

	A (mm)	B (mm)
4'3" x 2'3"	1295	670
4'3" x 4'3"		1295
4'3" x 6'3"		1910
4'3" x 8'3"		2530
4'3" x 10'4"		3150
4'3" x 12'4"		3770



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

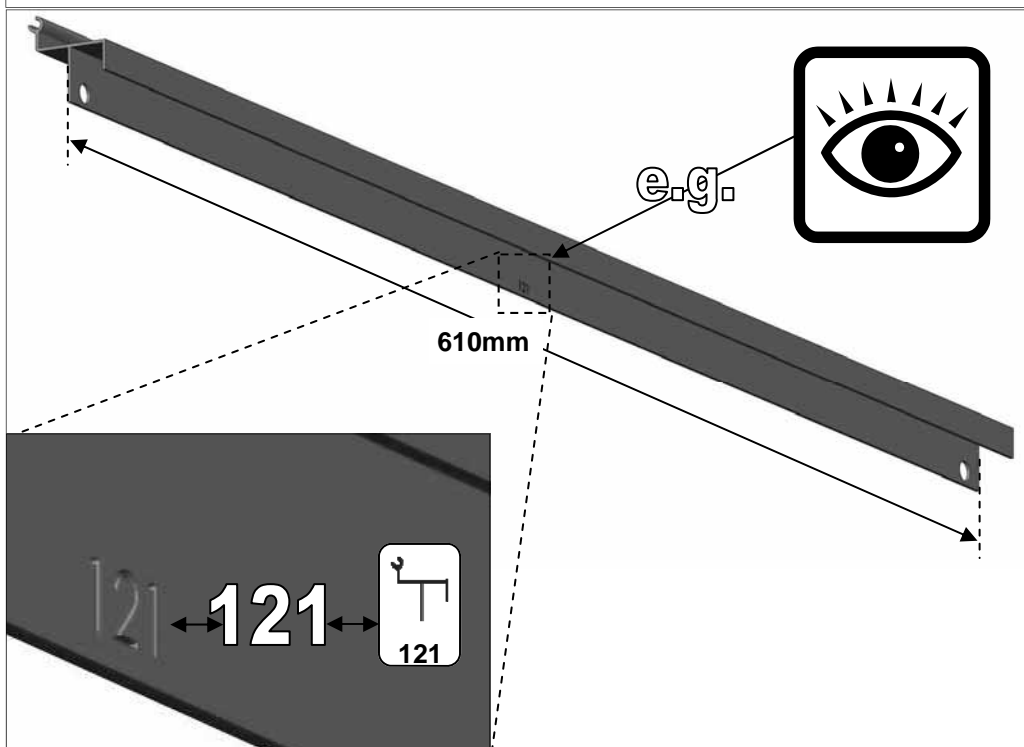
- When selecting a site for your greenhouse, it is vital that you choose as flat and level an area as possible.
- A concrete or slabbed base will provide the most solid foundation for your greenhouse.
- **IMPORTANT:** Do **not** fix your building down until the building is fully assembled, including 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

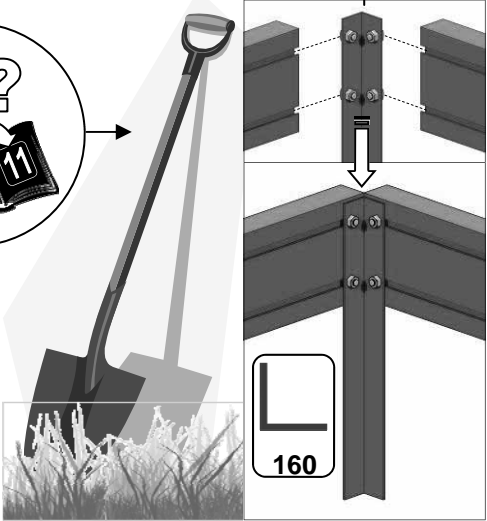
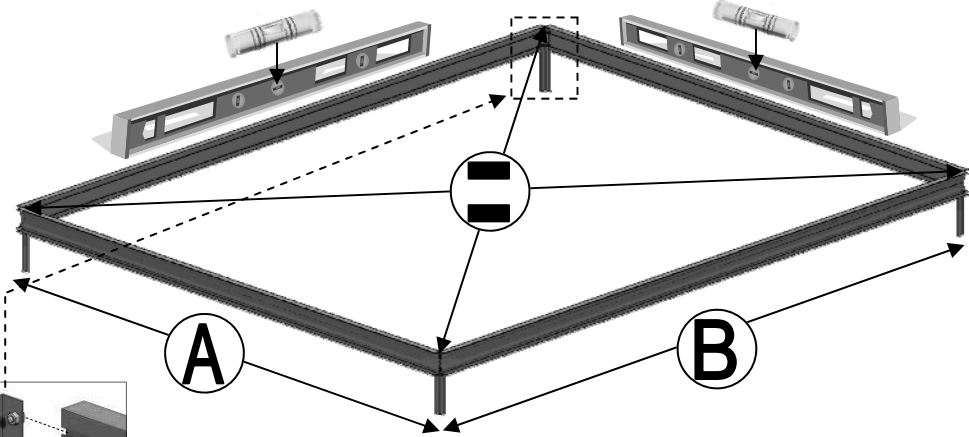
- Your new greenhouse is guaranteed for 10 years against faulty manufacture of the framework. This does not include glazing, moving parts, accidental damage or wind damage.



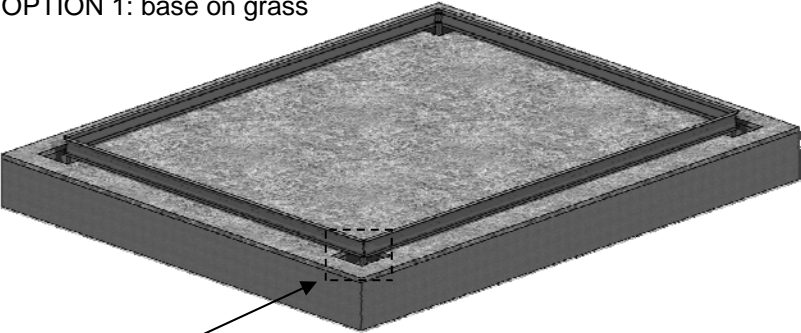
KEY SYMBOL	KEY DESCRIPTION
	LOOK
	THINK / CHOOSE?
	THIS SECTION RELATES TO ANOTHER (e.g. 1 to 5)
	CORRECT
	DO NOT FIX DOWN!
	TWIST TO LOCK
	TIGHTEN
	DO NOT WET!



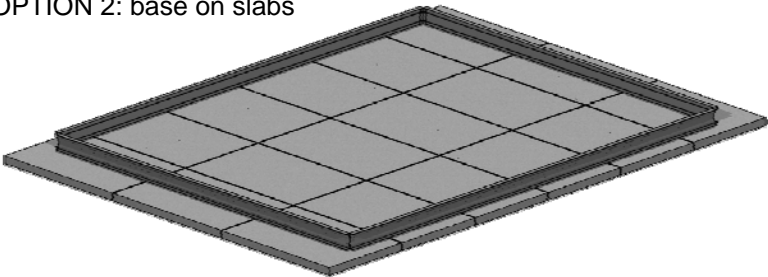
	A (mm)	B (mm)
4'3" x 2'3"	1295	670
4'3" x 4'3"		1295
4'3" x 6'3"		1910
4'3" x 8'3"		2530
4'3" x 10'4"		3150
4'3" x 12'4"		3770



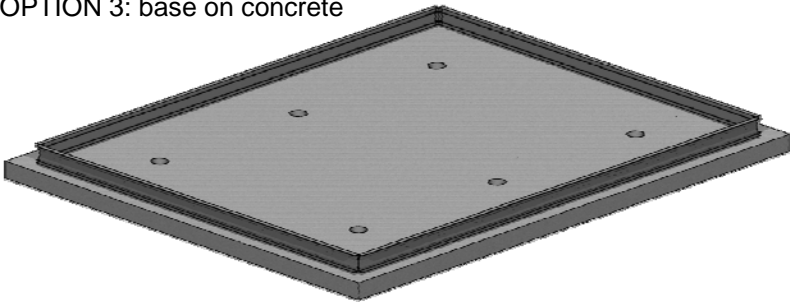
OPTION 1: base on grass



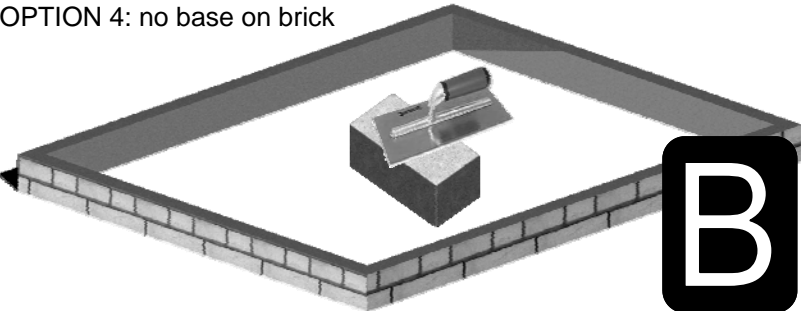
OPTION 2: base on slabs



OPTION 3: base on concrete




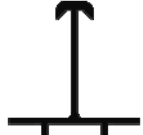


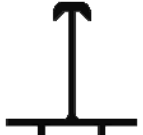


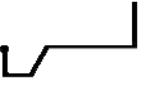

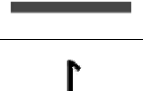
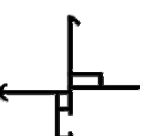
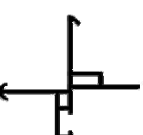
OPTION 4: no base on brick






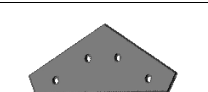
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SY004		3720						2
SY009		3100					2	
SY015		2480				2		
SY029		1860			2			
SY097		1240	2	4	2	2	2	2
SY098		620	2					
SY160		280			4			


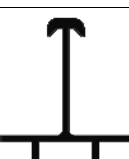


Page Ref	Part No.	Section	Size (mm)	4 2	4 4	4 6	4 8	4 10	4 12
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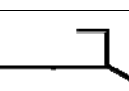
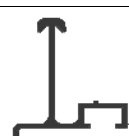

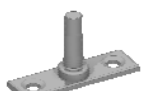


1	1		3720						2
	5		3100					2	
	17		2480				2		
	25		1860			2			
	55		1240		2				
	78		620	2					
	3		3720						2
	8		3100					2	
	14		2480				2		
	27		1860			2			
	58		1240		2				
	91		620	2					
	21		1586	2	2	4			
	47		1504	0	2	4	6	8	10

2 + 3	42		1730	2					
	43			2					
	48		1488	4					
	59		1236	1					
	60		1236	1					
	62		1216	1					
	63		1216	1					
	76		1504	2					
	77		1504	2					
	89		728	2					
	90		728	2					



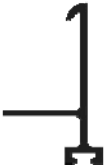


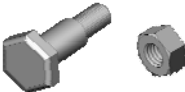


Page Ref	Part No.	Section	Size (mm)	4 2	4 4	4 6	4 8	4 10	4 12
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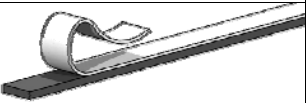
2 + 3	132		304	2					
	133		304	2					
	201			2					
	200			4					




5	2		3720						1
	6		3100					1	
	12		2480				1		
	26		1860			1			
	57		1240		1				
	88		620	1					
	92		741	0	2	4	6	8	10
	135		891	0	2	4	4	4	4
	81 85 93		618 628 636	1	1				
					1	2	3	4	

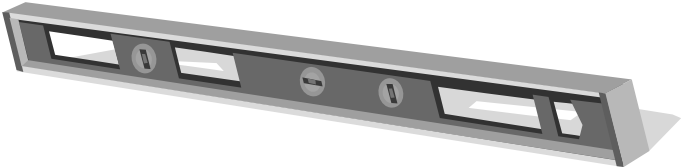
6	121		619	1	1	1	2	3	4
	123		612	1	1	1	2	3	4
	127		457	2	2	2	4	6	8
				1	1	1	2	3	4
				2	2	2	4	6	8
		 M4		6	6	6	12	18	24
		 M6		2	2	2	4	6	8

Page Ref	Part No.	Section	Size (mm)	4 2	4 4	4 6	4 8	4 10	4 12
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7	131		304	8
	64		1605	1
	46		1605	3
	129		299	2
				4
				4
				4
			4000	1

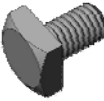


8		124	156	188	220	252	284
		44	60	76	90	104	120
		3 roll	3 roll	4 roll	5 roll	5 roll	5 roll

4+10	53		1284	1					
	79		168	2					
				2					



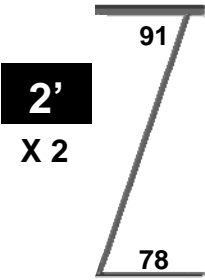
4 HE

Part No.	Section	Size (mm)	4 2	4 4	4 6	4 8	4 10	4 12
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SYBOL M6X11		10	96	106	120	130	142	150
SY NUT M6		N/A	98	107	120	130	142	150
SYBOL M6X11 CROP		10	2	1				



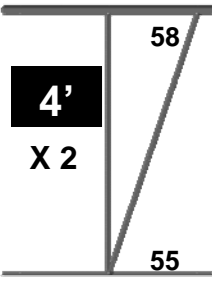
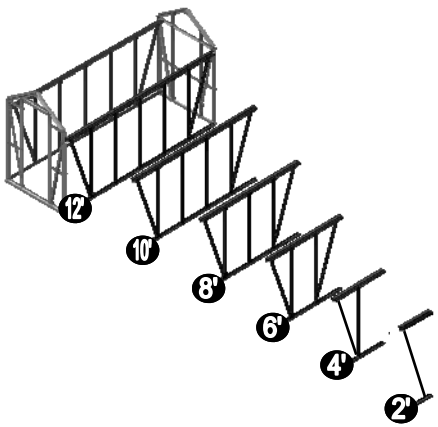
On the **2' long model** the sides have no vertical side bar '47'. Because of this the sides have little substance and you will find it easier to skip this section '1' until you have built the front (section 2) and rear (section 3). The sides can then be built in situ during section '4' where the gutters '91' and cills '78' will allow the front and rear to connect.



Part No	mm	Quantity
91	620	2
78	620	2
21	1586	2

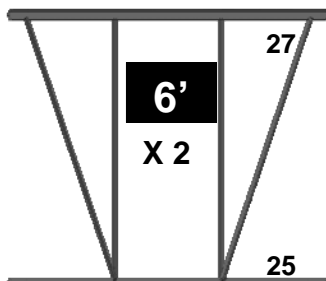


M6	2
M6	2



Part No	mm	Quantity
58	1245	2
47	1504	2
55	1245	2
21	1585	2

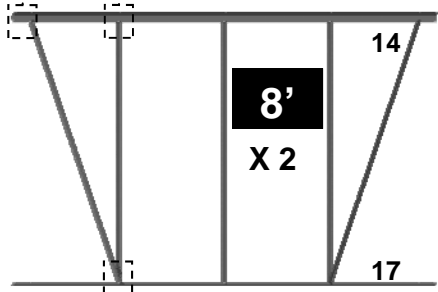
M6	6
M6	6



Part No	mm	Quantity
27	1860	2
47	1504	4
25	1860	2
21	1585	4

M6	12
M6	12

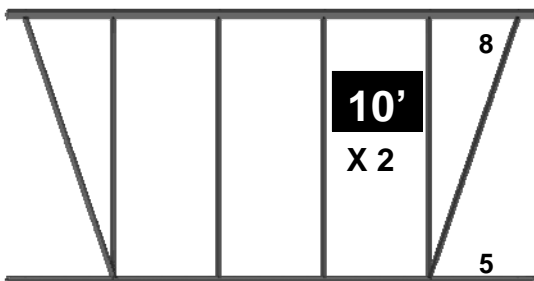
e.g. ①



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

M6	16
M6	16

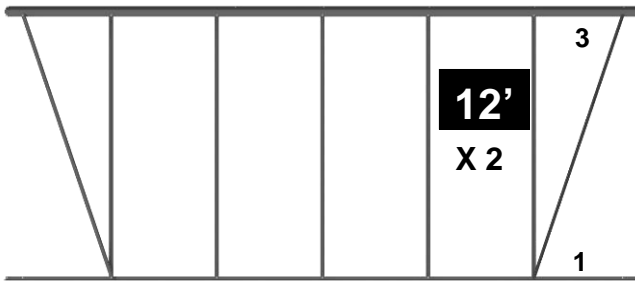
e.g. ②



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

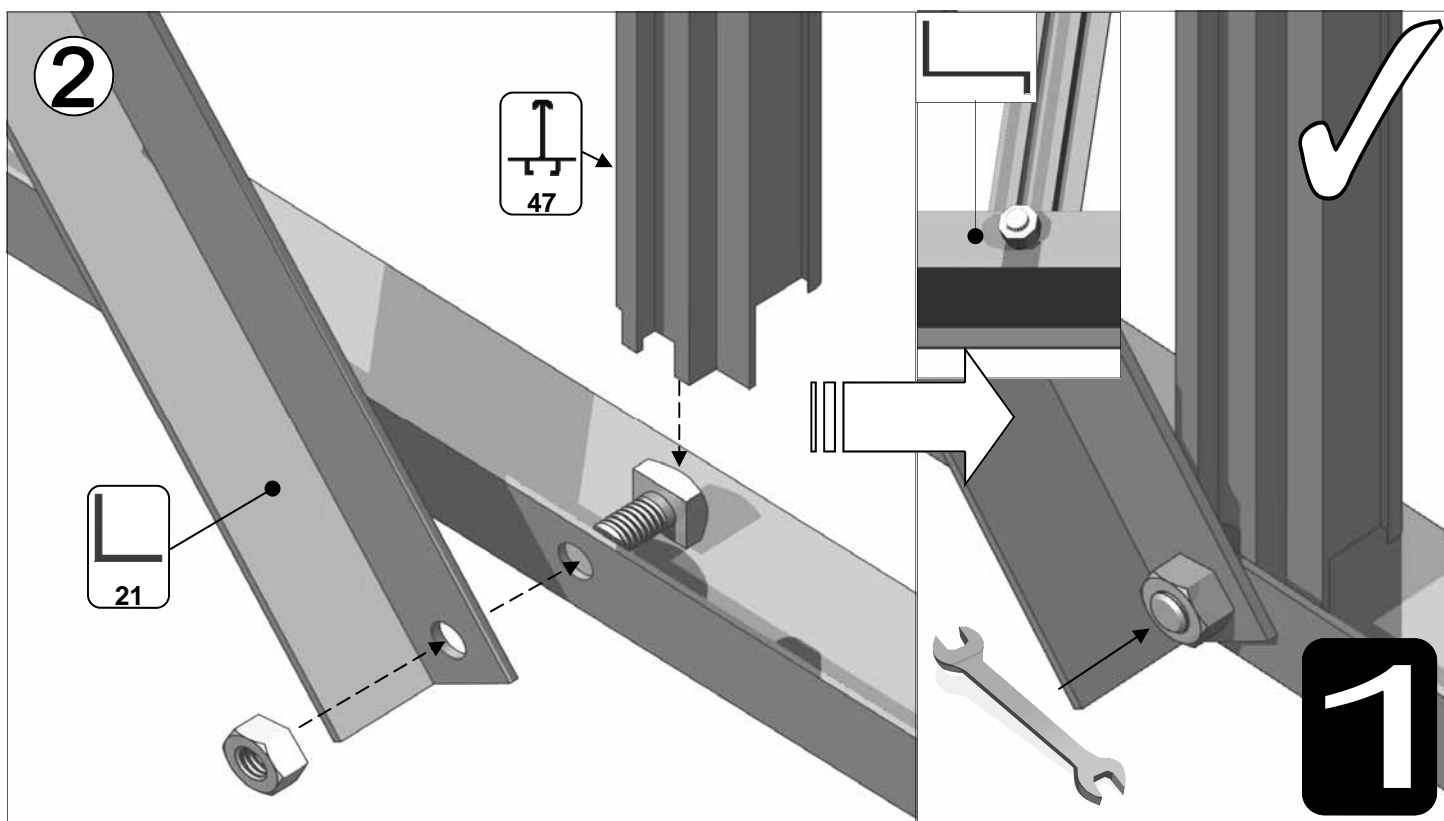
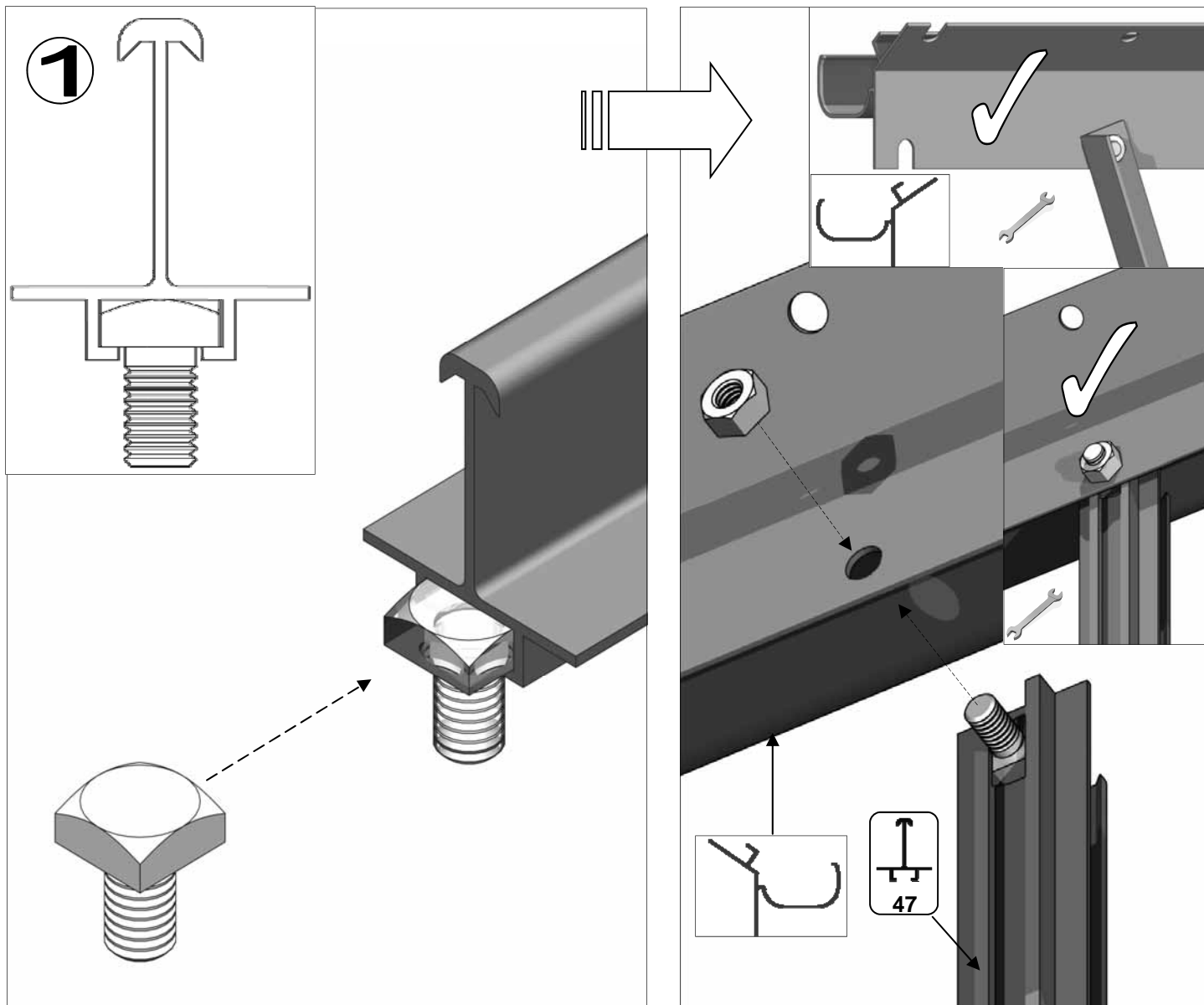
M6	20
M6	20

ALL VIEWS
INTERNAL

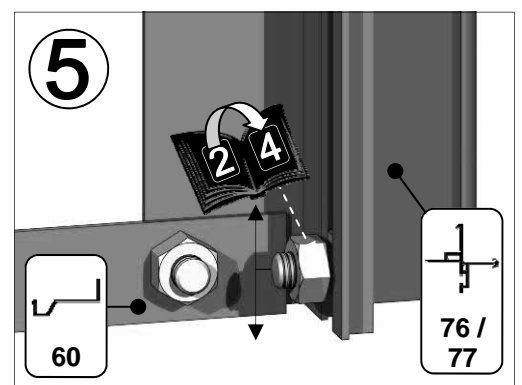
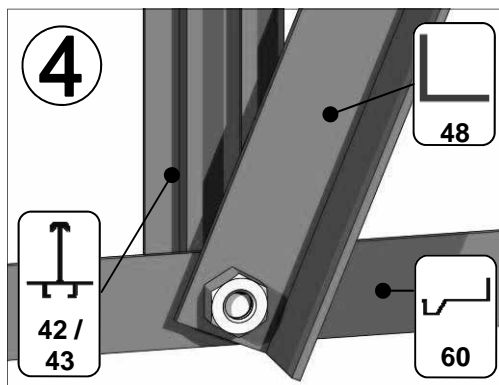
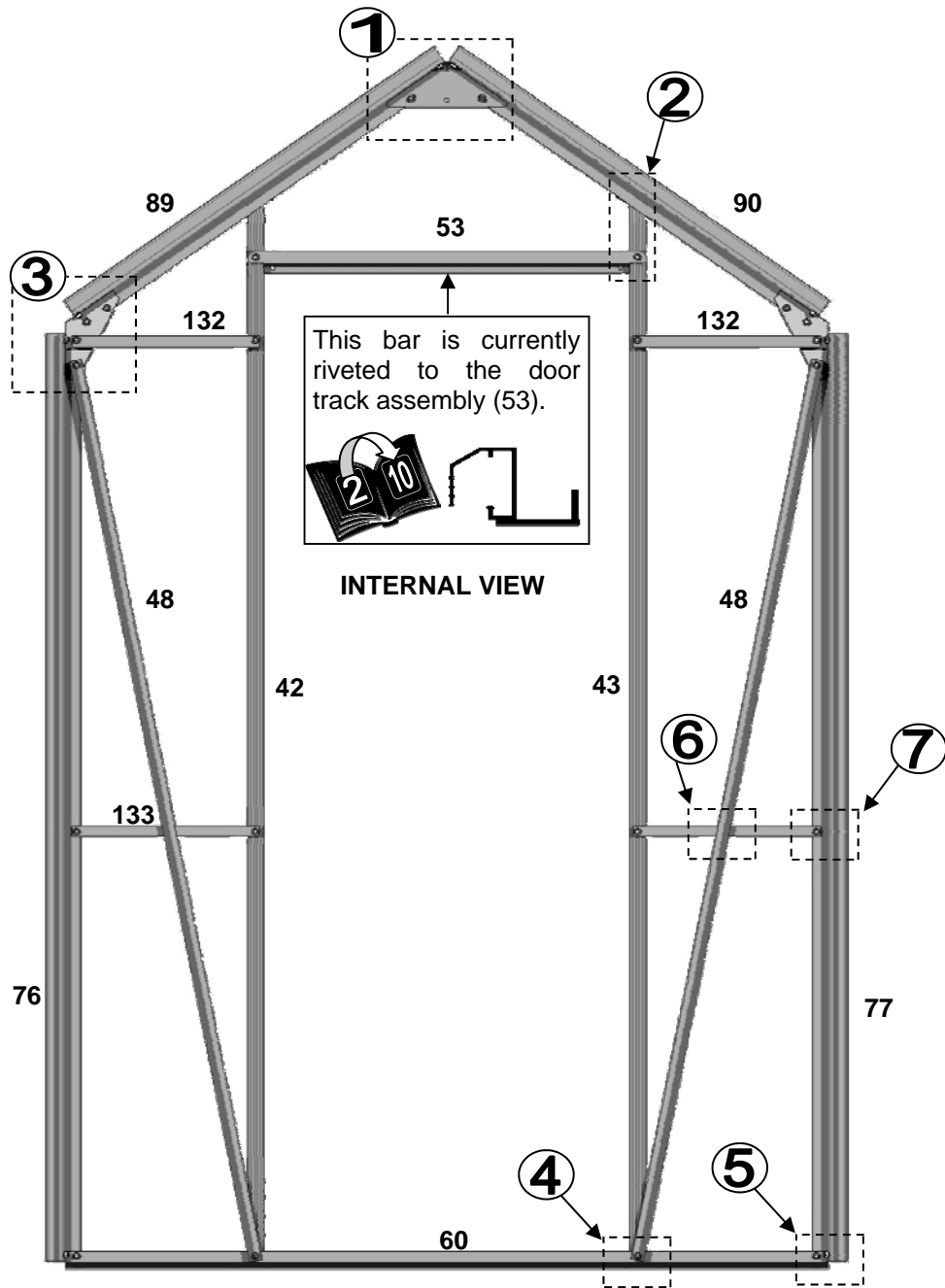


Part No	mm	Quantity
3	3720	2
47	1504	10
1	3720	2
21	1585	4

M6	24
M6	24

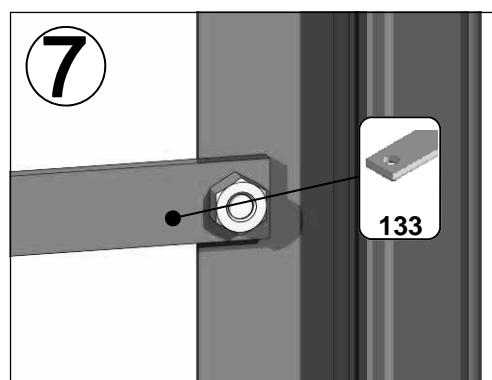
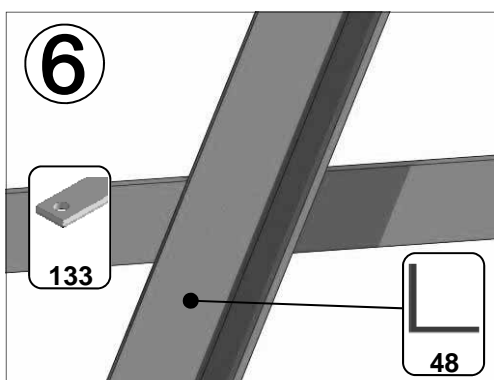
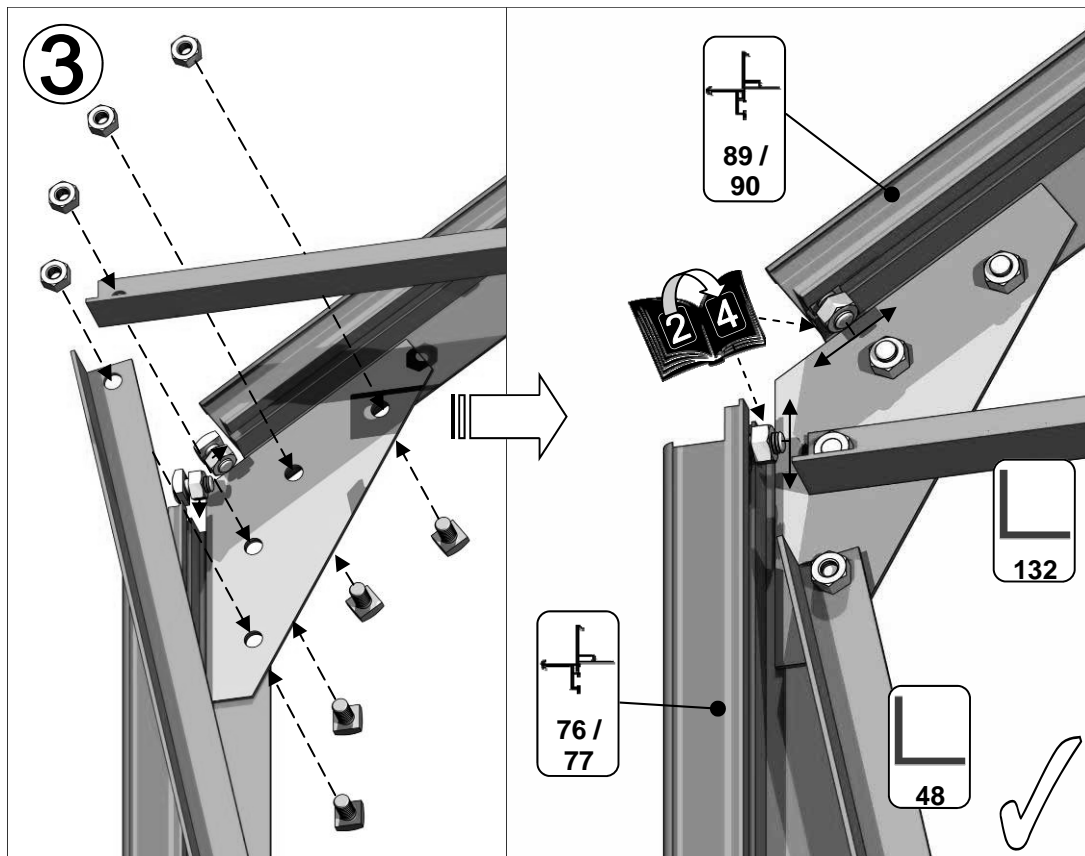
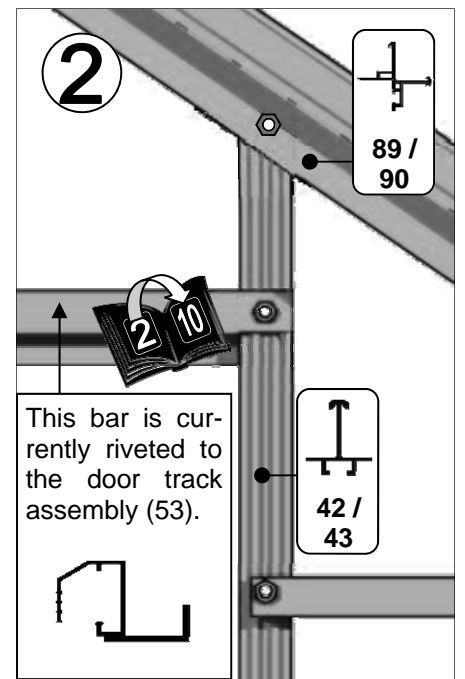
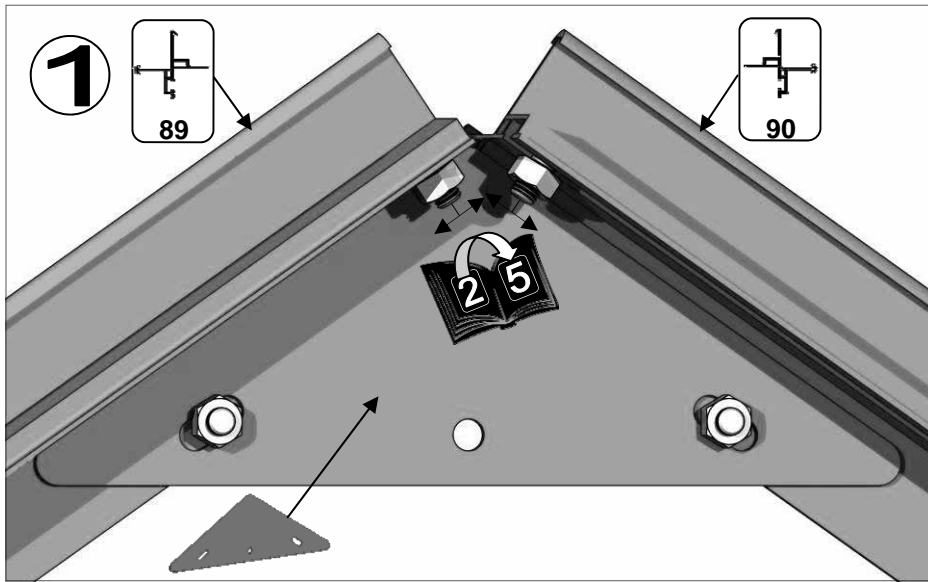


Part No	SY053	SY060	SY042 / SY043	SY048	SY089 / SY090	SY076 / SY077	SY133	SY132	SY200	SY201	SYBOL M6X11	SYNUT M6
Detail												
Length 'mm'	1284	1236	1734	1488	728	1504	304	304	N/A	N/A	10	N/A
Quantity	1	1	1 + 1	2	1 + 1	1 + 1	2	2	2	1	32	32



ALL VIEWS
INTERNAL

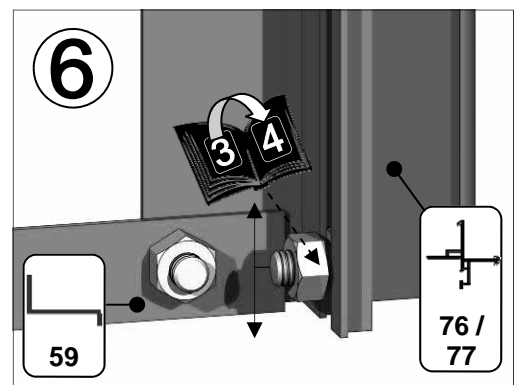
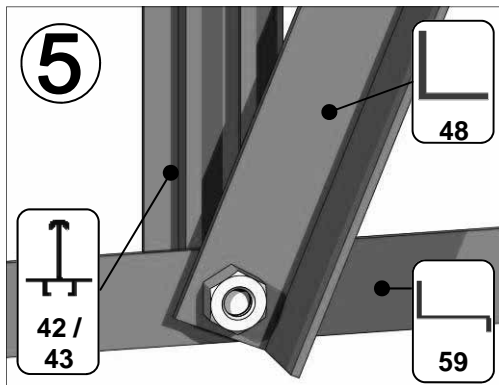
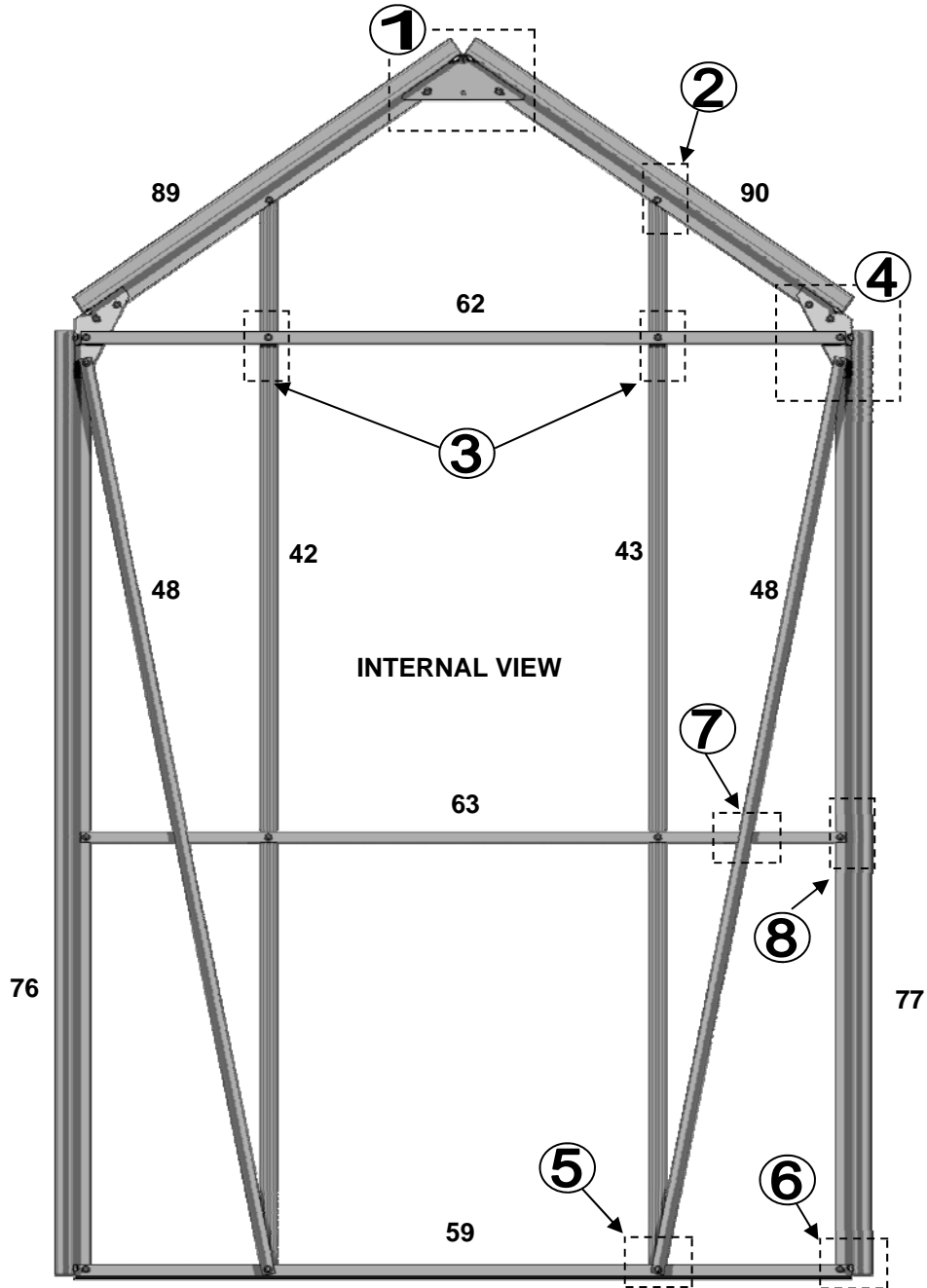
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ALL VIEWS
INTERNAL

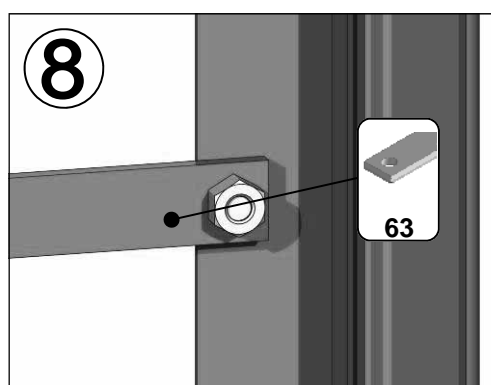
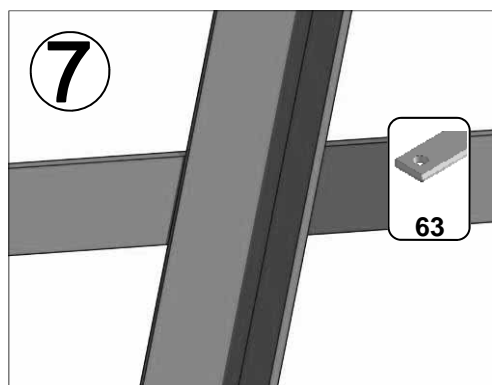
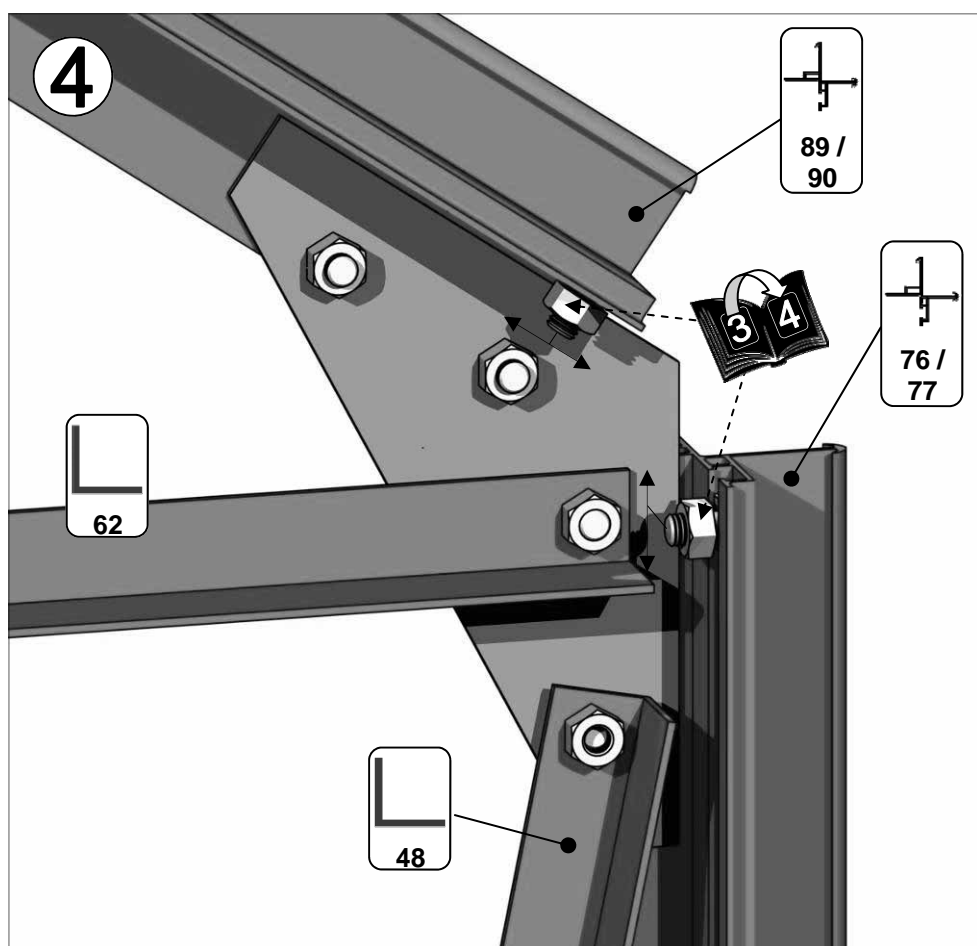
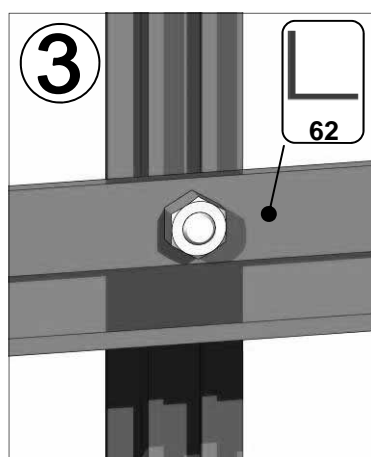
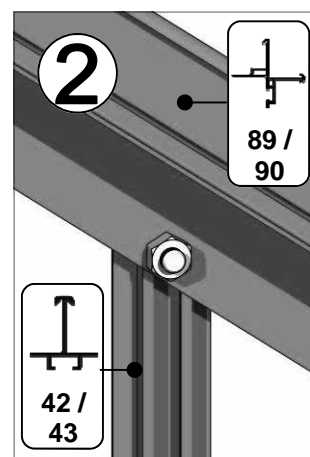
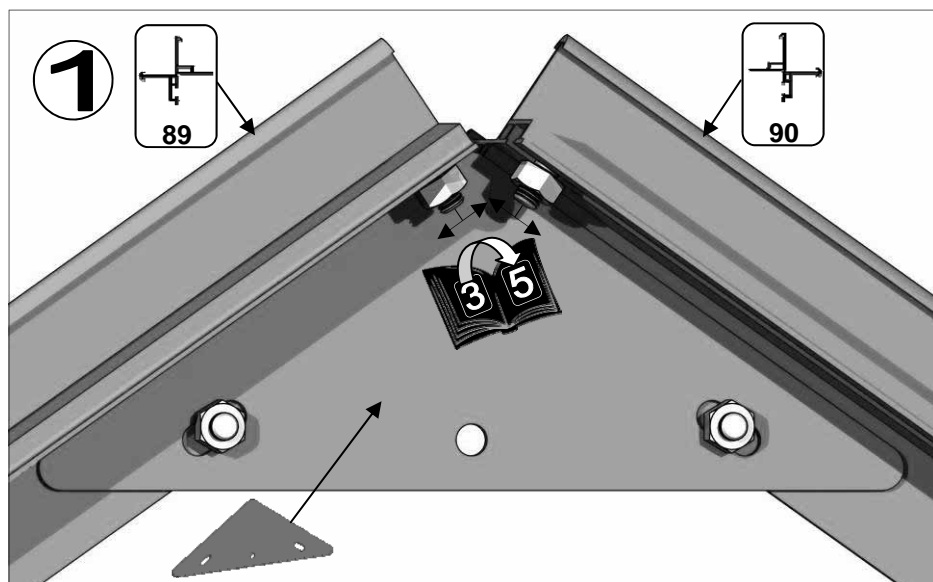
2

3	Part No	SY042 / SY043	SY089 / SY090	SY076 / SY077	SY063	SY059	SY048	SY062	SY200	SY201	SYBOL M6X11	SYNUT M6
	Detail											
	Length 'mm'	1734	728	1504	1216	1236	1488	1216	N/A	N/A	10	N/A
	Quantity	1 + 1	1 + 1	1 + 1	1	1	2	1	2	1	30	30



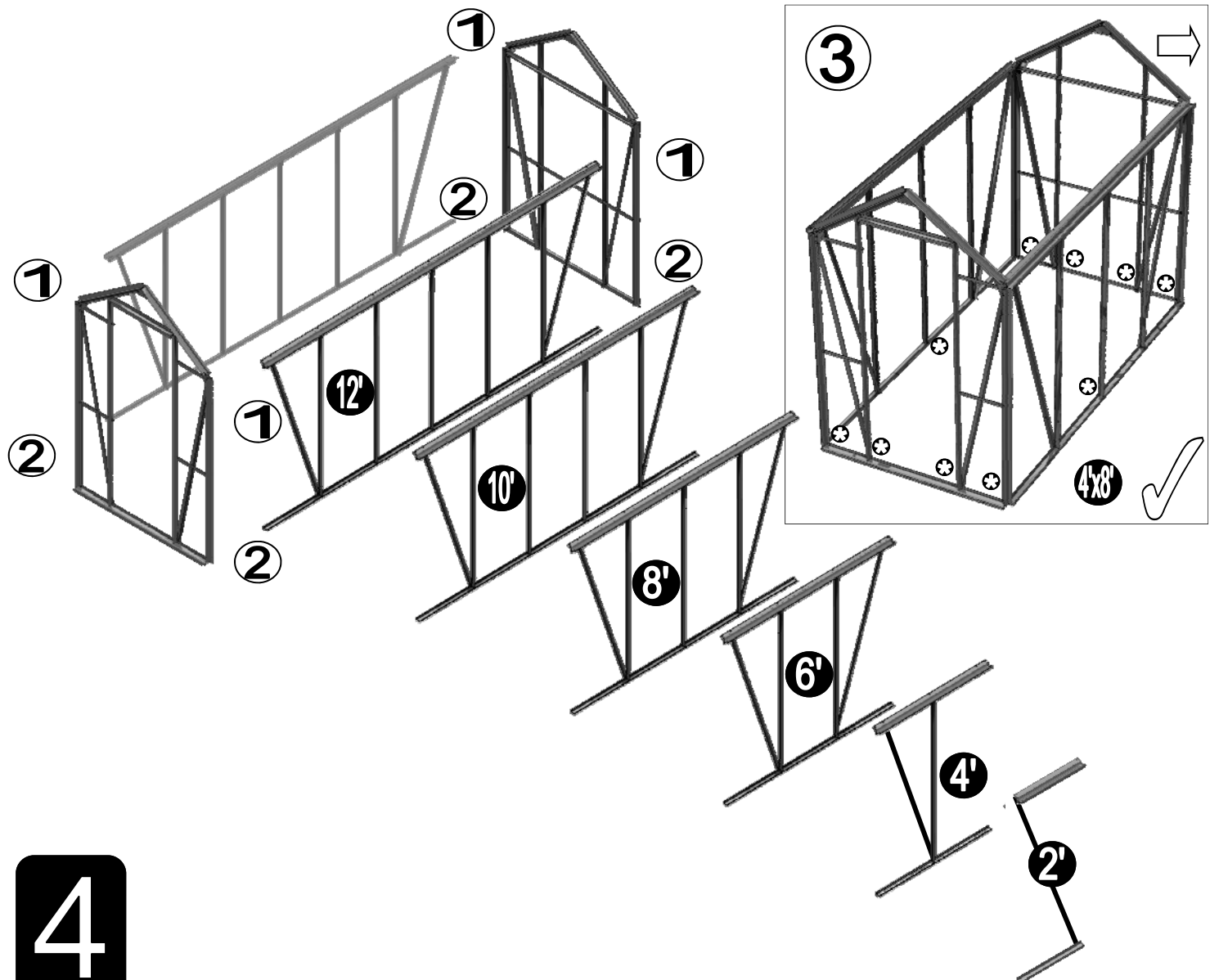
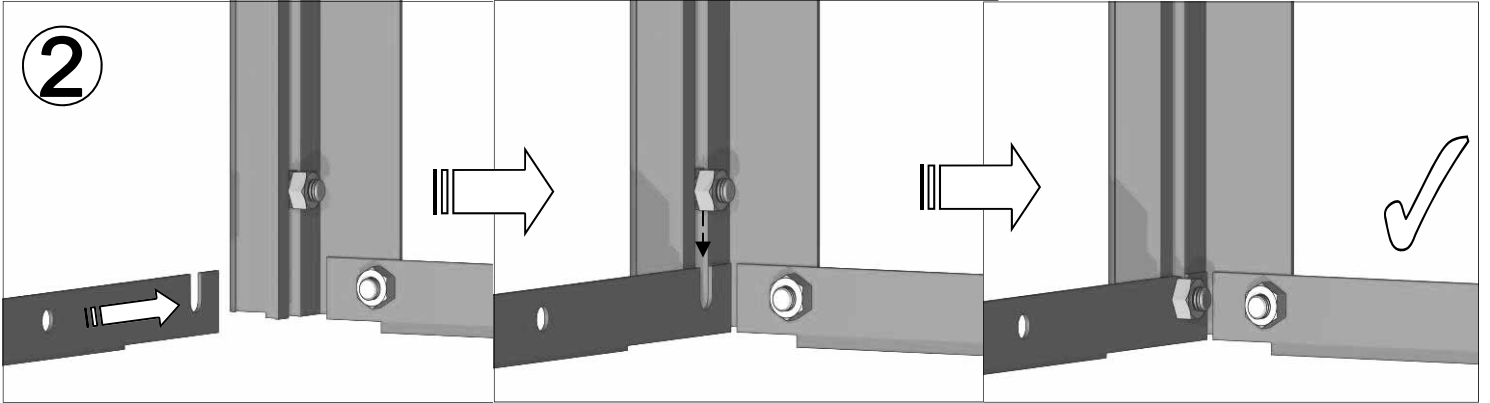
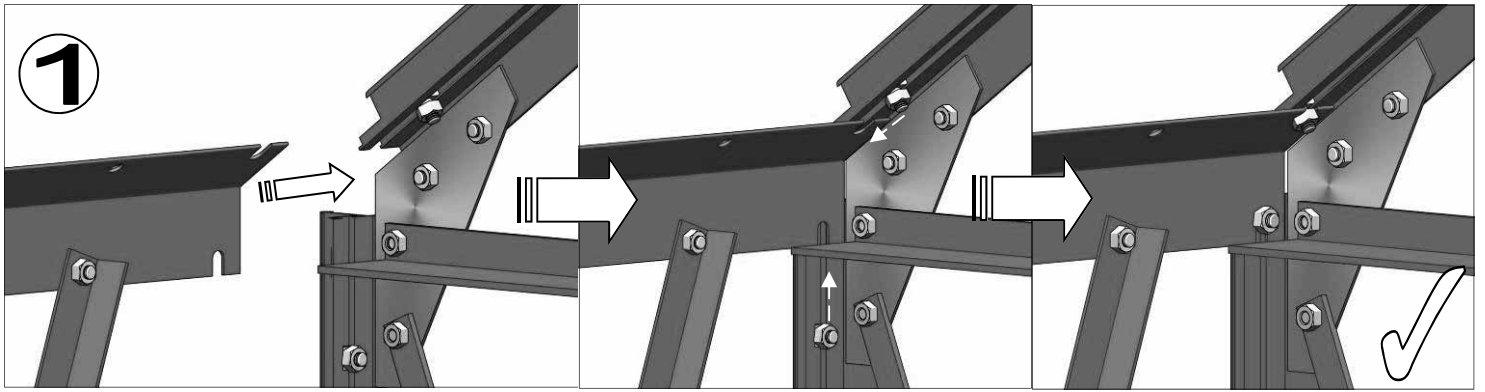
ALL VIEWS
INTERNAL

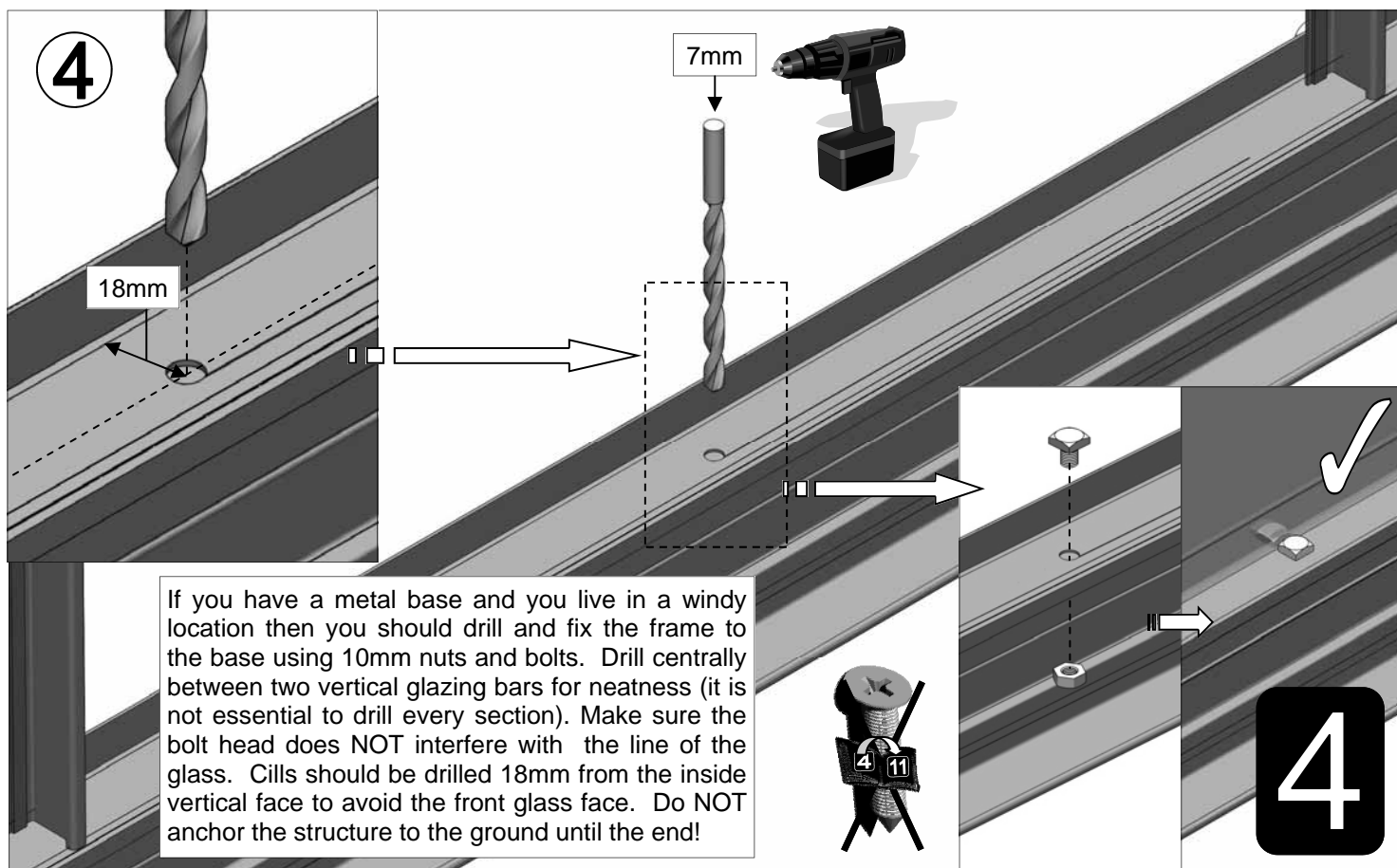
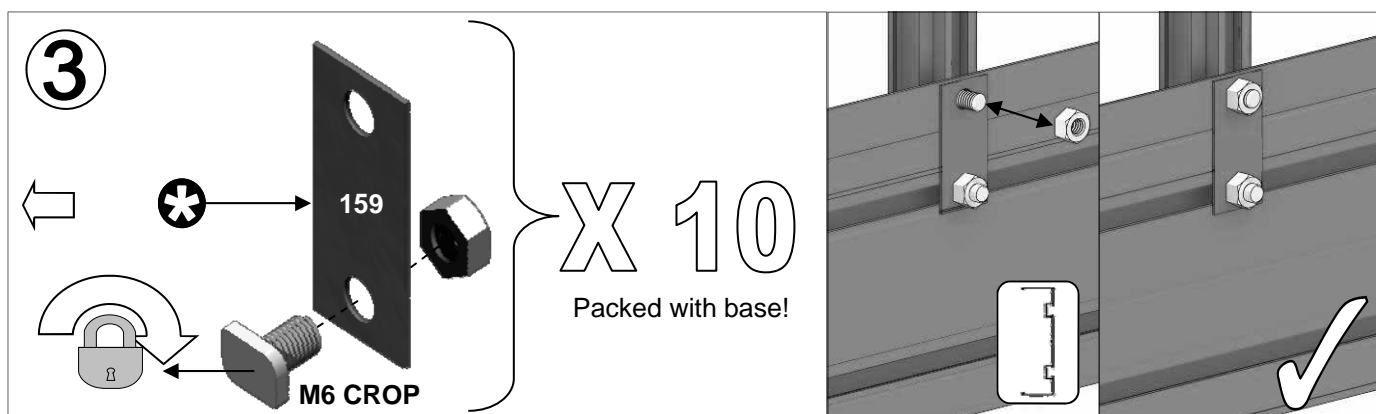
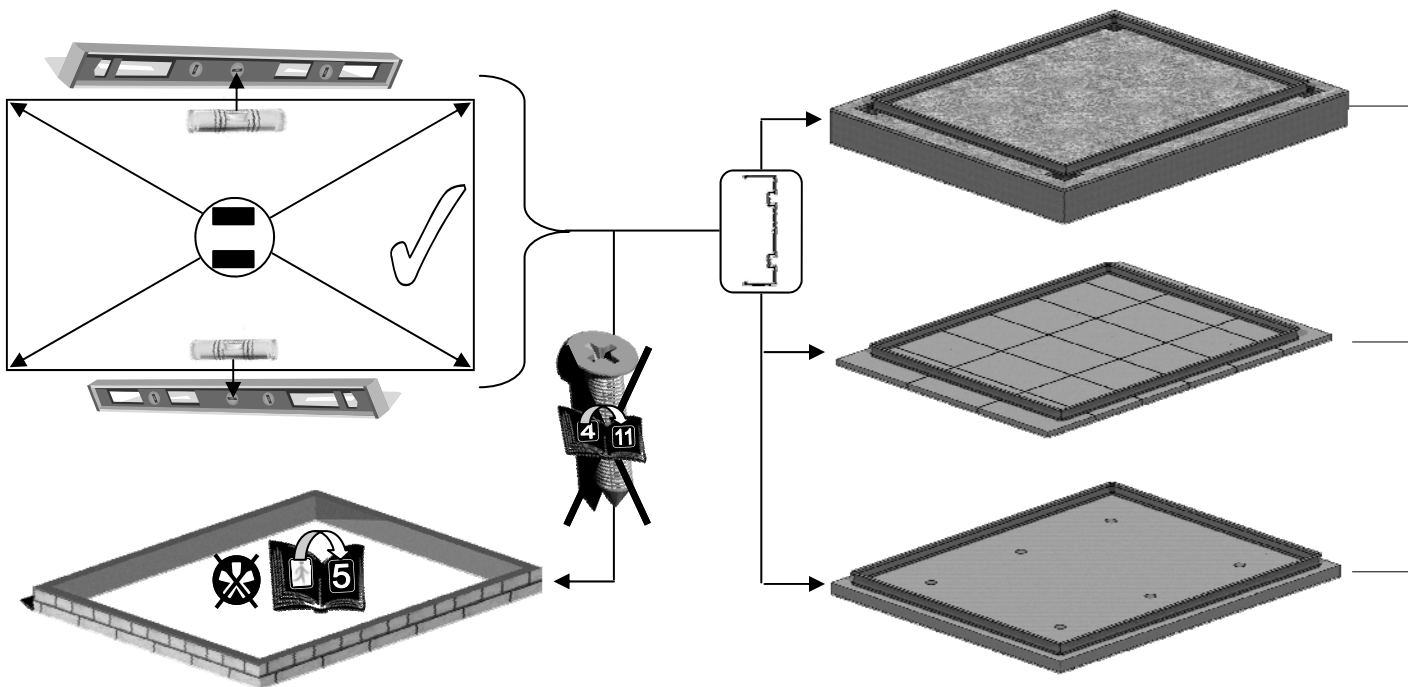
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ALL VIEWS
INTERNAL

3

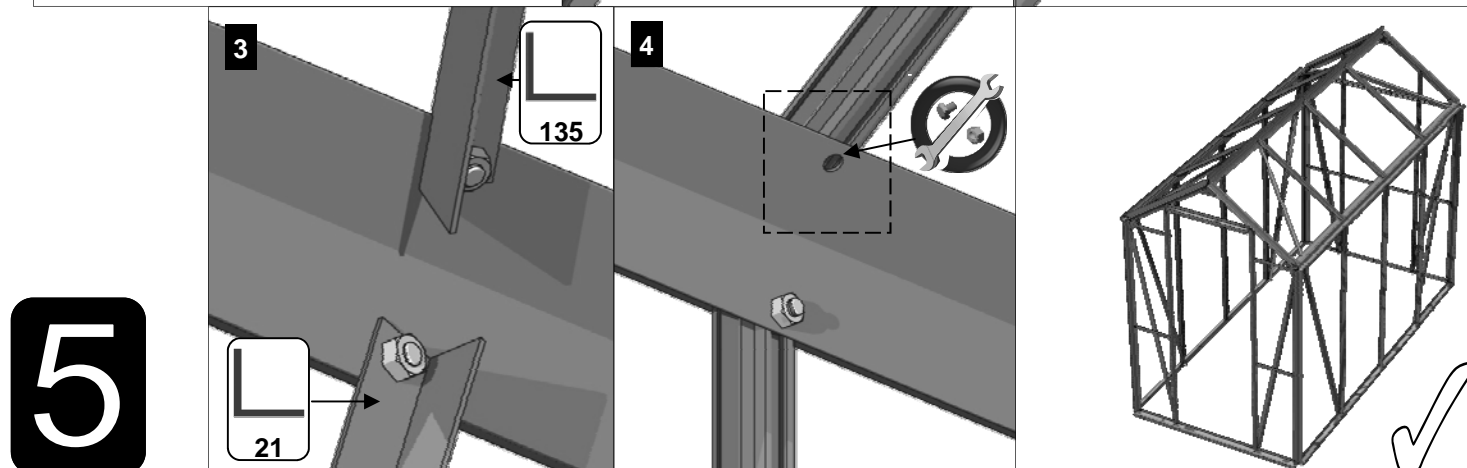
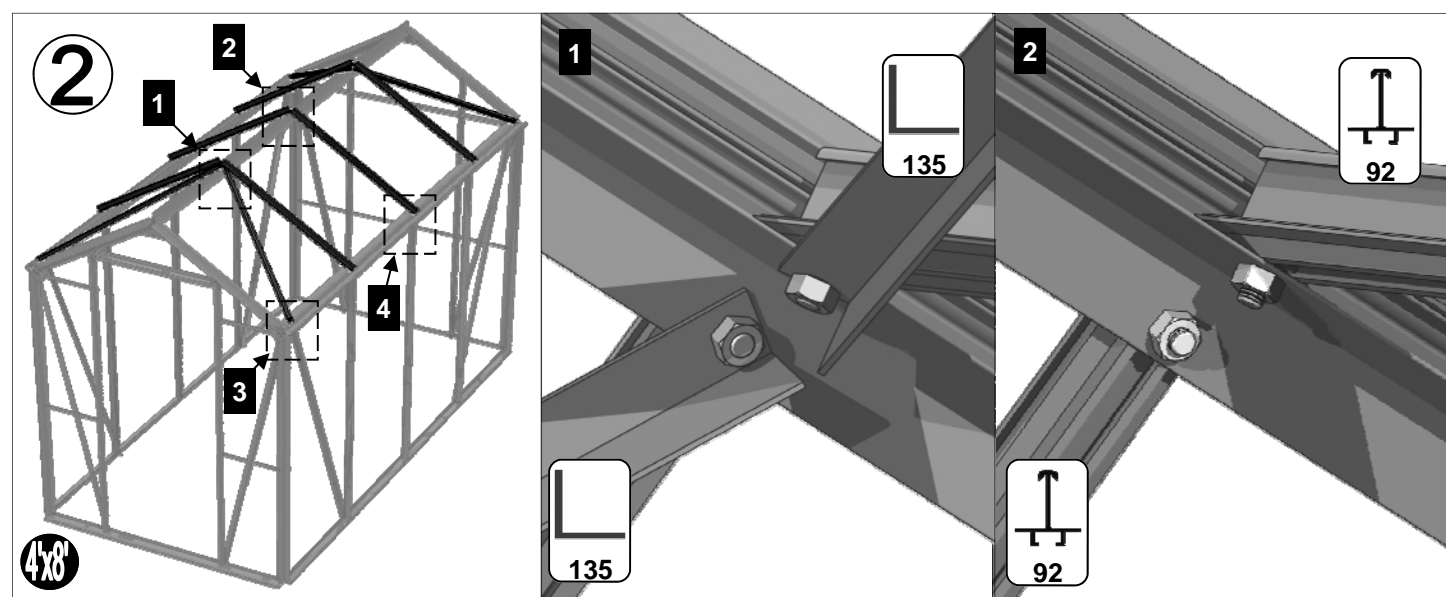
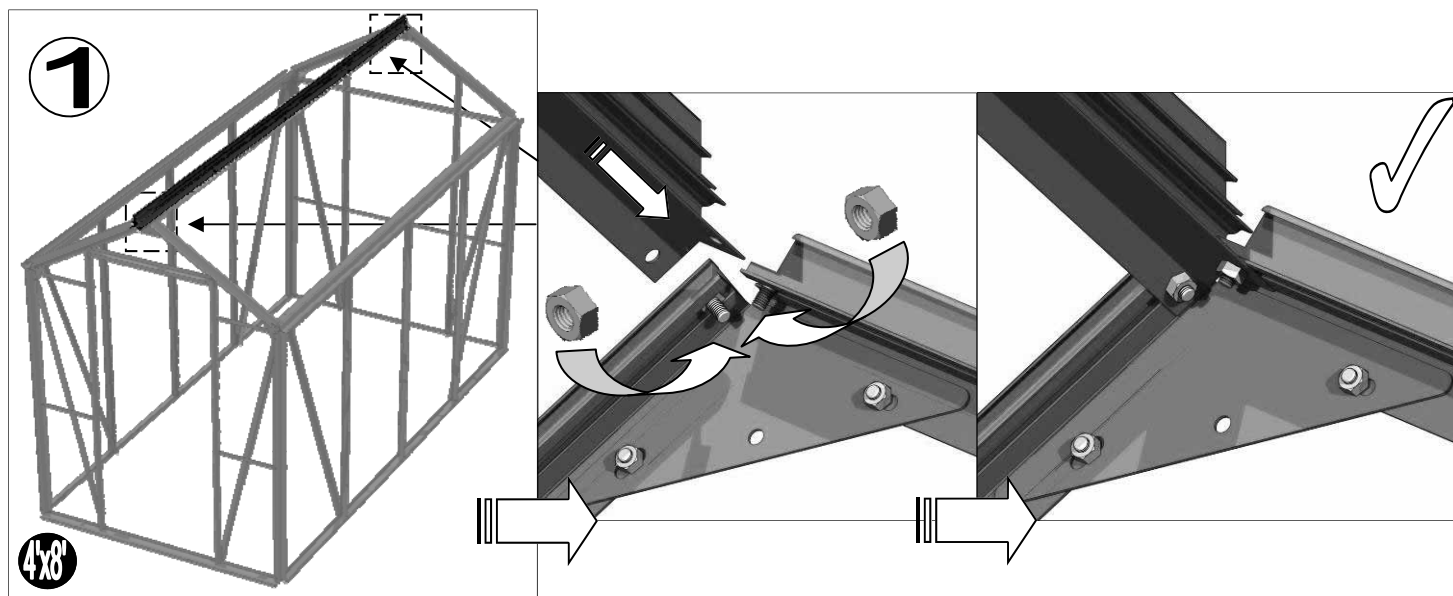




2'	Part No	mm	Quantity
	88	620	1
	92	741	0
	81	618	1
	135	894	0

4'	Part No	mm	Quantity
	57	1240	1
	92	741	2
	85	628	1
	135	891	2

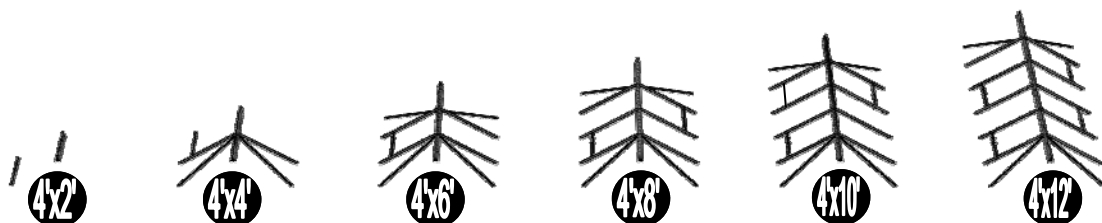
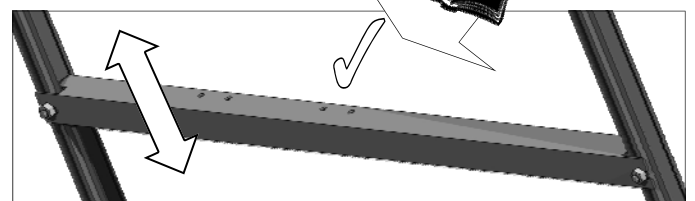
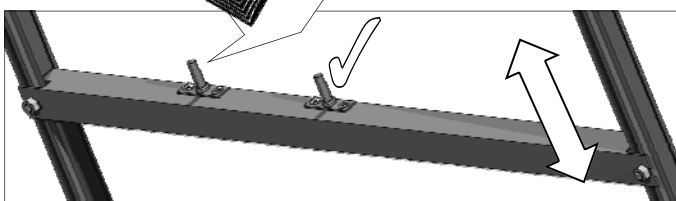
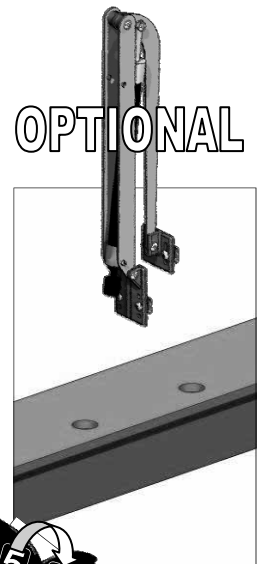
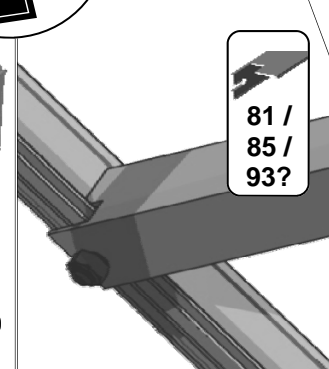
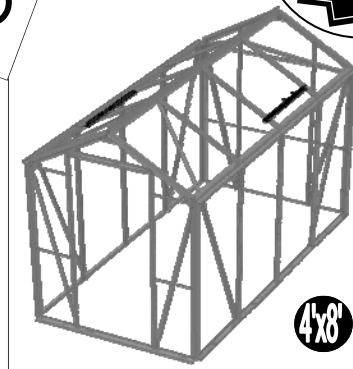
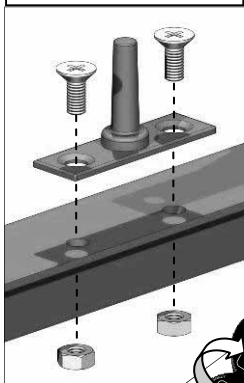
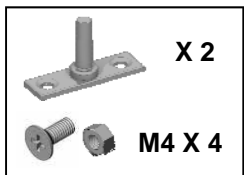
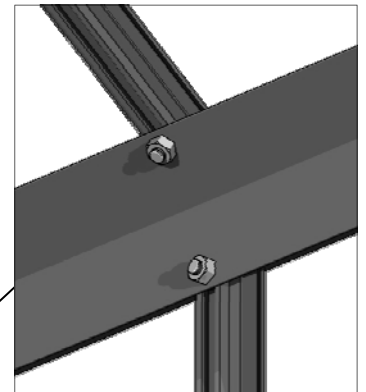
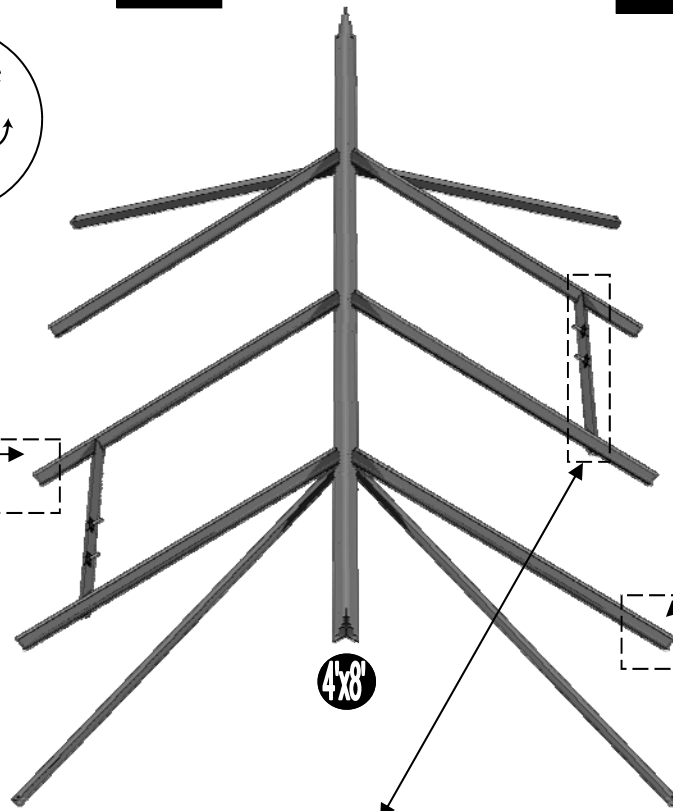
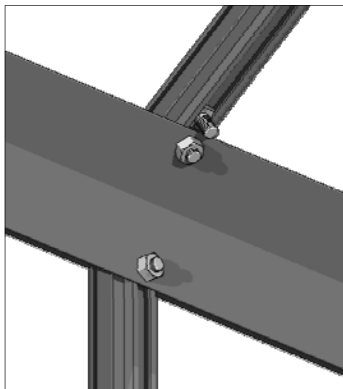
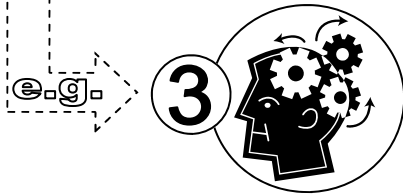
6'	Part No	mm	Quantity
	26	1860	1
	92	741	4
	93	636	1
	135	891	4

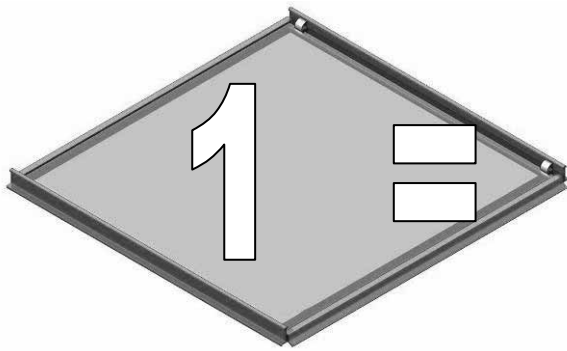


8'	Part No	mm	Quantity
	12	2480	1
	92	741	6
	93	636	2
	135	891	4

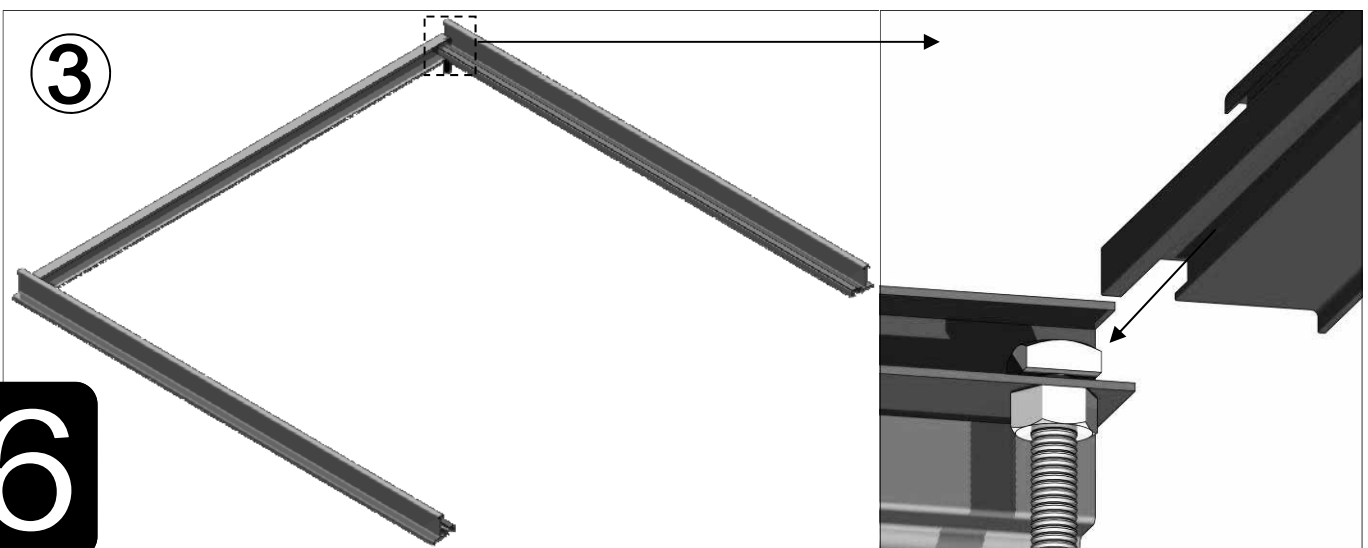
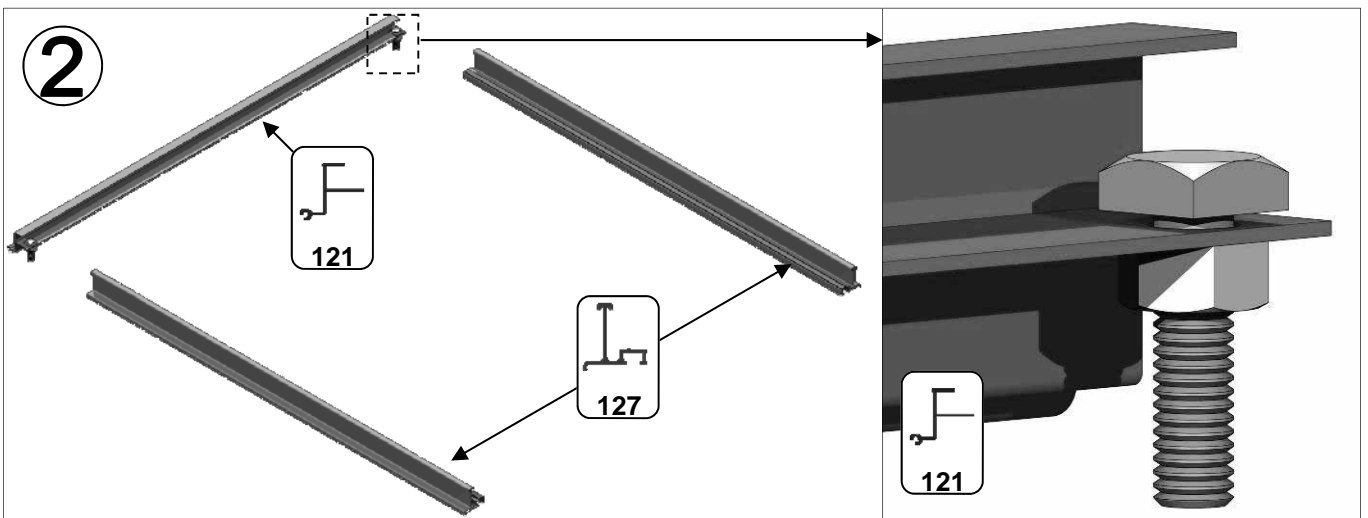
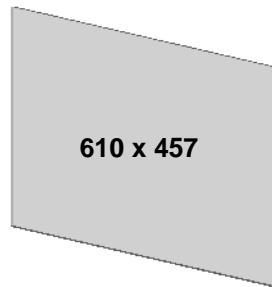
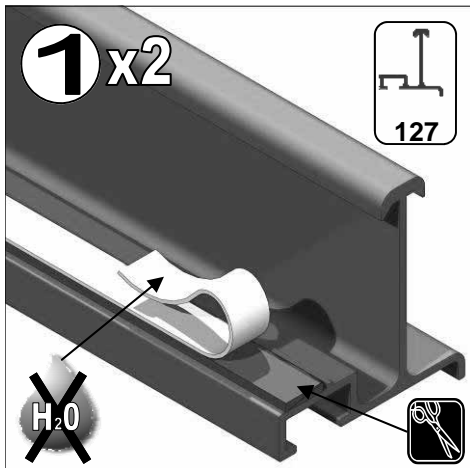
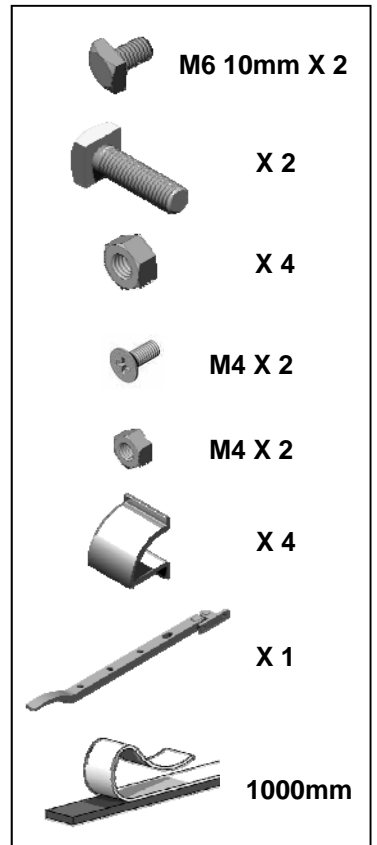
10'	Part No	mm	Quantity
	6	3100	1
	92	741	8
	93	636	3
	135	891	4

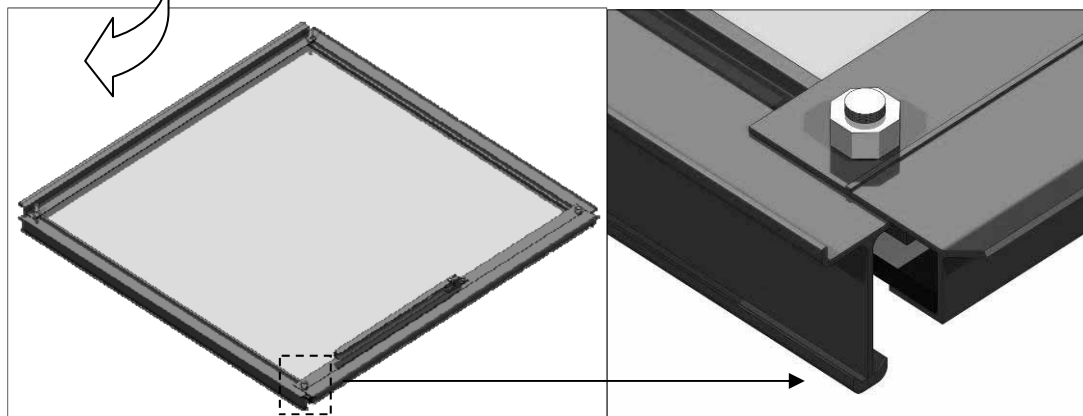
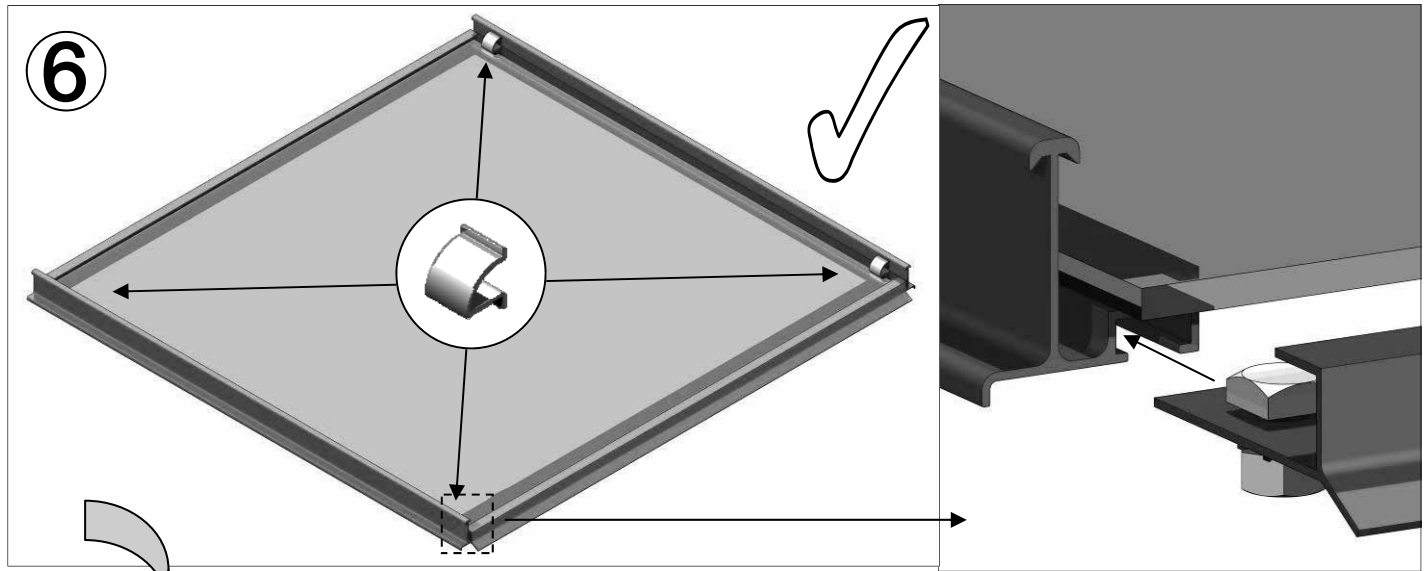
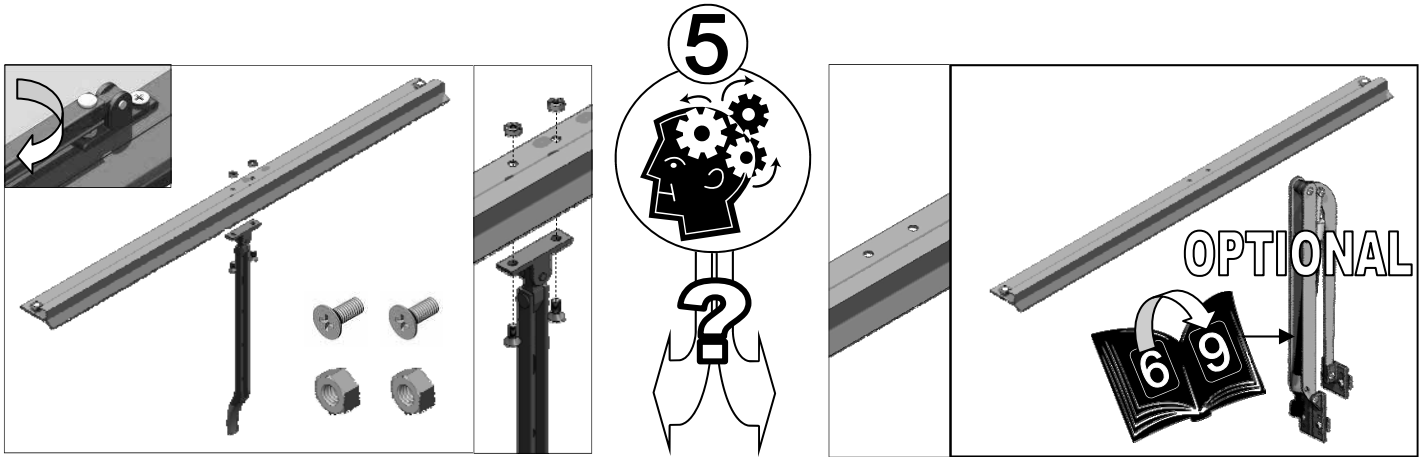
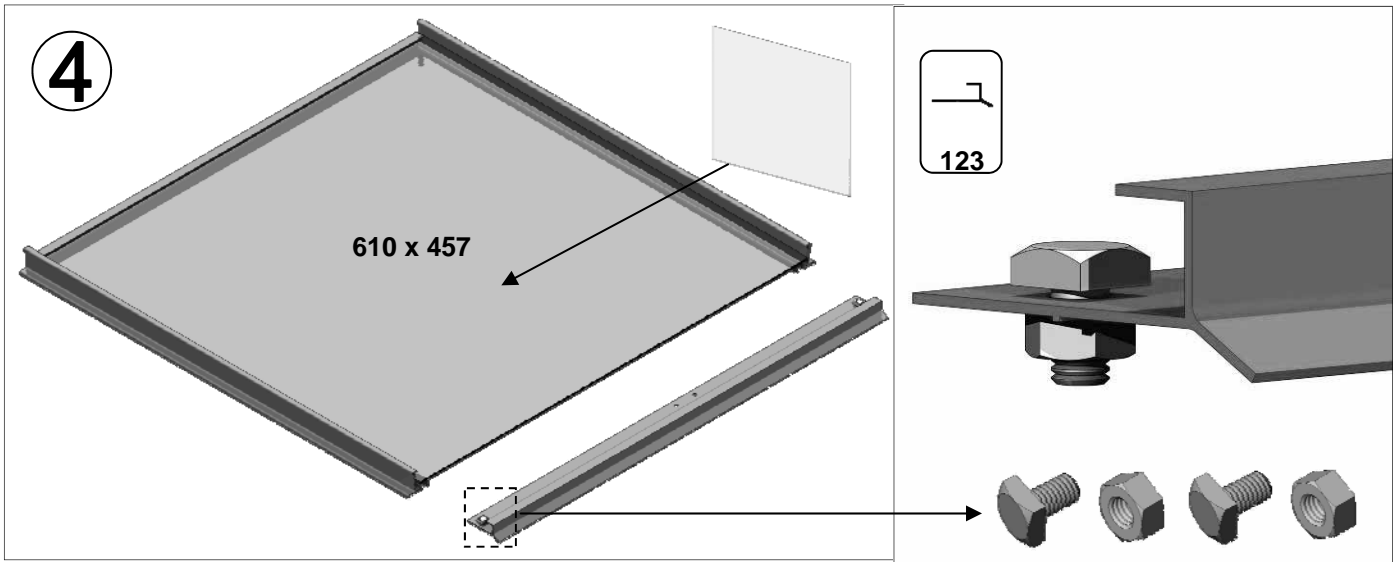
12'	Part No	mm	Quantity
	2	3720	1
	92	741	10
	93	636	4
	135	891	4





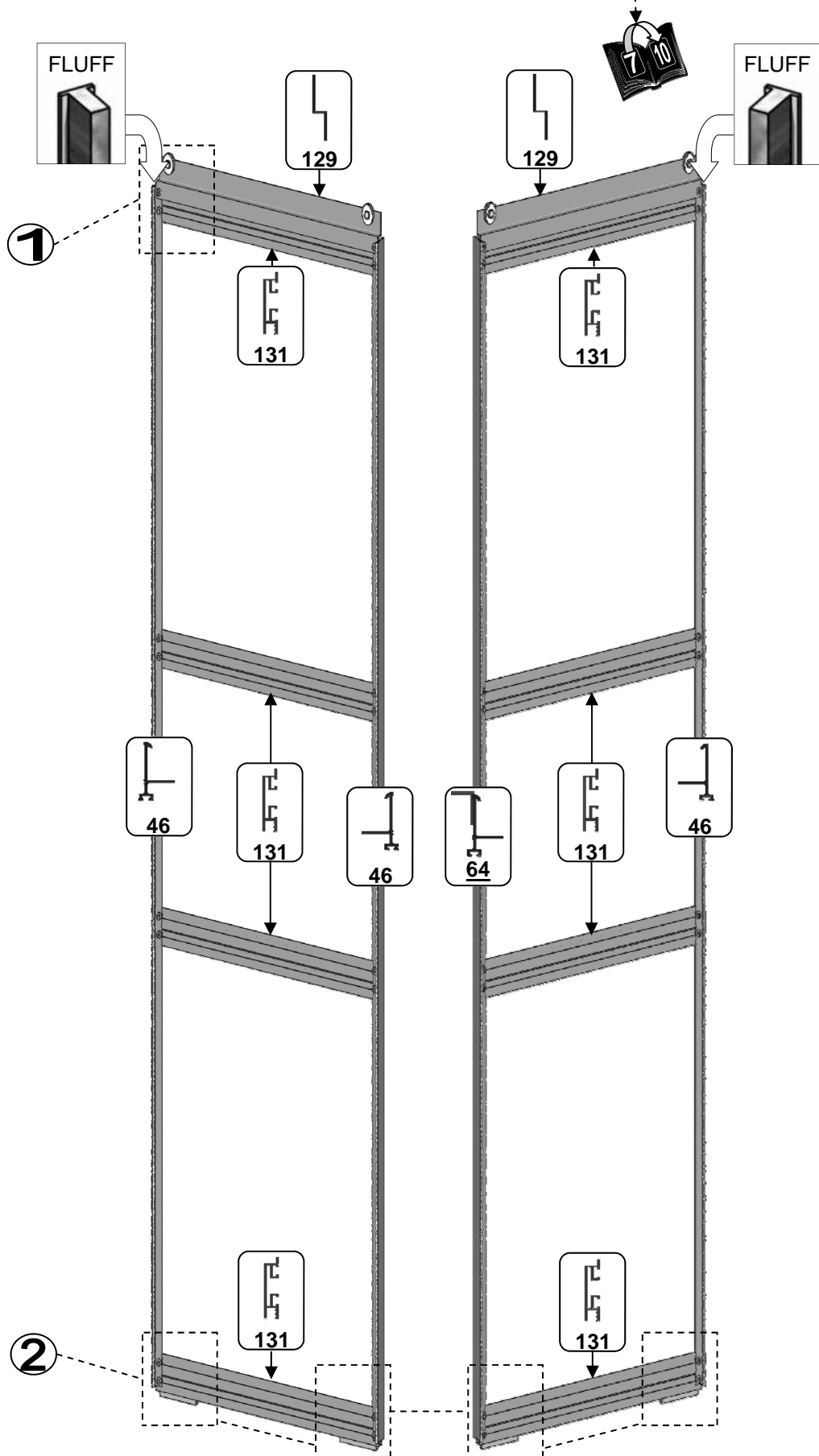
Part No	mm	Quantity
121	619	1
123	612	1
127	457	2





6

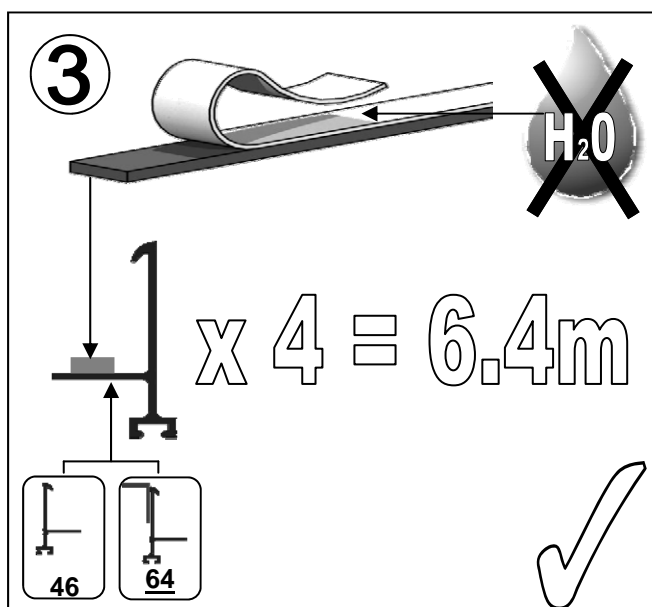
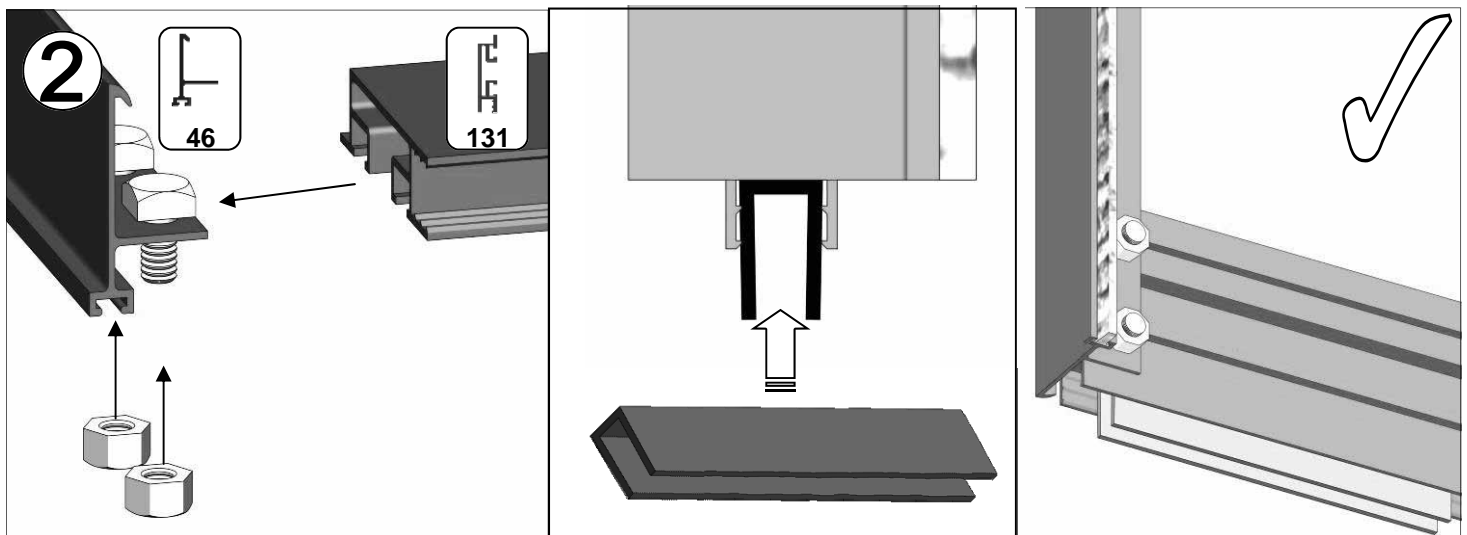
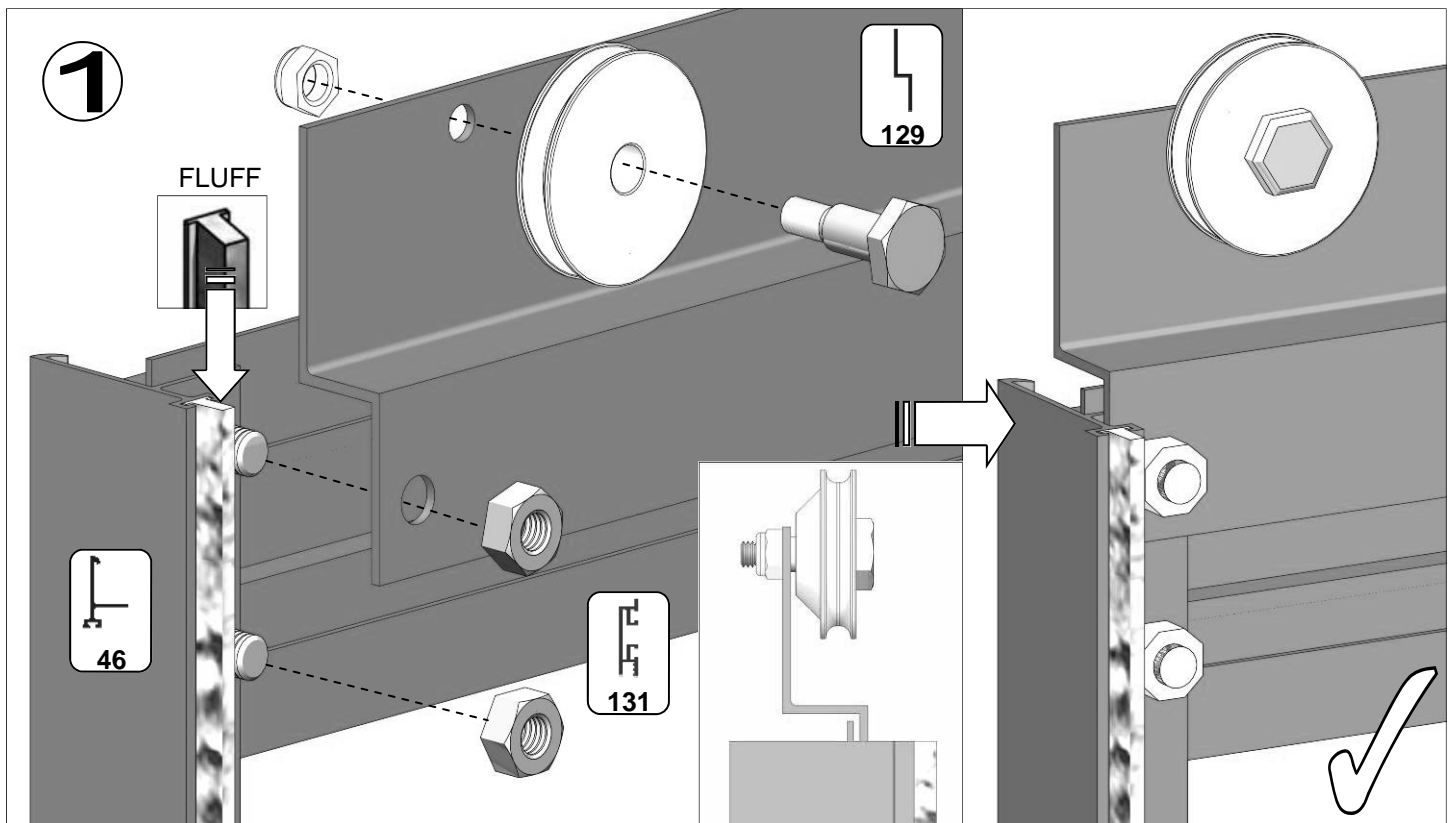
7	Part No	SY 129	SY 131	SY 046	SY 064	SY DOOR GLIDE	SY WHEEL	SY BOL DOOR	SY NUT DOOR	SY DOOR STOP	SY FOAM	SY DRA	SYBOL M6X11	SYNUT M6
	Detail													
	Length 'mm'	299	304	1605	1605	100 (PLASTIC)	N/A	N/A	N/A	N/A	6400 (FOAM)	4000 (FLUFF)	10	N/A
	Quantity	2	8	3	1	4	4	4	4	2	1	1	32	32



ALL VIEWS
INTERNAL

7

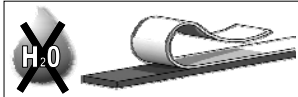
2



Glazing tips for sections 7 & 8:

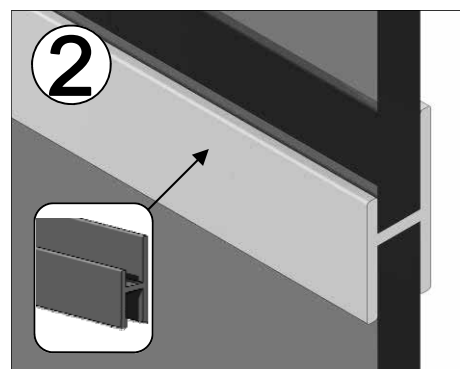
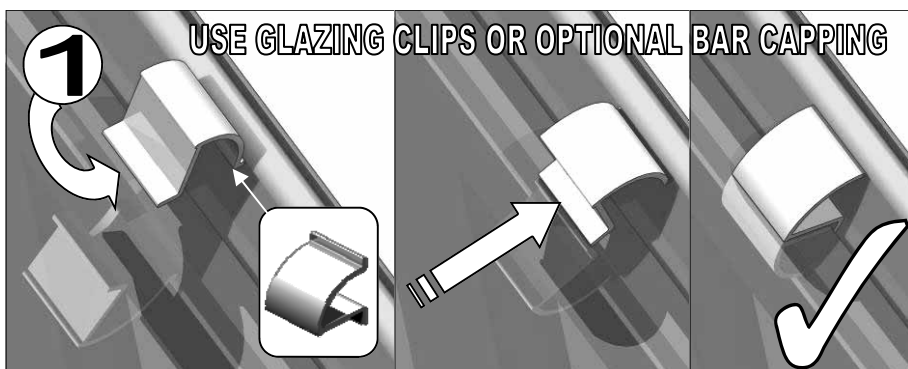
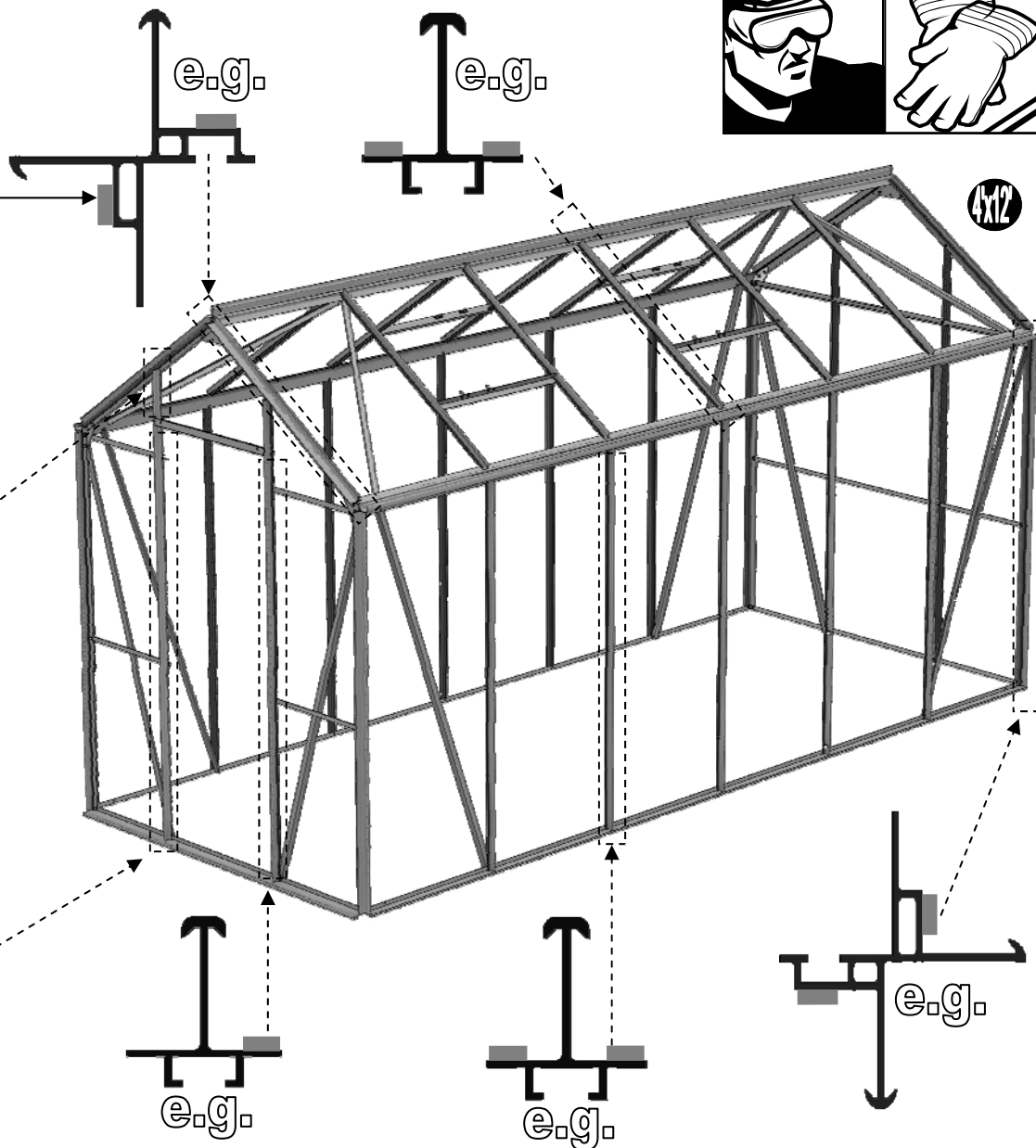
- The foam (see left) goes longitudinally in three sections on each door stile and all over the greenhouse frame, see overleaf, including the roof corner bars. It never goes horizontally, the glass just sits directly onto the aluminium cills in the sides.
- Remove the white paper on the foam before it 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.
- The draft excluder fluff only goes in the outer door stiles.

7

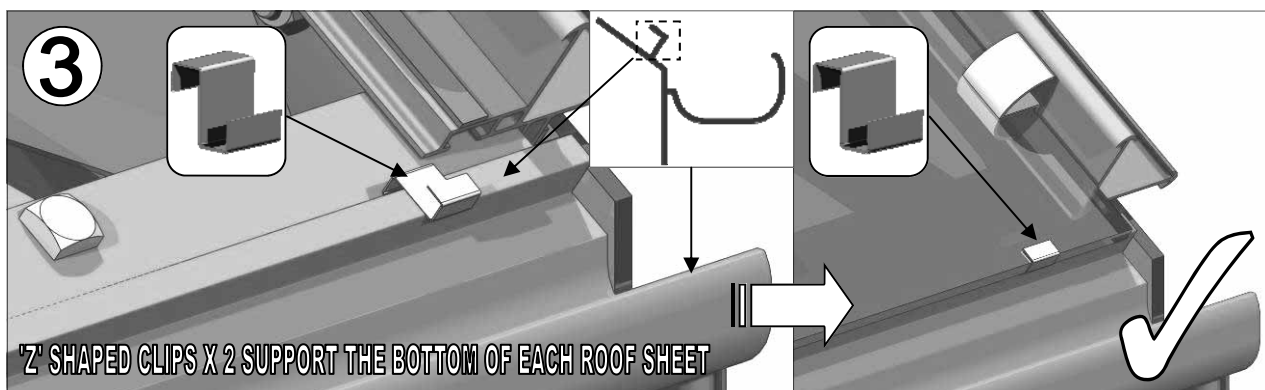


The adhesive foam (SYFOAM) goes longitudinally over the greenhouse frame, see examples to the right. It never goes horizontally, the glass just sits directly onto the aluminium cills in the sides.

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.



8



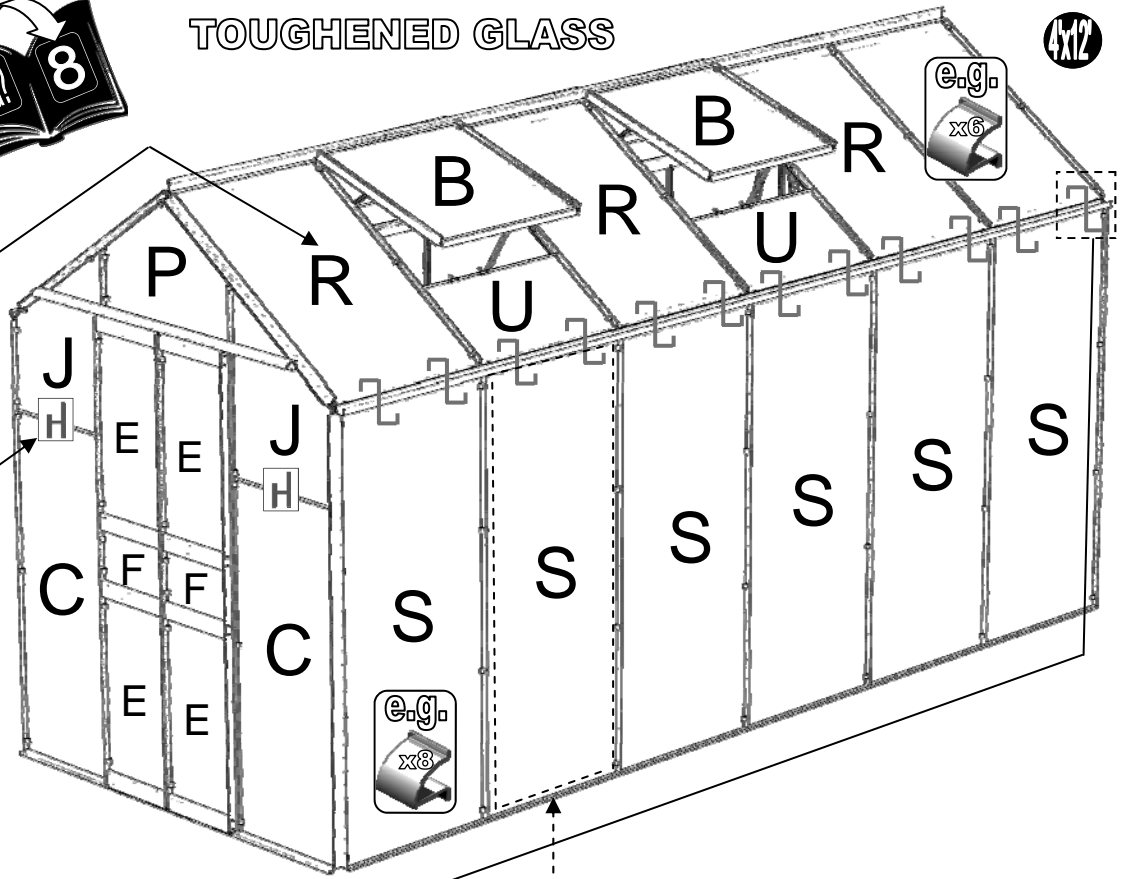
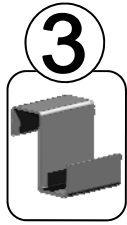
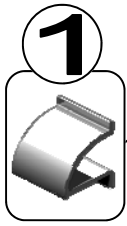


TOUGHENED GLASS

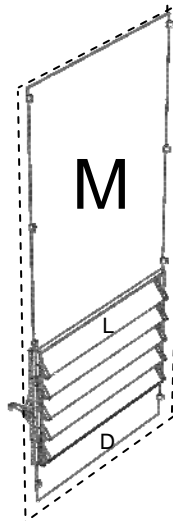
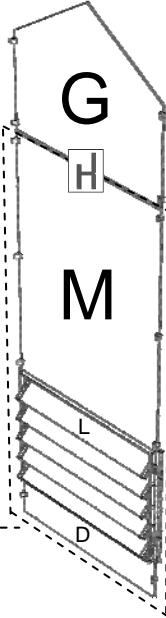
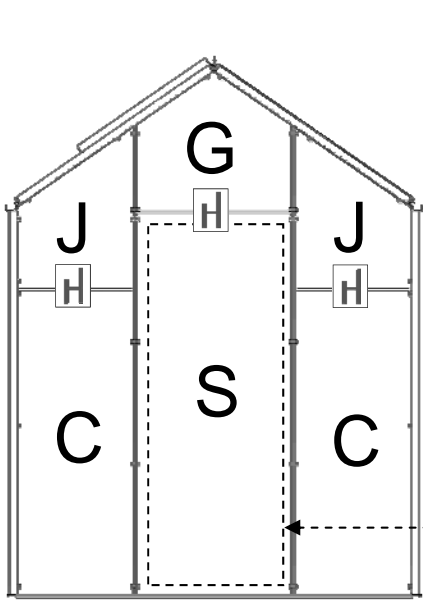
4x12

e.g. x6

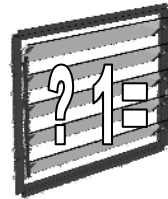
e.g. x8



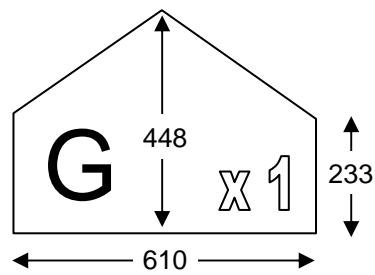
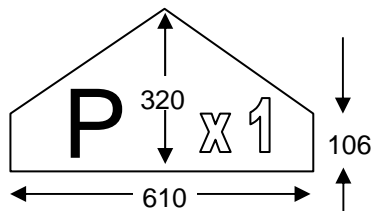
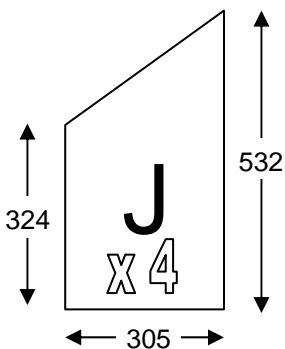
	Size (mm)	2'	4'	6'	8'	10'	12'
S	610 X 1500	3	5	7	9	11	13
R	610 x 759	1	3	5	6	7	8
B	610 x 457	1	1	1	2	3	4
U	610 x 312	1	1	1	2	3	4
C	305 x 1197	4					
E	295 x 610	4					
F	298 x 205	2					
H	610mm	3					



LOUVRE MUST GO BACK CENTRE ON 4X2 AND 4X4 MODELS



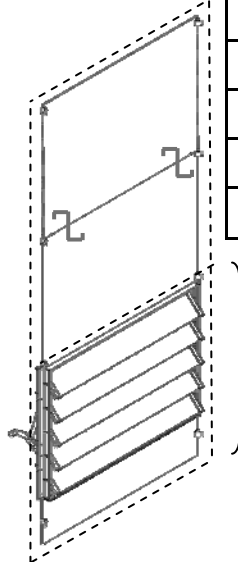
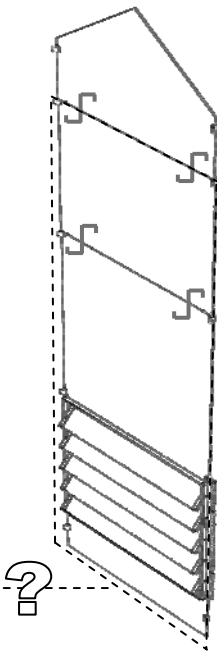
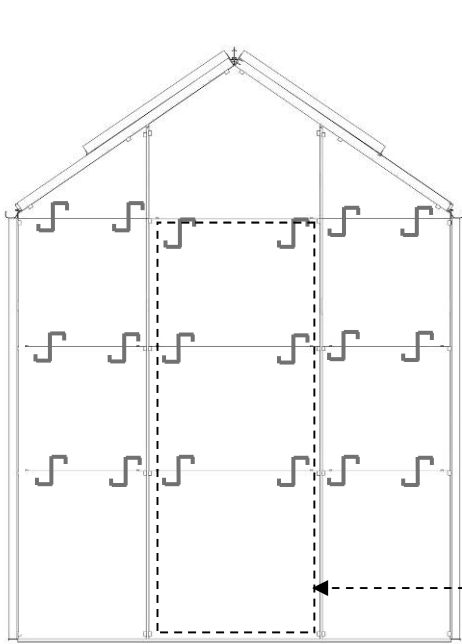
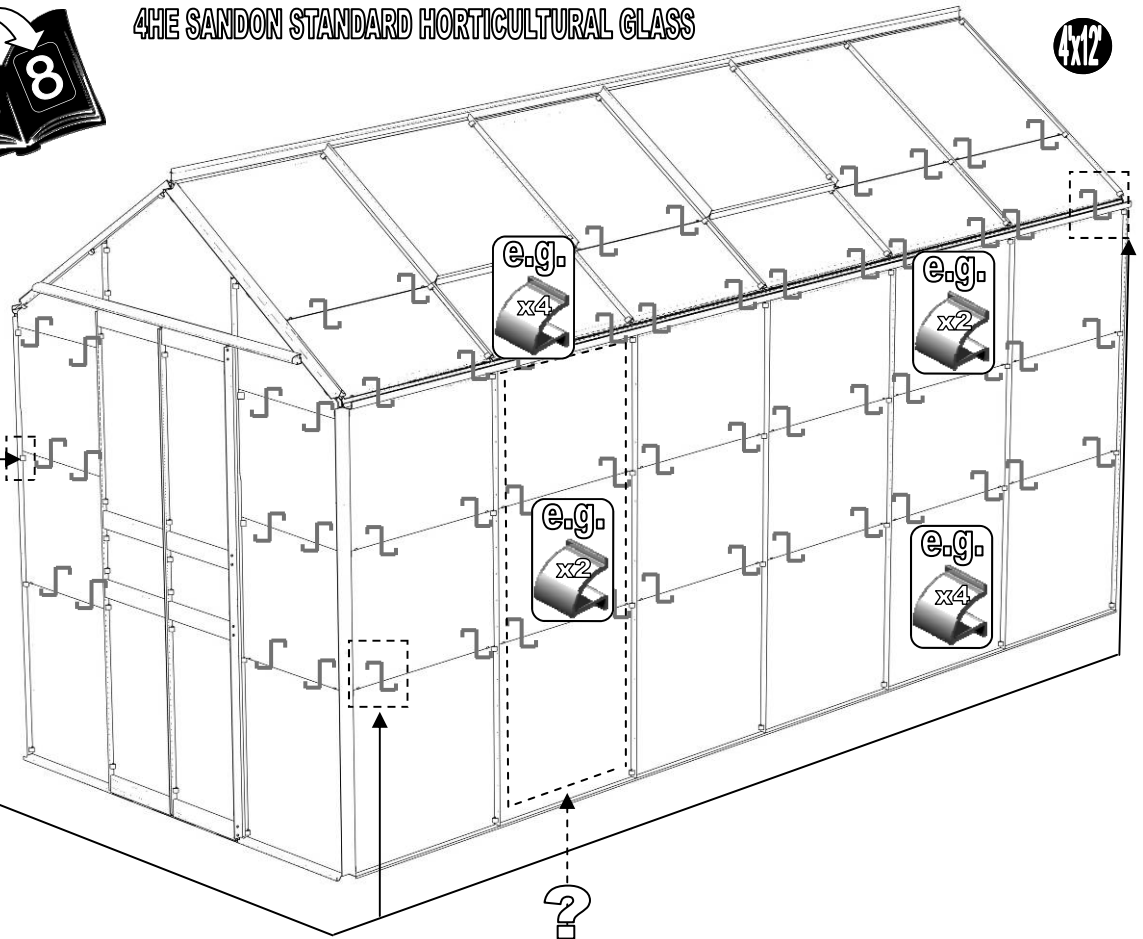
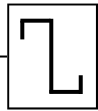
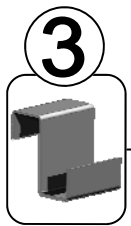
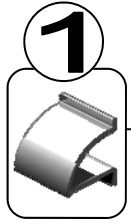
M	610 x 904	1
D	610 x 153	1
L	573 x 100	5



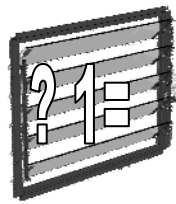


4HE SANDON STANDARD HORTICULTURAL GLASS

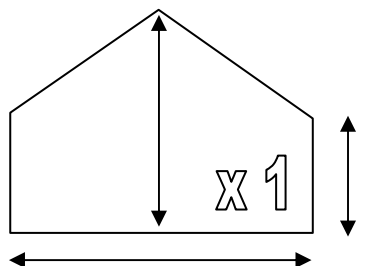
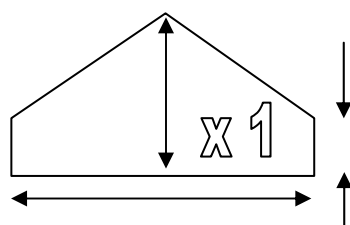
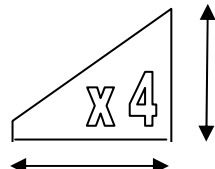
4x12

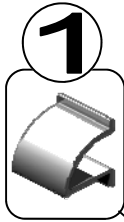
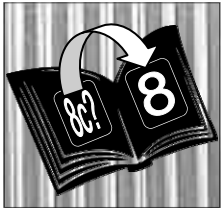


	Size (mm)	2'	4'	6'	8'	10'	12'
A	610 X 610	3	5	7	9	11	13
B	610 X 457	8	14	20	26	32	38
U	610 X 312	2	4	6	8	10	12
G	610 X 305	4					
D	457 X 305	8					
E	298 x 610	4					
F	298 x 205	2					



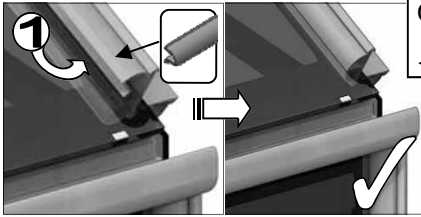
D	610 x 153	1
L	573 x 100	5



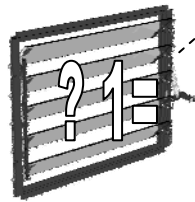
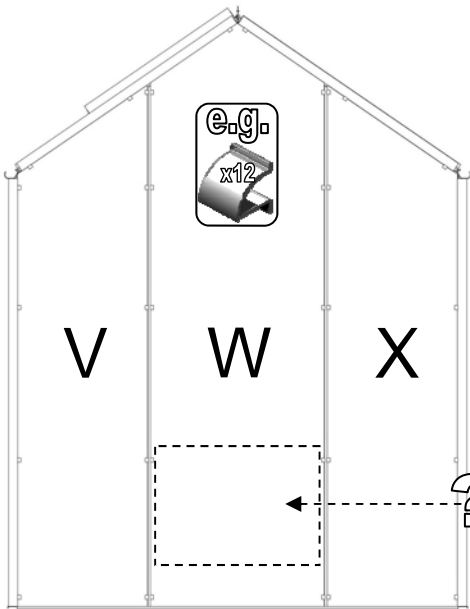
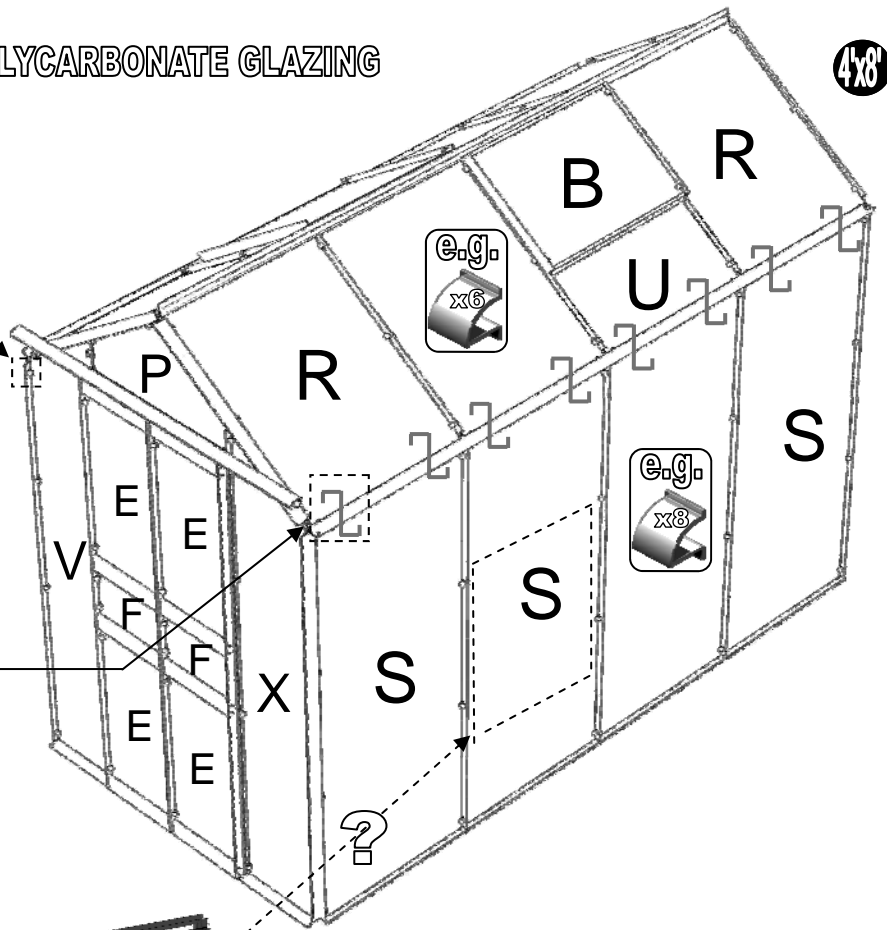
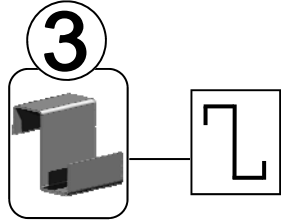


POLYCARBONATE GLAZING

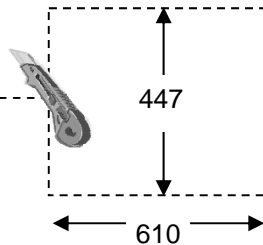
4'x8'



Or optional capping?

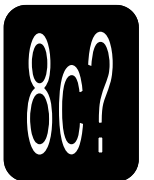
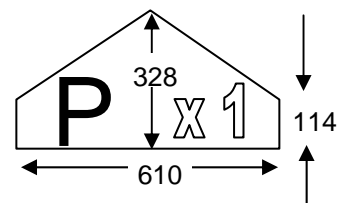
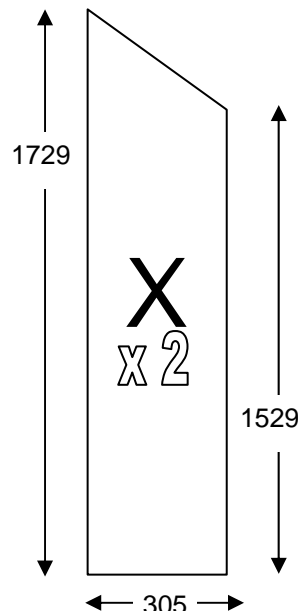
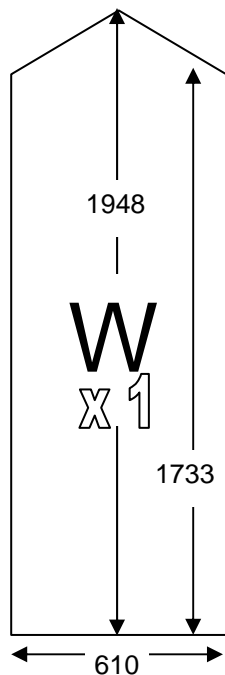
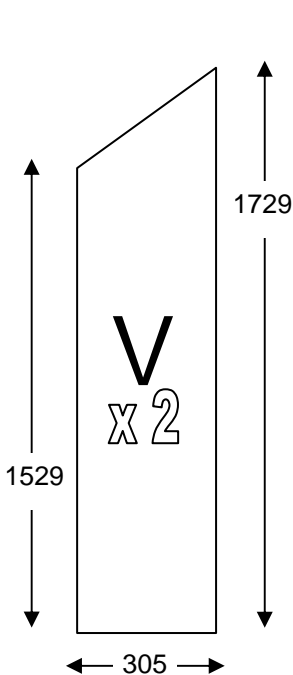


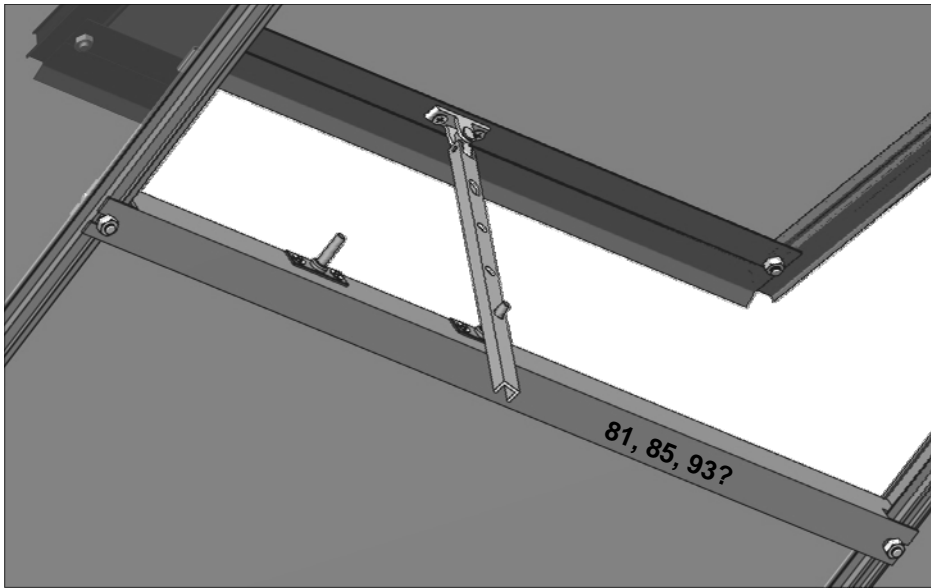
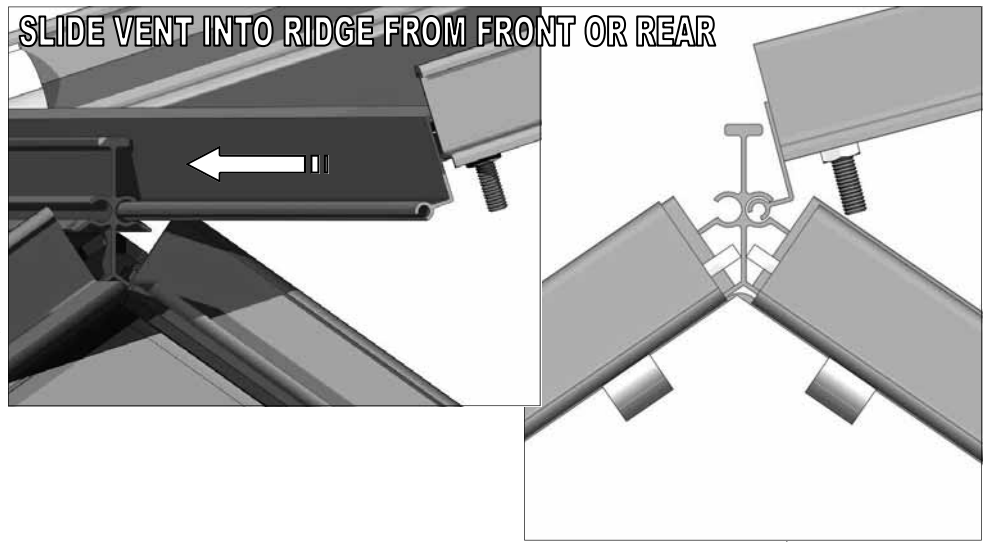
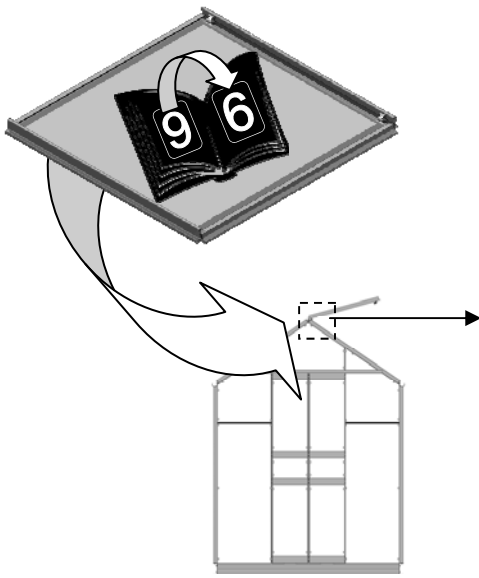
L	573 x 100	5
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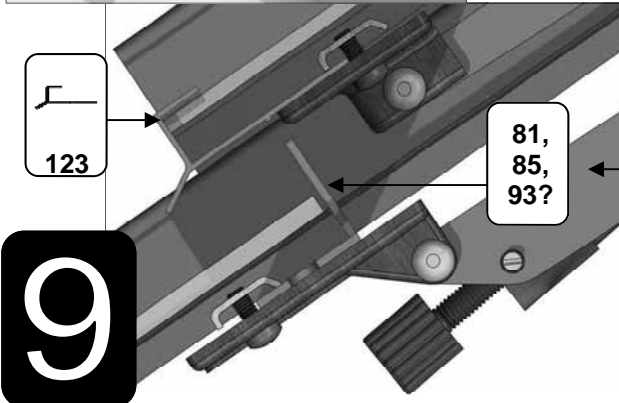
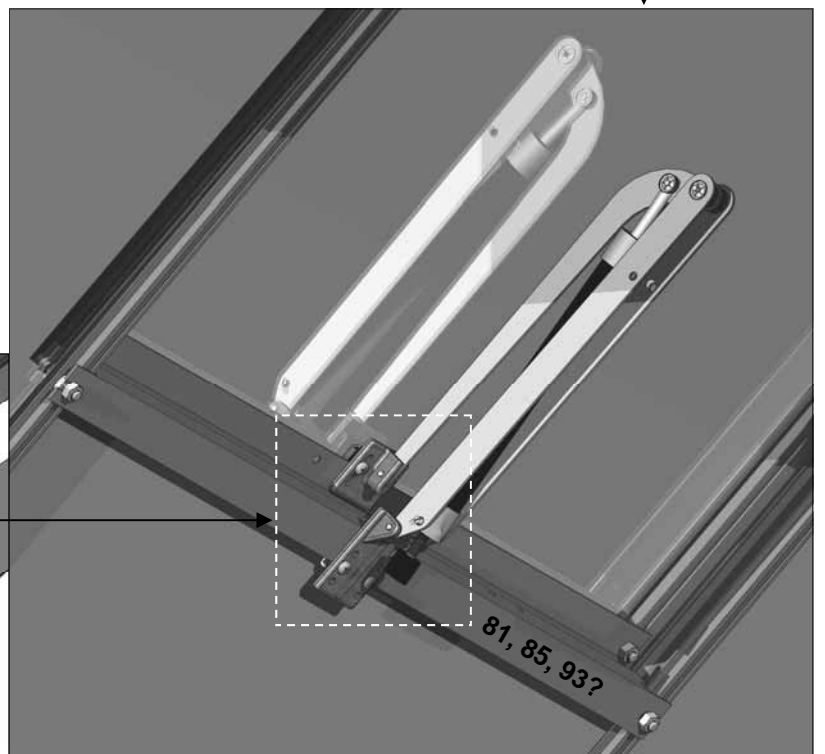
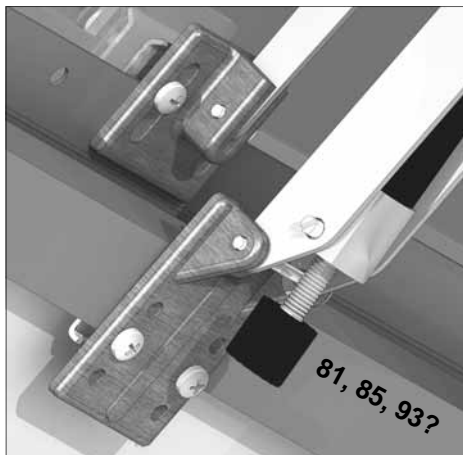
	Size (mm)	2'	4'	6'	8'	10'	12'
S	610 X 1504	2	4	6	8	10	12
R	610 x 759	1	3	5	6	7	8
B	610 x 457	1	1	1	2	3	4
U	610 x 312	1	1	1	2	3	4
E	295 x 610	4					
F	298 x 205	2					

LOUVRE MUST GO BACK CENTRE
ON 4X2 AND 4X4 MODELS






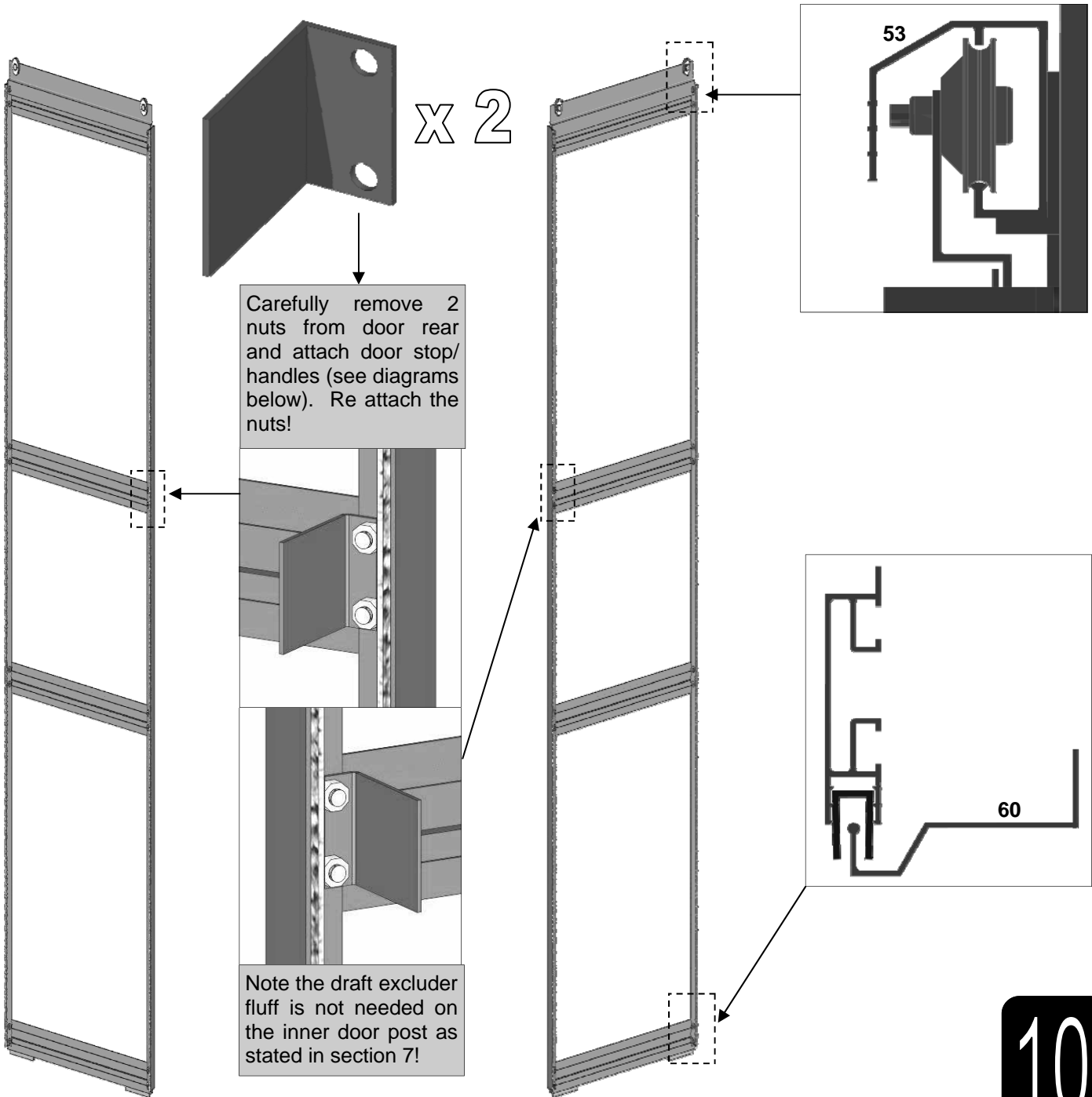
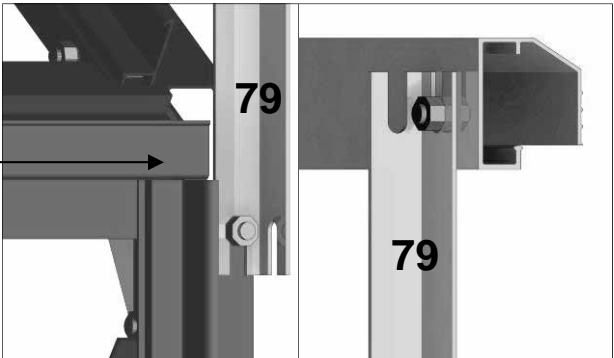
OPTIONAL

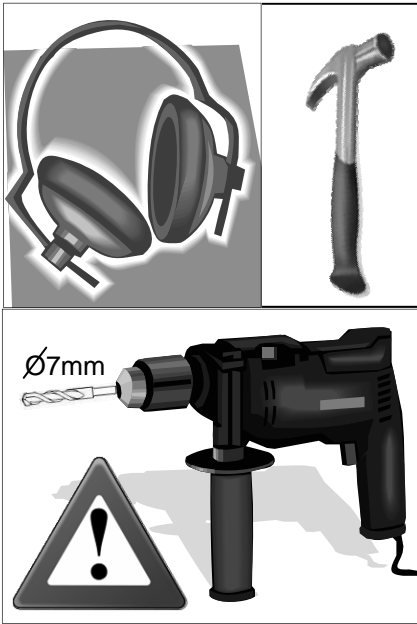
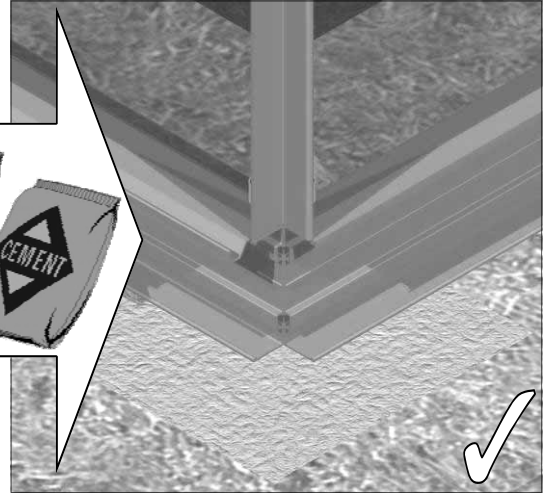
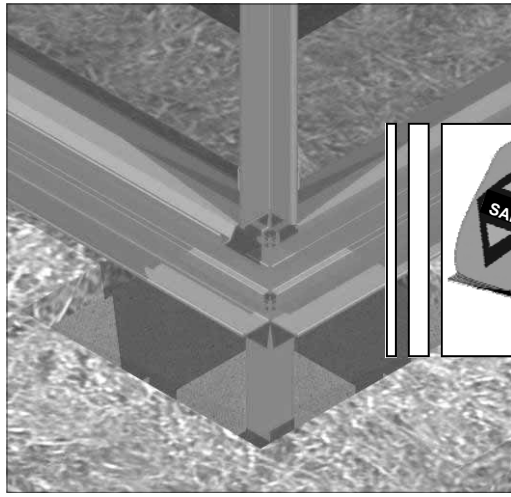


Attach upper door track 53 to the two bolts left ready in section 2 with nuts (position 53 vertically and push it through the central section between the two glaze bars. Twist 53 so that the slots in the mounting bar are facing upwards). Slide doors into upper track (53) and lower track (60), adjust the height of 53 until the door is running smoothly leaving enough room for the pane of glass above.

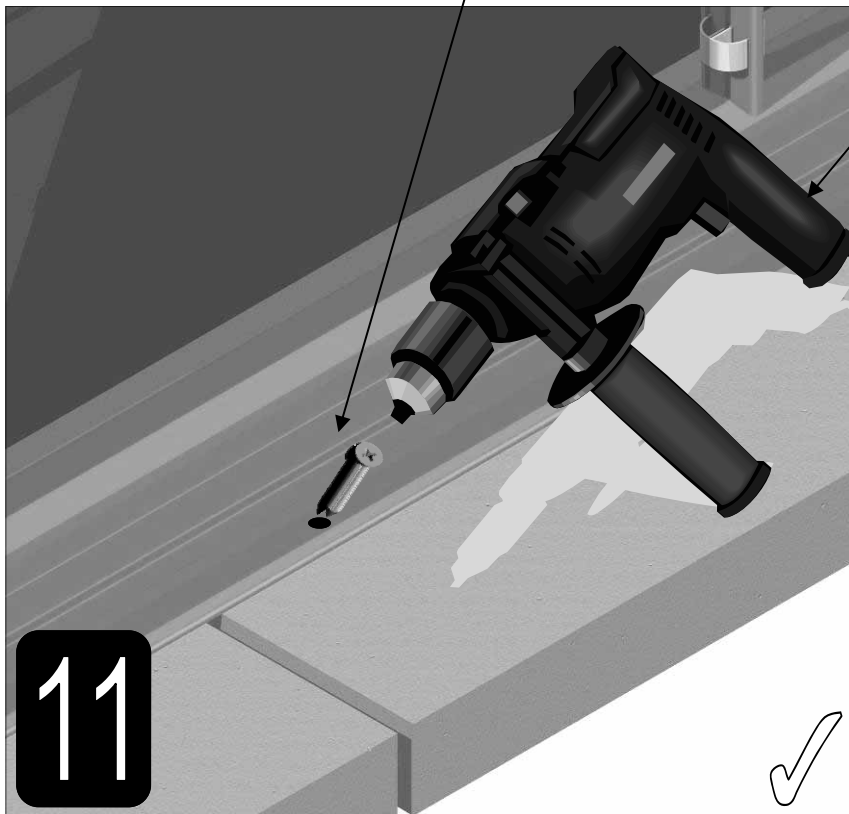
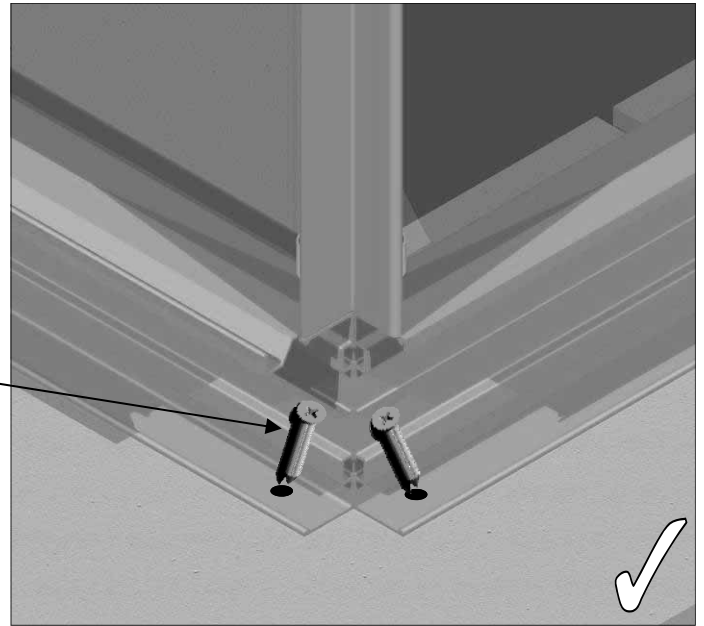


53		1284	1
79	Door track Support Brackets!	168	2





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.



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.

4 ft packing list

No	mm	2'	4'	6'	8'	10'	12'
1	3720						2
2	3720						1
3	3720						2
5	3100						
6	3100						
8	3100						
12	2480				1		
14	2480				2		
17	2480				2		
21	1586	2	2	4	4	4	4
25	1860			2			
26	1860			1			
27	1860			2			
42	1730	2	2	2	2	2	2
43	1730	2	2	2	2	2	2
46	1605	3	3	3	3	3	3
47	1504	0	2	4	6	8	10
48	1488	4	4	4	4	4	4
53	1284	1	1	1	1	1	1
55	1240		2				
57	1240		1				
58	1240		2				
59	1236	1	1	1	1	1	1
60	1236	1	1	1	1	1	1
62	1216	1	1	1	1	1	1
63	1216	1	1	1	1	1	1

BOX PACKED BY

No	mm	2'	4'	6'	8'	10'	12'
64	1605	1	1	1	1	1	1
76	1504	2	2	2	2	2	2
77	1504	2	2	2	2	2	2
78	620	2					
79	168	2	2	2	2	2	2
81	618	1					
85	628		1				
88	620	1					
89	728	2	2	2	2	2	2
90	728	2	2	2	2	2	2
91	620	2					
92	741		2	4	6	8	10
93	636			1	2	3	4
121	619	1	1	1	2	3	4
123	612	1	1	1	2	3	4
127	457	2	2	2	4	6	8
129	299	2	2	2	2	2	2
131	304	8	8	8	8	8	8
132	304	2	2	2	2	2	2
133	304	2	2	2	2	2	2
135	891		2	4	4	4	4
		1	1	1	2	3	4
		1	1	1	1	1	1
		3	3	4	5	5	5
		2	2	2	2	2	2
1 smalls pack for correct size of building							



SMA DOOR