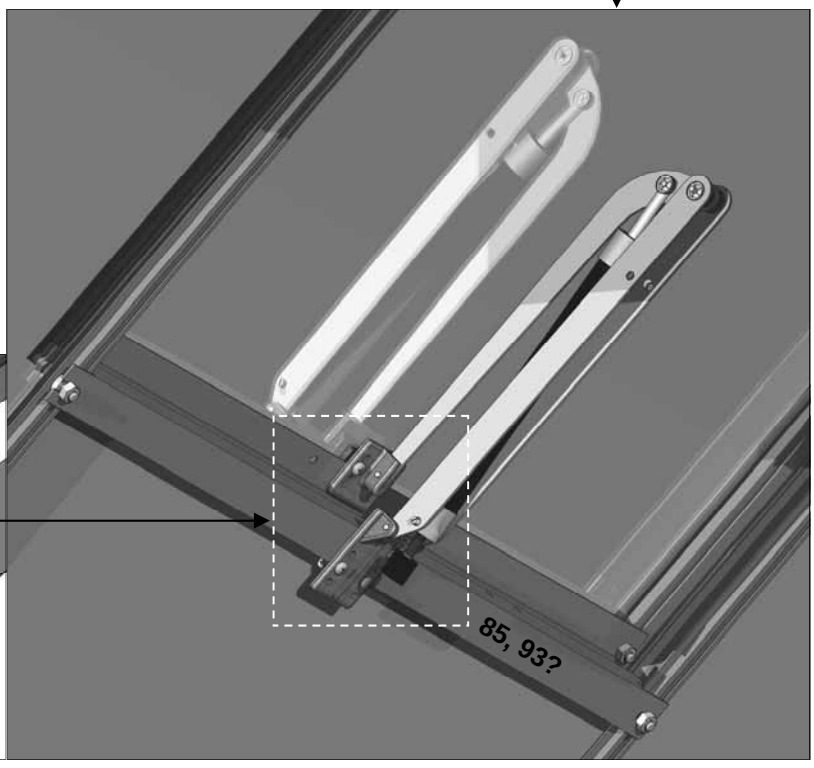


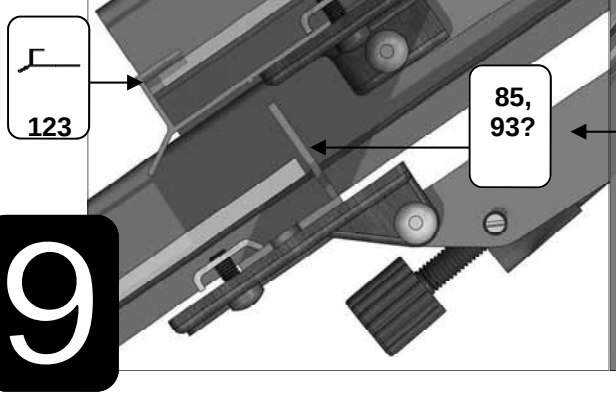

85, 93?


9
5

OPTIONAL


85, 93?

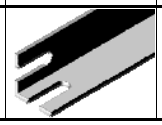

85, 93?

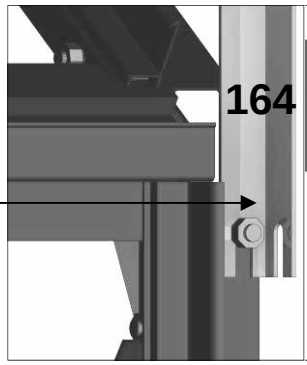

123
85,
93?

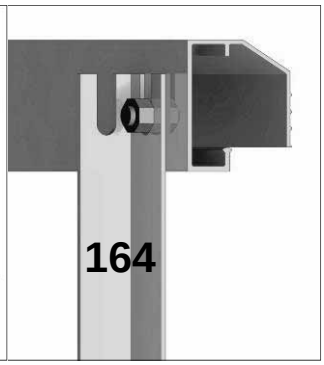
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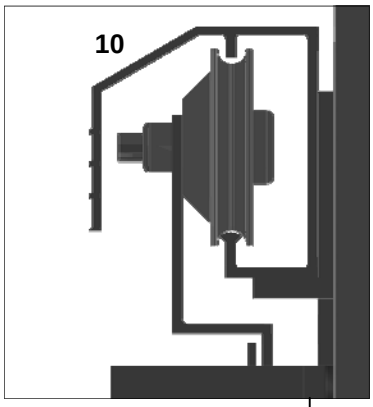
Attach upper door track 10 as per section 2 if not already done (position 10 vertically and push it through the central section between the two glaze bars, twist 10 so that the slots in the mounting bar are facing upwards). Slide doors into upper track (10) and lower track (18), adjust the height of 10 until the door is running smoothly leaving enough room for the pane of glass above.

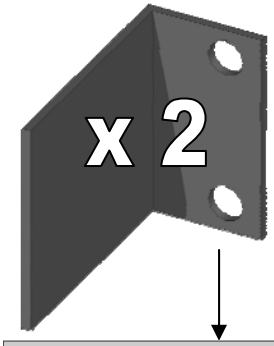


10		2530	1
164		479	2

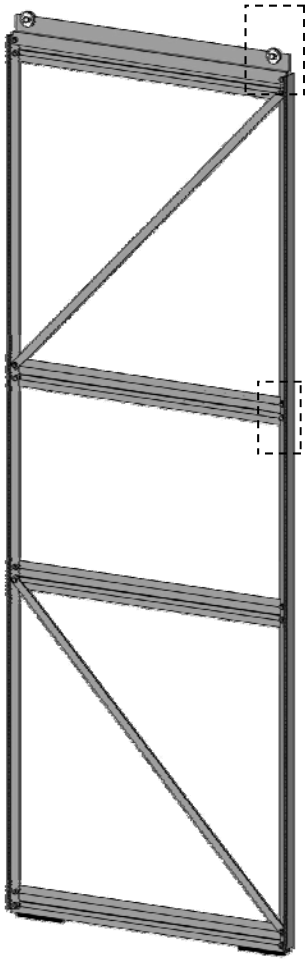


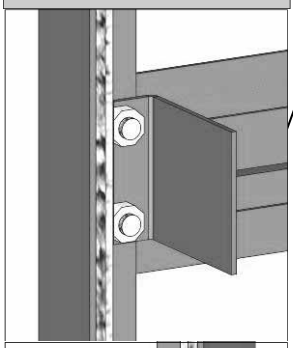


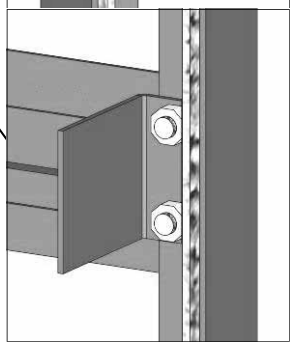


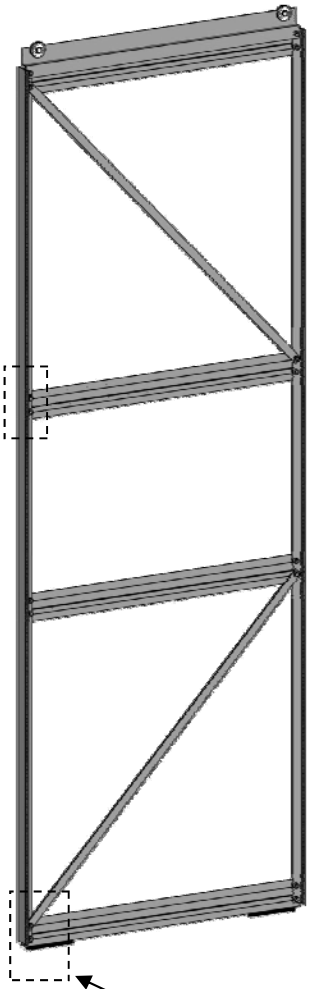


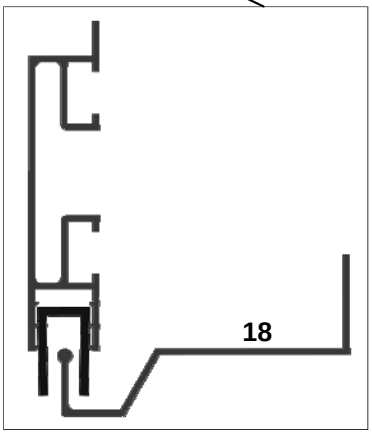
Carefully remove 2 nuts from door rear and attach door stop/ handles (see diagrams below). Re attach the nuts!





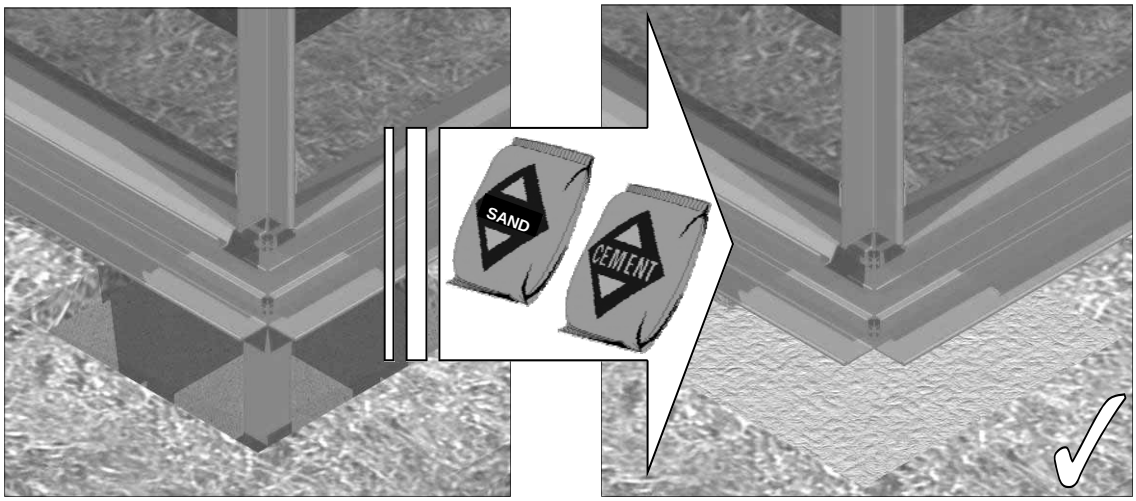


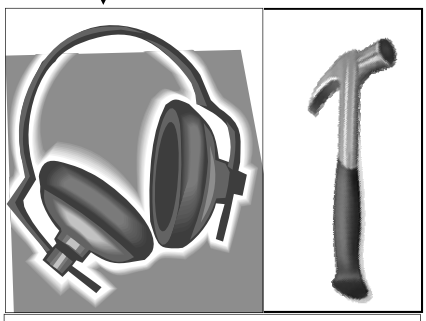


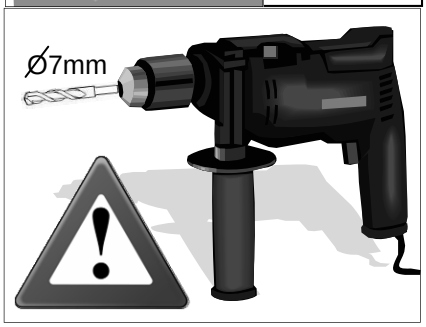


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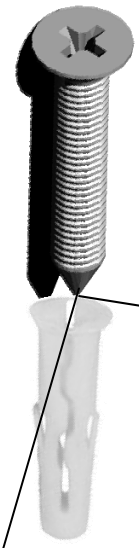


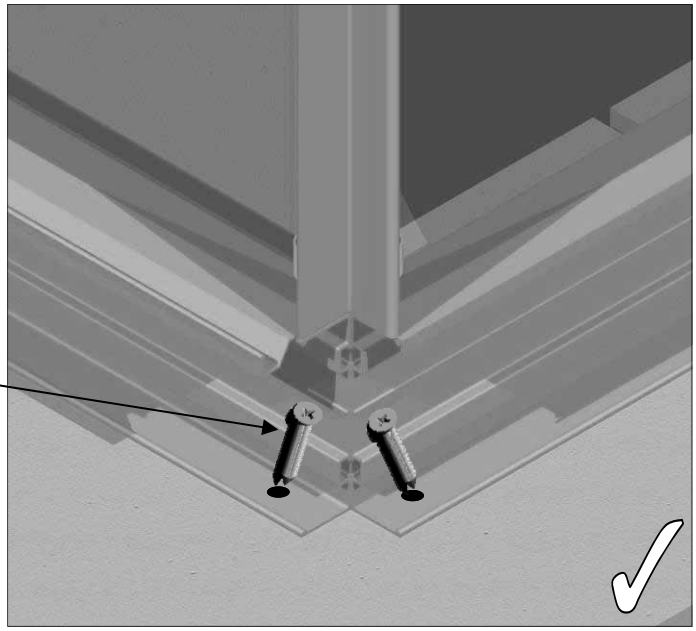


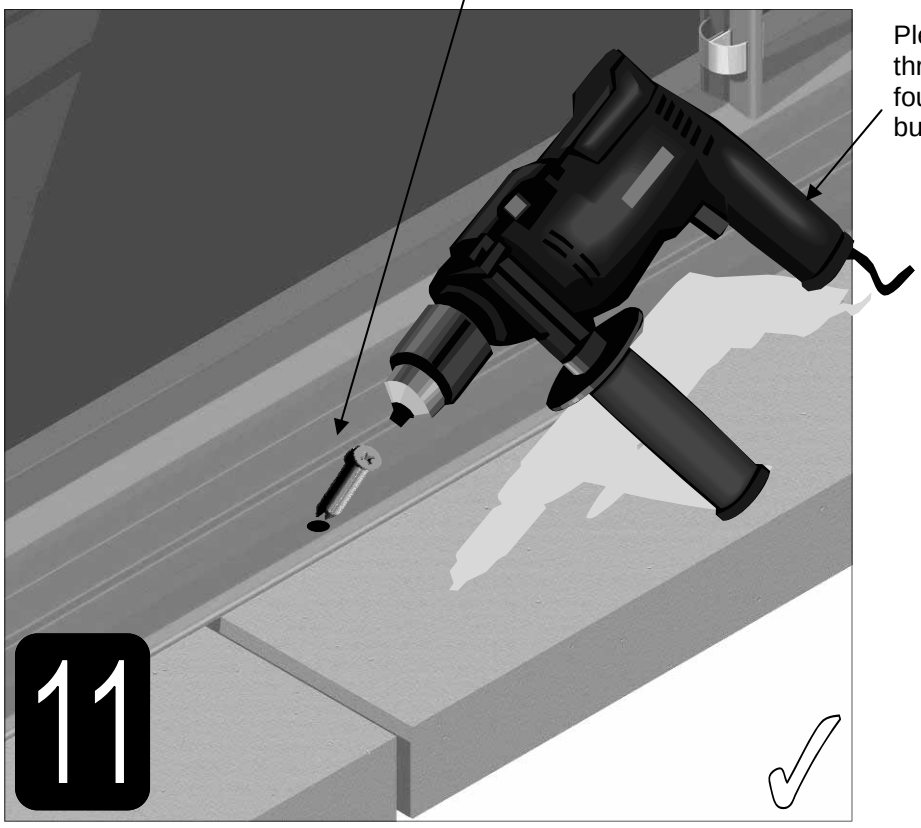




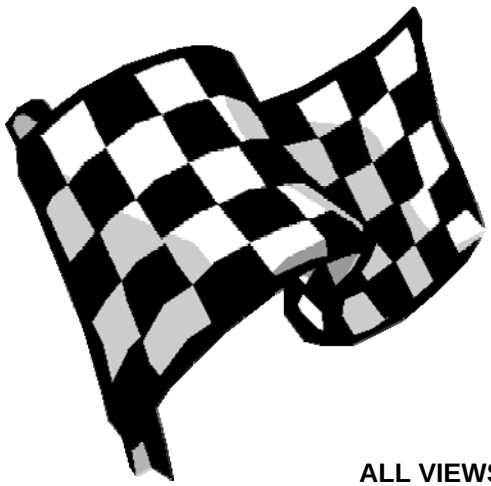
No 10 x 2”







Please note you will have to drill and screw through your metal base and into your solid foundation at an angle from outside the building.



ALL VIEWS EXTERNAL

Hints and Tips!



Vent top corner siliconed along with bar capping.

To help waterproof the building it is a good idea to use a transparent all-weather silicone inside and outside of the building where there are any gaps. Also the top of the vents can be siliconed.



Inside eave area siliconed.

BOX PACKED BY .....

8HE packing List

8HE

No	mm	4'		6'		8'		10'		12'	
1	3720									2	PACKED SEPERATELY
2	3720									1	
3	3720									2	
5	3100							2	PACKED SEPERATELY		
6	3100							1			
8	3100							2			
10	2530	1		1		1		1		1	
12	2480					1					
14	2480					2					
17	2480					2					
18	2476	1		1		1		1		1	
20	1945	2		2		2		2		2	
21	1585	2		4		4		4		4	
22	1945	2		2		2		2		2	
25	1860			2							
26	1860			1							
27	1860			2							
47	1504	2		4		6		8		10	
50	1490	2		4		6		8		10	
55	1240	2									
57	1240	1									
58	1240	2									
67	1579	2		2		2		2		2	
68	1561	2		4		4		4		4	
74	1479	2		2		2		2		2	
75	1479	2		2		2		2		2	
76	1504	2		2		2		2		2	

No	mm	4'		6'		8'		10'		12'	
77	1504	2		2		2		2		2	
84	614	2		2		2		2		2	
85	628	1									
93	636			1		2		3		4	
95	614	2		2		2		2		2	
96	614	2		2		2		2		2	
121	612	1		1		2		3		4	
123	612	1		1		2		3		4	
124	610	2		2		4		6		8	
130	619	8		8		8		8		8	
137	883	4		4		4		4		4	
161	435	1		1		1		1		1	
162	1579	2		2		2		2		2	
163	1901	3		3		3		3		3	
163a	1901	1		1		1		1		1	
164	479	2		2		2		2		2	
165	2476	1		1		1		1		1	
166	2350	1		1		1		1		1	
169	2456	2		2		2		2		2	
600	608					1		2		3	
601	460					2		4		6	
		1		1		2		3		4	
		4		5		7		8		9	
		4m		4m		4m		4m		4m	
SMA DOOR		2		2		2		2		2	
											1 smalls pack for correct size of building