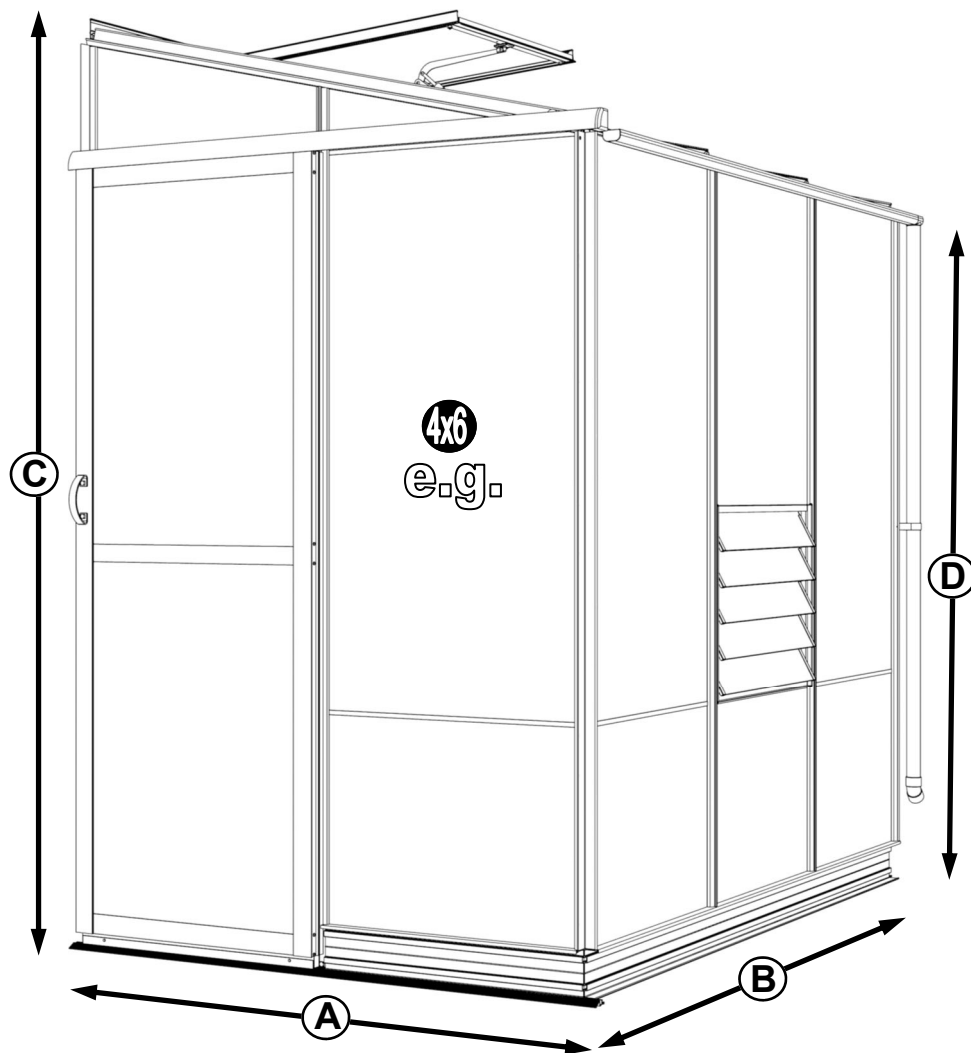


Model HE-TEW



	A (mm)	B (mm)	C (mm)	D (mm)
4'4" x 4'4"	1320	1348	2122 Inc base	1772 Inc base
4'4" x 6'4"		1968		
4'4" x 8'5"		2588		
4'4" x 10'5"		3208		
4'4" x 12'6"		3828		



Thank you for purchasing your new Hercules greenhouse. We recommend you familiarise yourself with the instructions and read all safety information before you commence assembly. This instruction manual is also available online at www.greenhousepeople.co.uk in our technical help section should you need to reprint it. Should you require any additional advice you can always call us on 01782 385408.

These instructions are divided into sections; **B**-base, **partlists**, **1**-side (please see **SIDE DOOR OPTION** if you have chosen an optional 'side door' and be aware that its inclusion will result in part amendments), **2**-left gable, **3**-right gable, **4**-joining the three sides, **5**-roof, **6**-vent, **7a / 7b** -door/s, **8**-glazing, **9**-louvre assembly, **10**-vent attachment, **11**-door attachment, **12** anchoring down, **SIDE DOOR OPTION**, 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

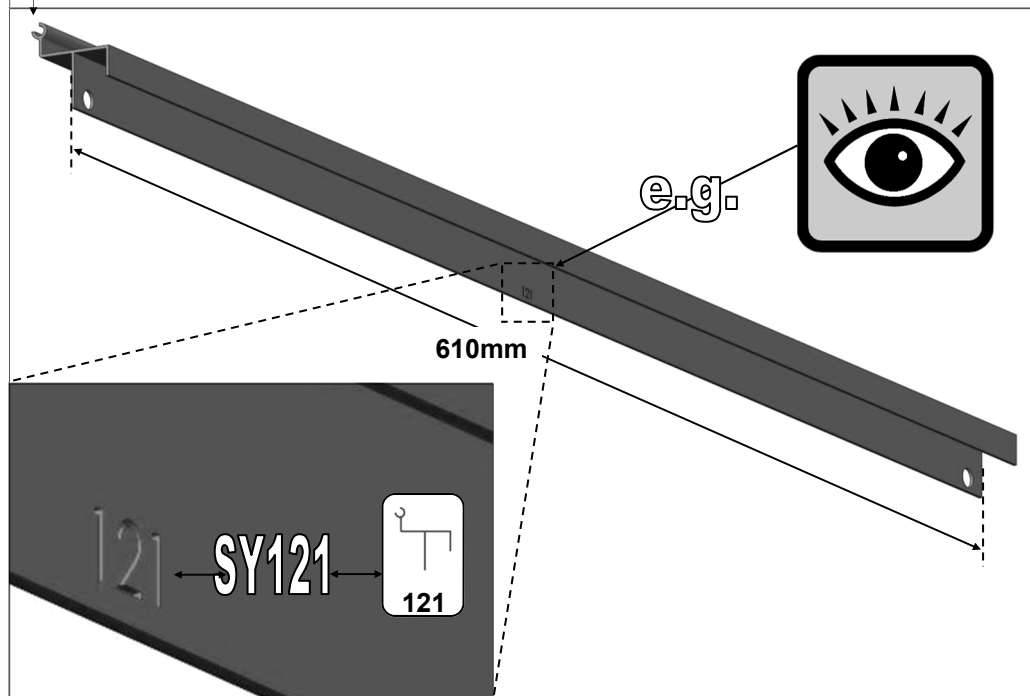
- When selecting a site for your greenhouse, it is vital that you choose as flat and level an area as possible.
- A concrete or slabbed base will provide the most solid foundation for your greenhouse.
- **IMPORTANT:** Do **not** fix your building down until the building is fully assembled, including 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 stamped number (without the 'SY', 'HE', 'CL') or removable label. Alternatively, the components can be identified by lengths detailed in the packing list (see diagram below). Please also note that **NOT** all parts for a specific area will be packed together, i.e. door related components are packed together and some are used in main frame construction.
- 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.

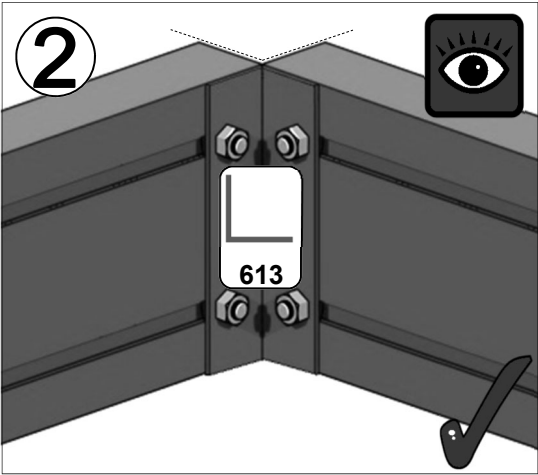
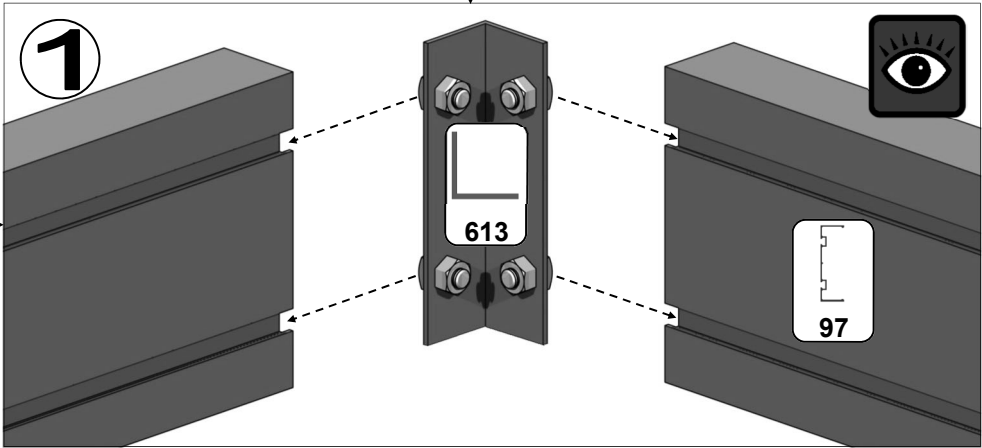
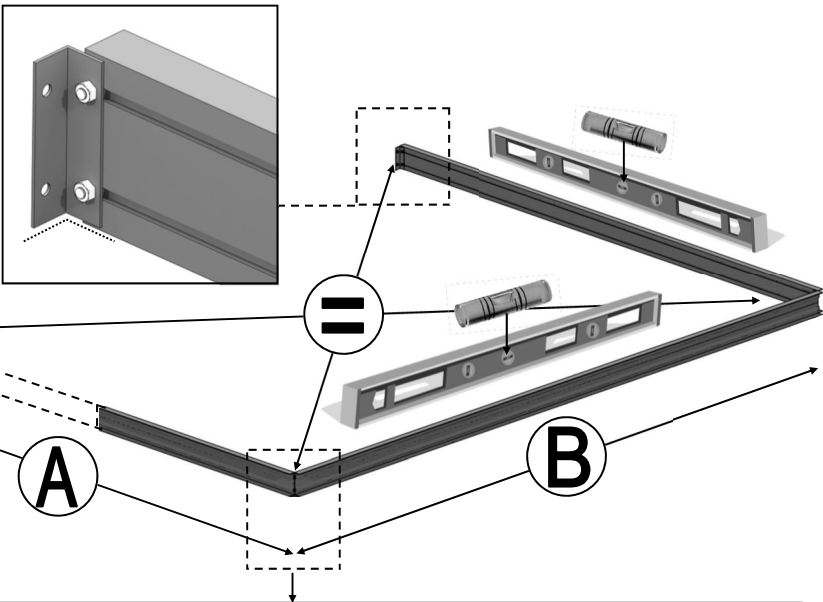
Guarantee

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

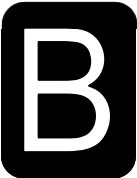
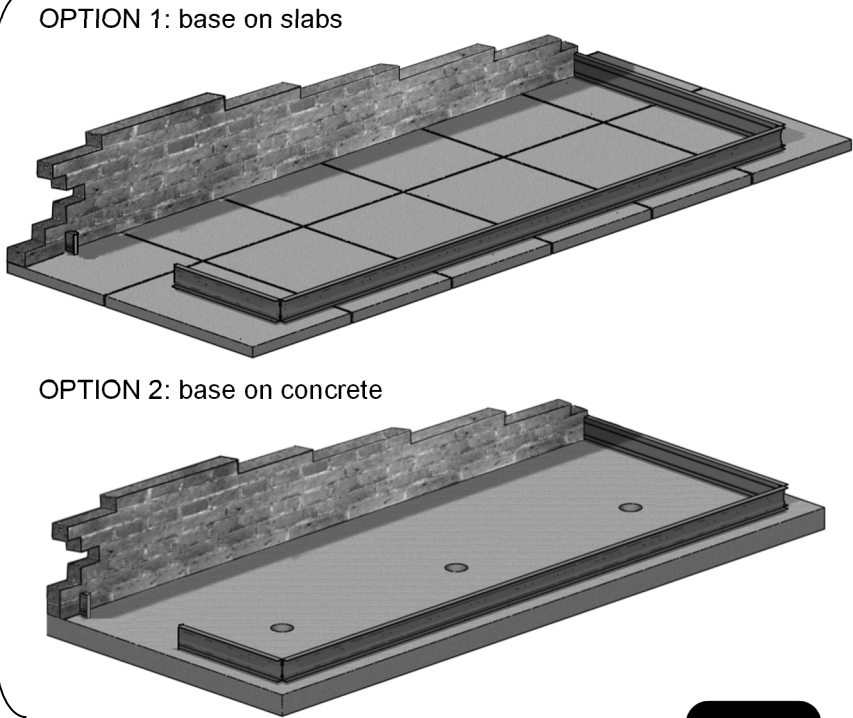


KEY SYMBOL	KEY DESCRIPTION
	EXTERNAL VIEW
	INTERNAL VIEW
	THINK
	THIS SECTION RELATES TO ANOTHER (e.g. 1 to 5)
	CORRECT
	DO NOT FIX DOWN!
	TWIST TO LOCK
	TIGHTEN
	DO NOT WET!
	CUT TO LENGTH

	A (mm)	B (mm)	C (mm)	D (mm)
4'3" x 4'4"	1285	1295	2122 Inc base	1772 Inc base
4'3" x 6'4"		1910		
4'3" x 8'5"		2530		
4'3" x 10'5"		3150		
4'3" x 12'6"		3770		



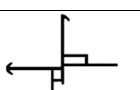
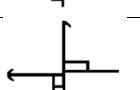
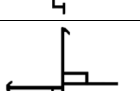
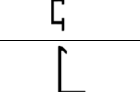
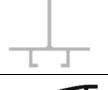
Part No.	Section	Size (mm)	4 4	4 6	4 8	4 10	4 12
SY004		3720					1
SY009		3100				1	
SY015		2480			1		
SY029		1860		1			
SY097		1240	2	1	1	1	1
SY098		620			1		
SY626		19			1		
SY613		100			4		



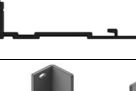
Page Ref	Part No.	Section	Size (mm)	4 4	4 6	4 8	4 10	4 12
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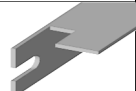
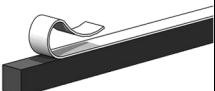
4LT - TEWKESBURY

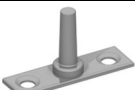
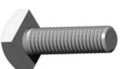
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	SY005		3100				1	
	SY017		2480			1		
	SY025		1860		1			
	SY055		1240	1				
	SY250		3720					1
	SY251		3100				1	
	SY252		2480			1		
	SY253		1860		1			
	SY254		1240	1				
	SY270		1745	1	2			
	SY269		1670	1	2	3	4	5

2 + 3	SY279		636	1				
	SY096		614	4				
	SY265		1670	1				
	SY266		1670	1				
	SY267		1279	1				
	SY268		1279	1				
	SY272		1813	1				
	SY273		1813	1				
	SY274		1957	1				
	SY275		1957	1				
	SY277		645	2				

Page Ref	Part No.	Section	Size (mm)	4 4	4 6	4 8	4 10	4 12
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2 + 3	SY278		1252	1				
	SY271		N/A	2				
	SY612		615	1				
	SY616			1				
	SY615			1				
	SY626		19	1				

5	SY229		3720					1
	SY228		3100				1	
	SY227		2480			1		
	SY226		1860		1			
	SY225		1240	1				
	SY276		1279	1	2	3	4	5
	SY085		628	1				
	SY093		636		1	1	2	2
			7000	2 ROLLS THICK FOAM			3 ROLLS THICK FOAM	

6	SY121		612	1	1	1	2	2
	SY123		612	1	1	1	2	2
	SY124		610	2	2	2	4	4
	SY STAY			1	1	1	2	2
	SY PIN			2	2	2	4	4
	SYBOLM4X10 SYNUTM4		M4	6	6	6	12	12
	SYBOL M6X22		22mm	2	2	2	4	4

Page Ref	Part No.	Section	Size (mm)	4 4	4 6	4 8	4 10	4 12
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Page Ref	Part No.	Section	Size (mm)	4 4	4 6	4 8	4 10	4 12
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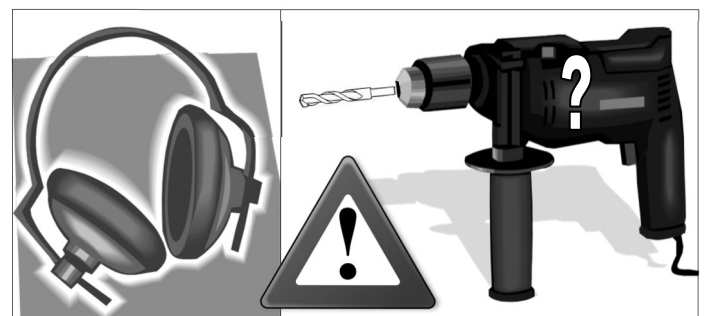
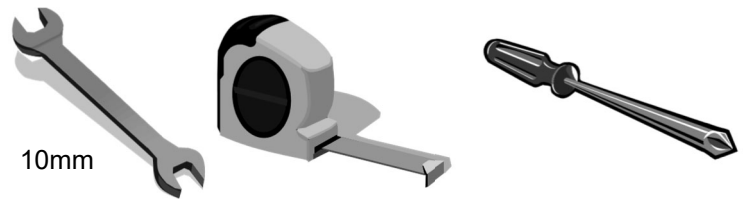
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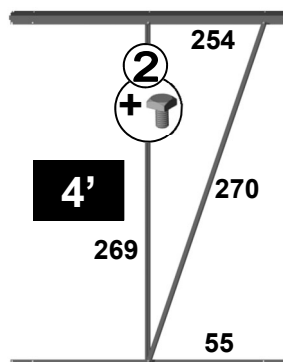
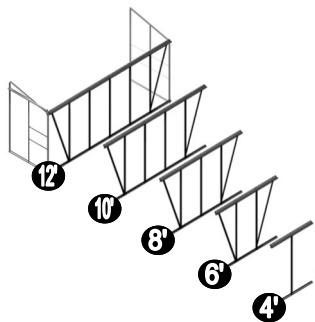
7	HE707 (HE371+ SKID)		618			1		
	HE708 (HE701+ WHEELS)		618			1		
	HE373		618			1		
	SY630		1730			2		
	HE384		112			1		
	SY629		795			4		
	HE571		3800			1		
	HE583		19			12		

8	SYBC (C/W) 1500		1500 PLASTIC	6	8	10	12	14
	SYBC (C/W) 2000		2000 PLASTIC	12	14	16	18	20
	SYFOA M		15000 FOAM	2 roll	3 roll	3 roll	4 roll	4 roll

10	HE400		N/A			1		
	HE560		N/A			1		
	HE374		1320			1		
	HE402		1320			1		
	HE404		N/A			2		
	SY627		612			1		
	SY614		574			1		
	HE300		N/A			1		
	02 -1825		SCREW			2		

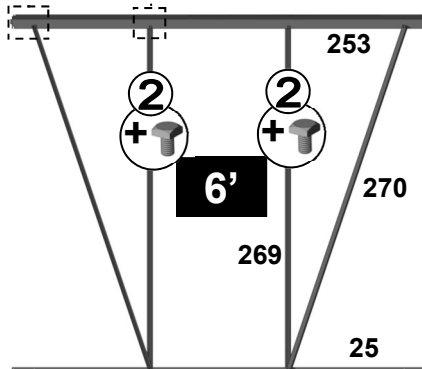
SYBOL M6X11		M6 BOLT 10mm	74	82	88	96	102
SYBOL M6X15		M6 BOLT 15mm	8				
SYNUT M6		M6 NUT	103	110	116	124	130
SYBOL M6X11 CROP		M6 CROP	21	20			





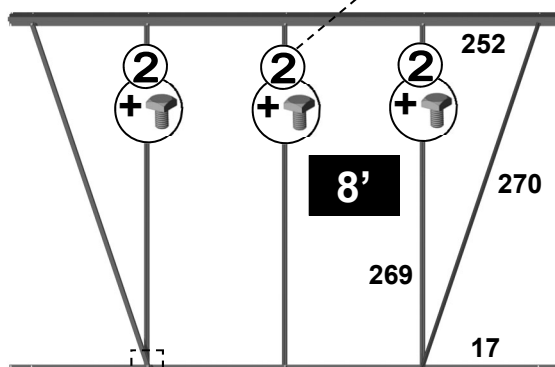
Part No	mm	Quantity
55	1240	1
254	1240	1
269	1670	1
270	1745	1
M6		4
M6		3

e.g. ①



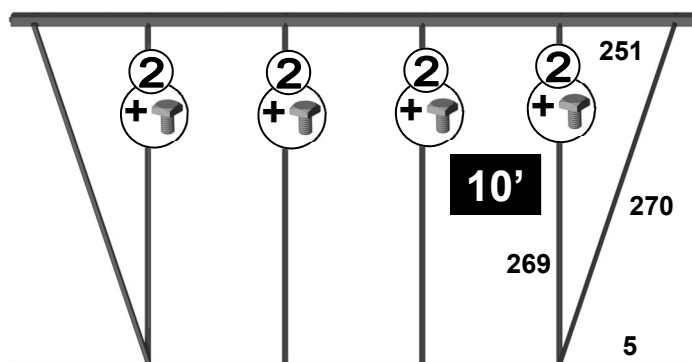
Part No	mm	Quantity
25	1860	1
253	1860	1
269	1670	2
270	1745	2
M6		8
M6		6

e.g. ②

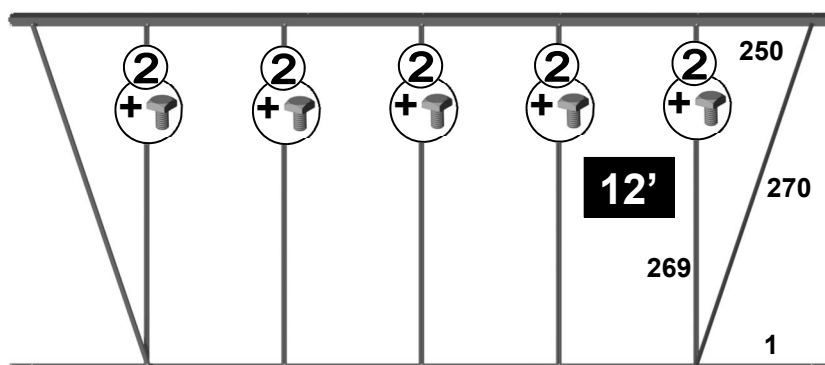


Part No	mm	Quantity
17	2480	1
252	2480	1
269	1670	3
270	1745	2
M6		11
M6		8

e.g. ③

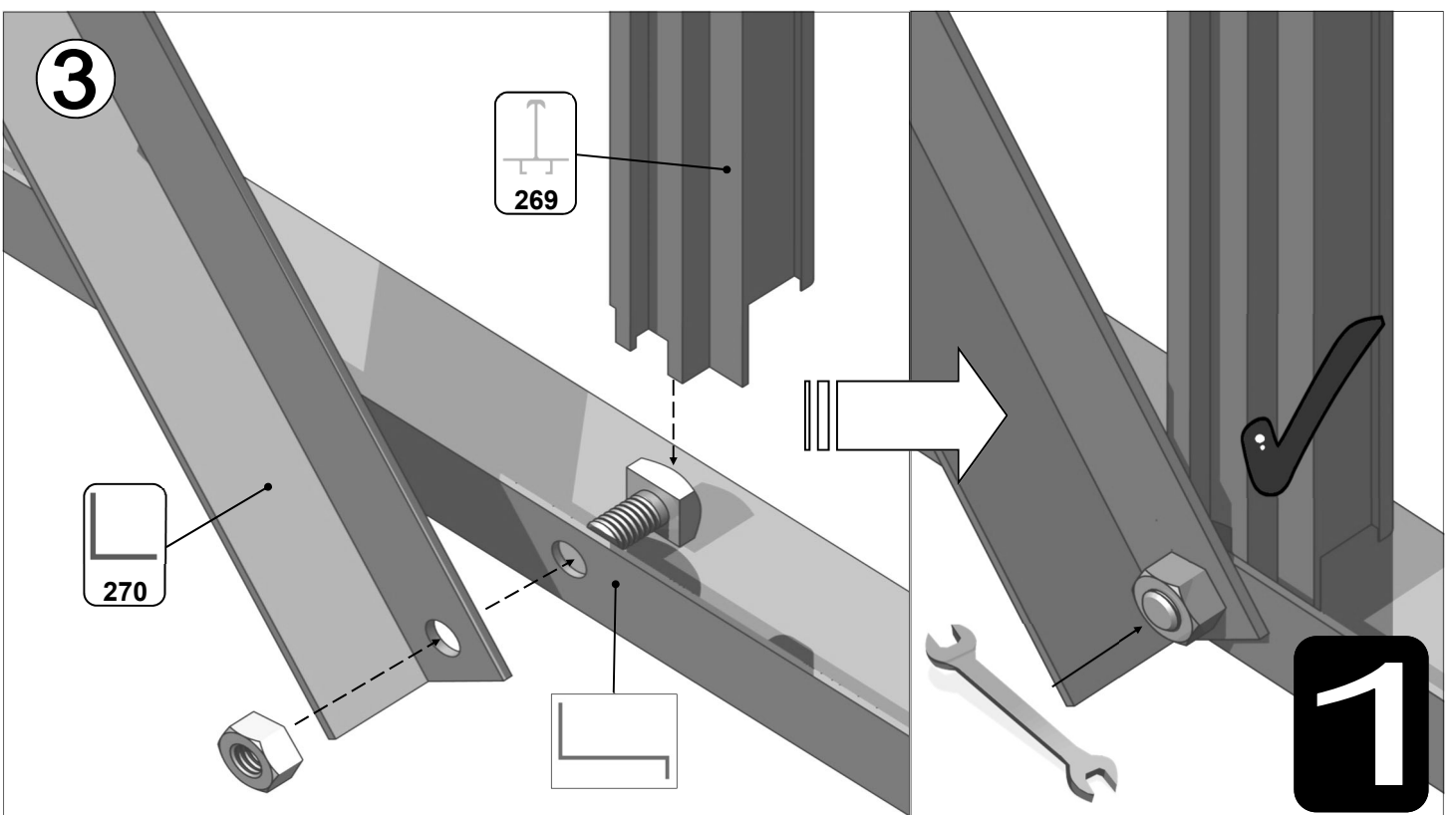
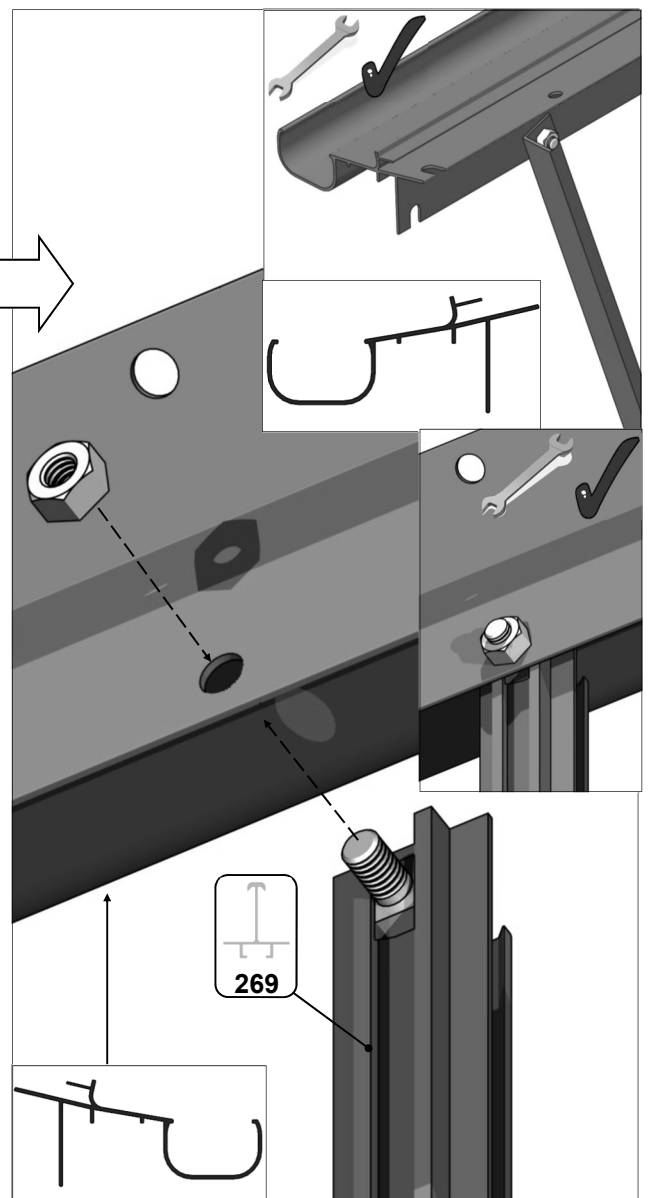
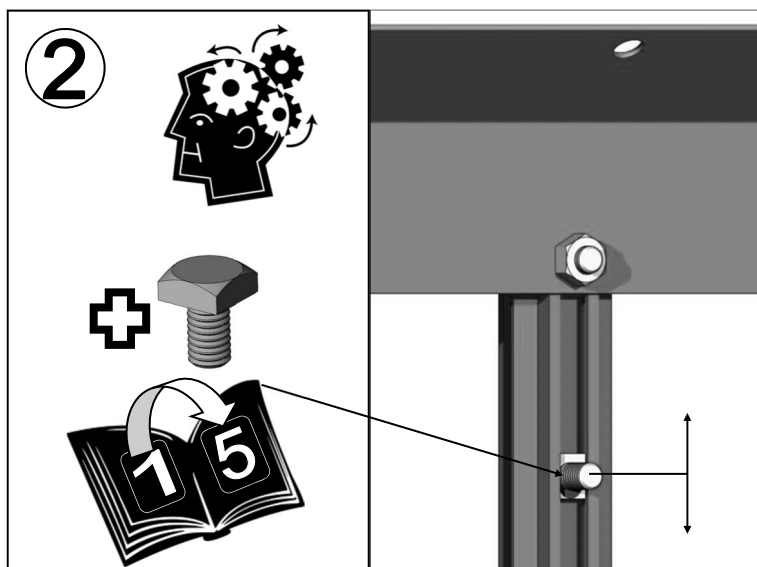
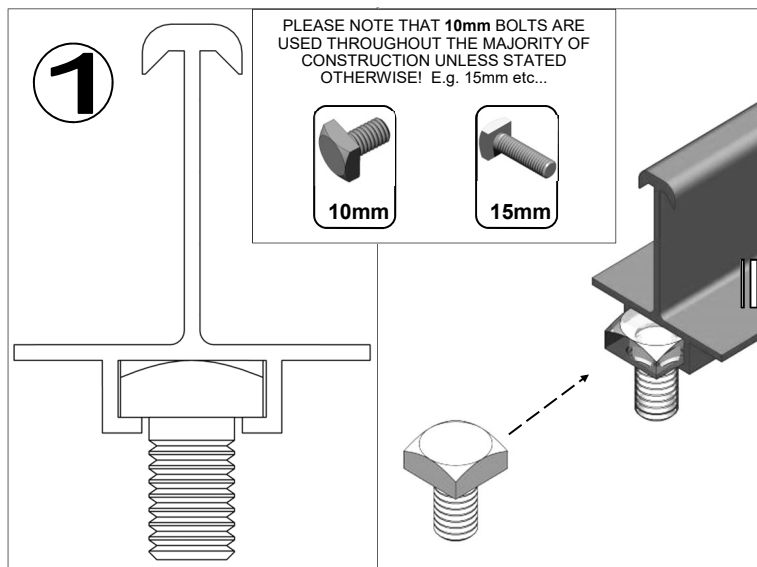


Part No	mm	Quantity
5	3100	1
251	3100	1
269	1670	4
270	1745	2
M6		14
M6		10

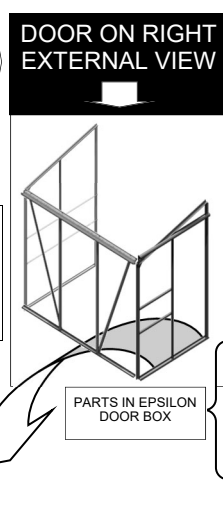
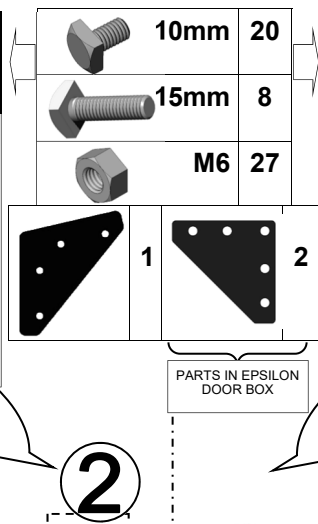
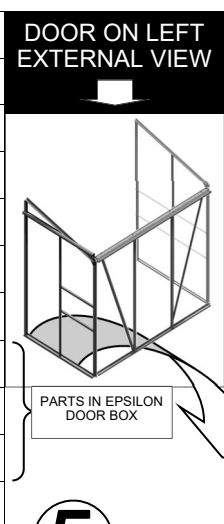


Part No	mm	Quantity
1	3720	1
250	3720	1
269	1670	5
270	1745	2
M6		17
M6		12

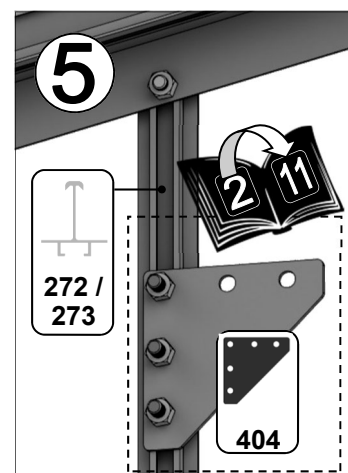
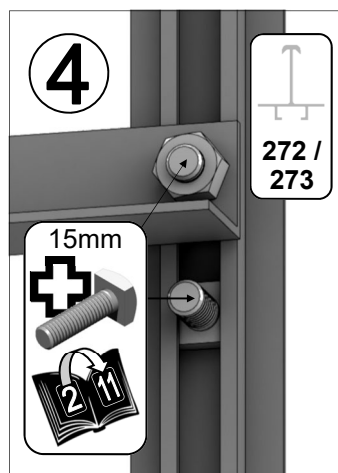
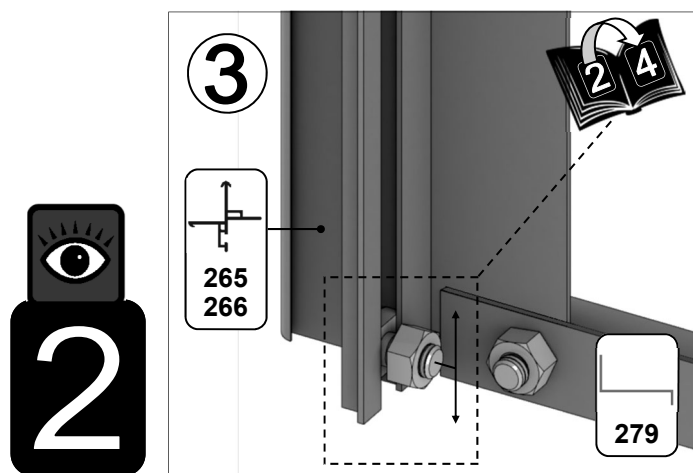
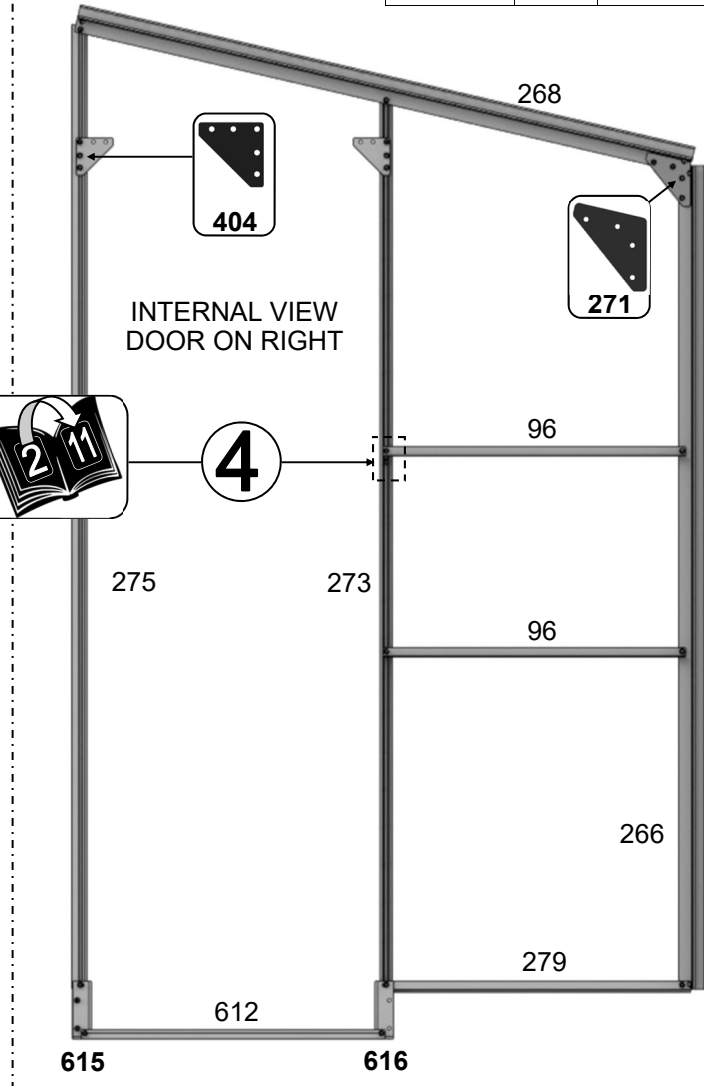
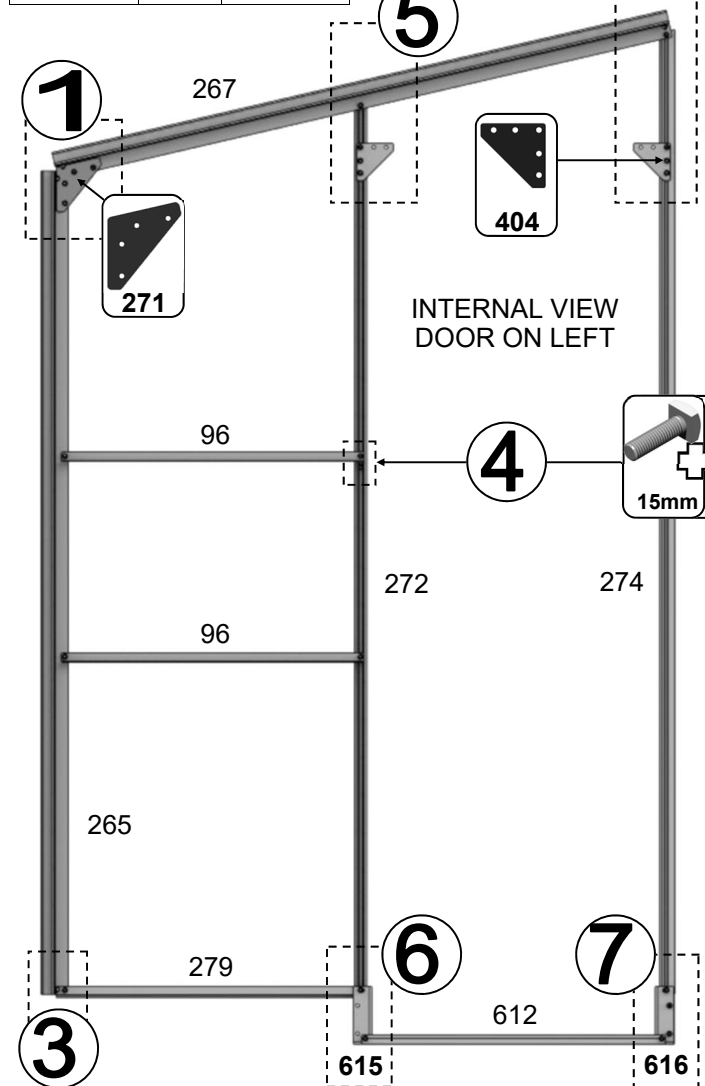
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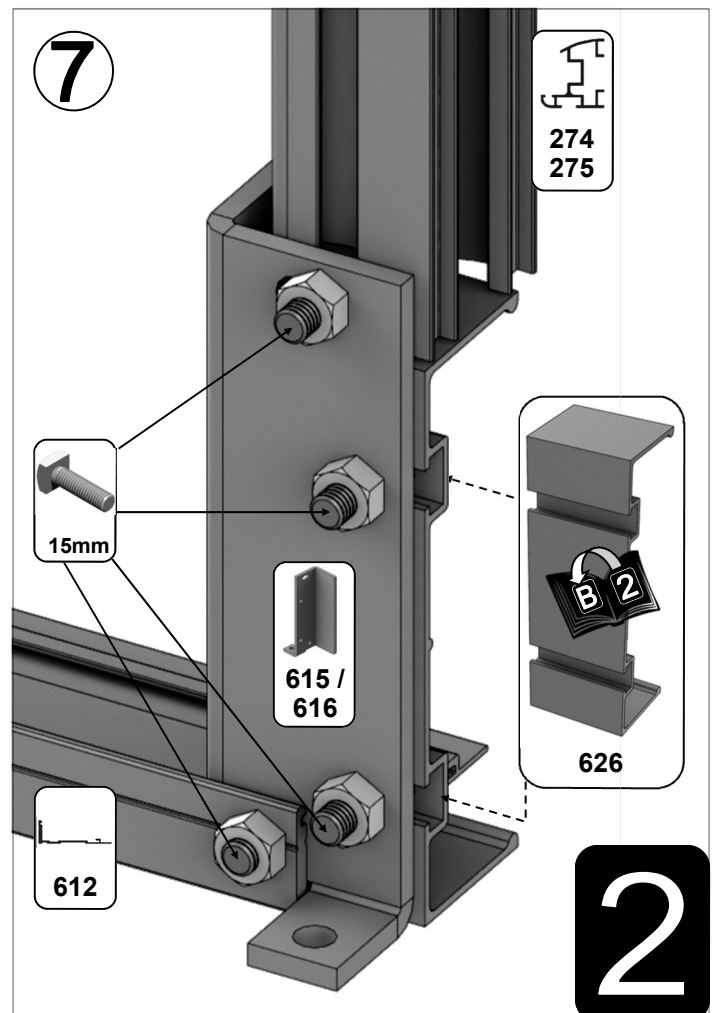
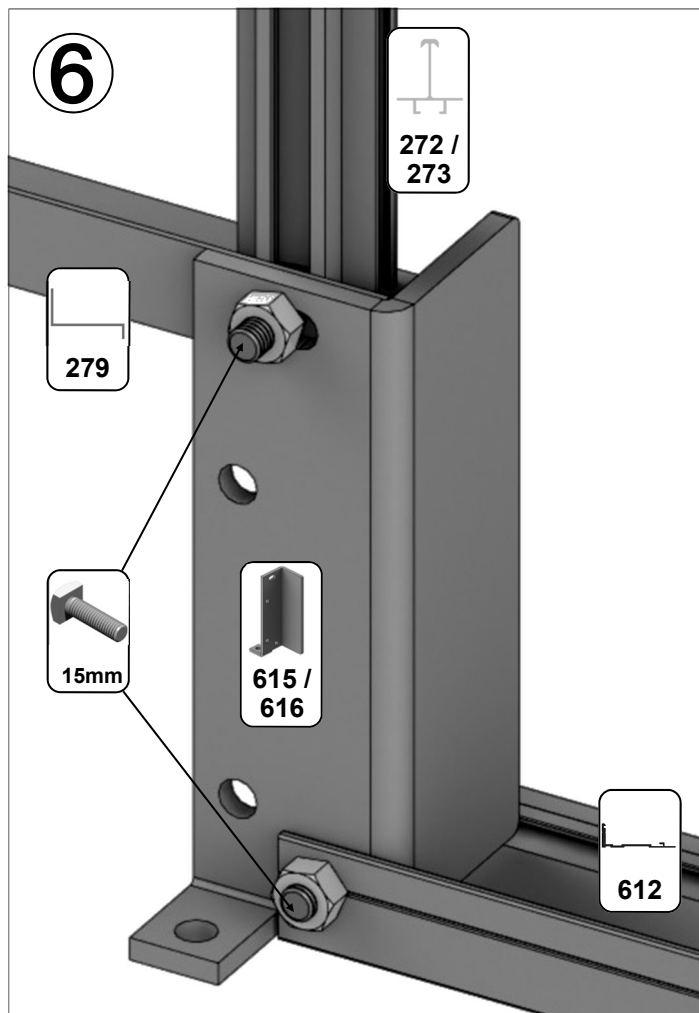
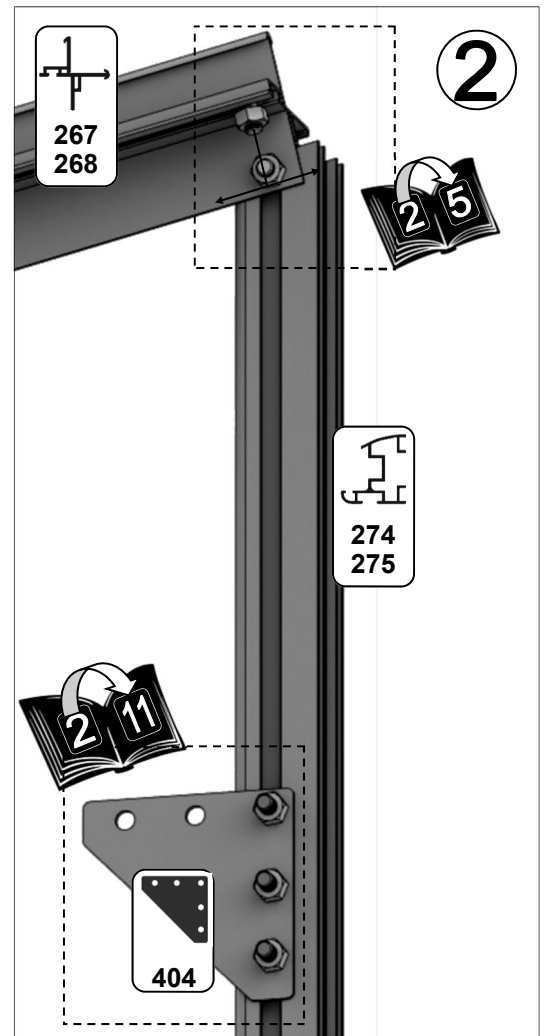
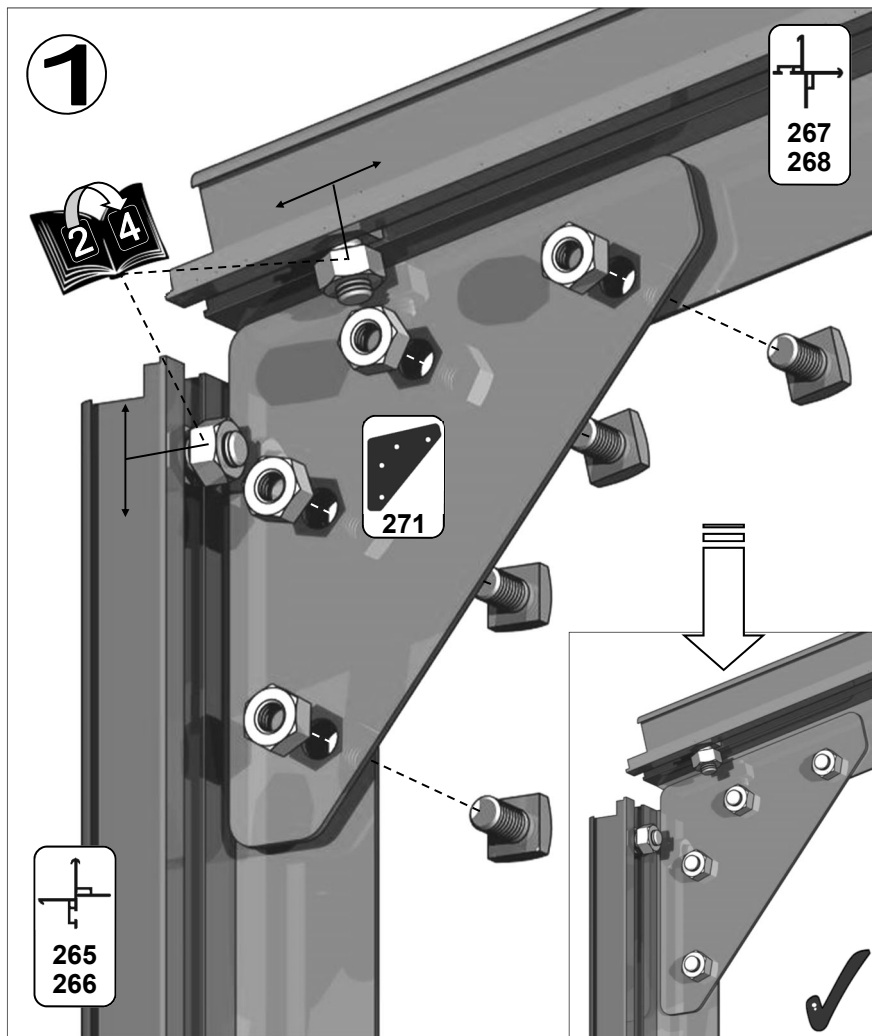


Part No	mm	Quantity
96	614	2
265	1670	1
267	1279	1
272	1813	1
274	1957	1
279	636	1
612	615	1
615	n/a	1
616	n/a	1
626	35	1

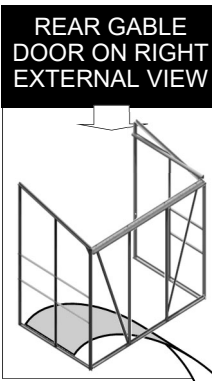
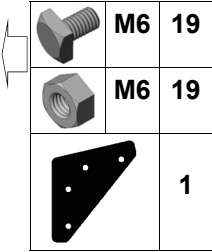
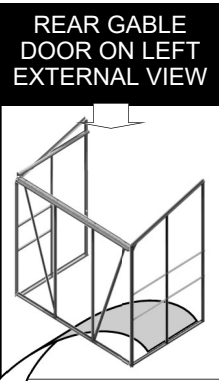


Part No	mm	Quantity
96	614	2
266	1670	1
268	1279	1
273	1813	1
275	1957	1
279	636	1
612	615	1
615	n/a	1
616	n/a	1
626	35	1

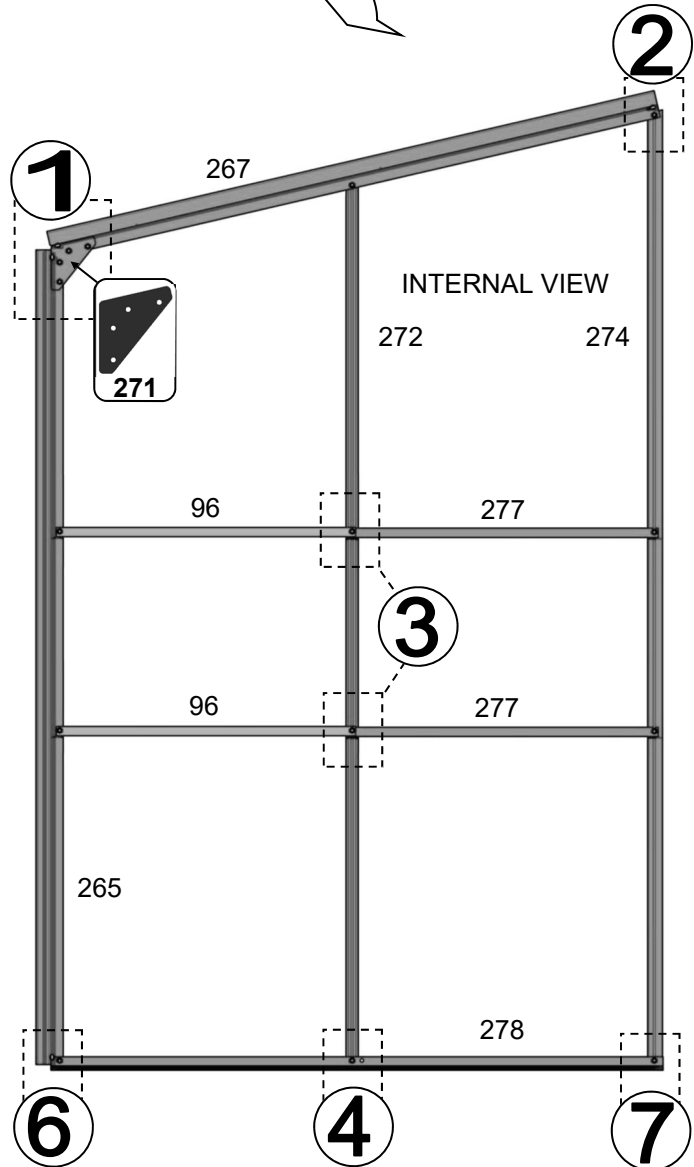
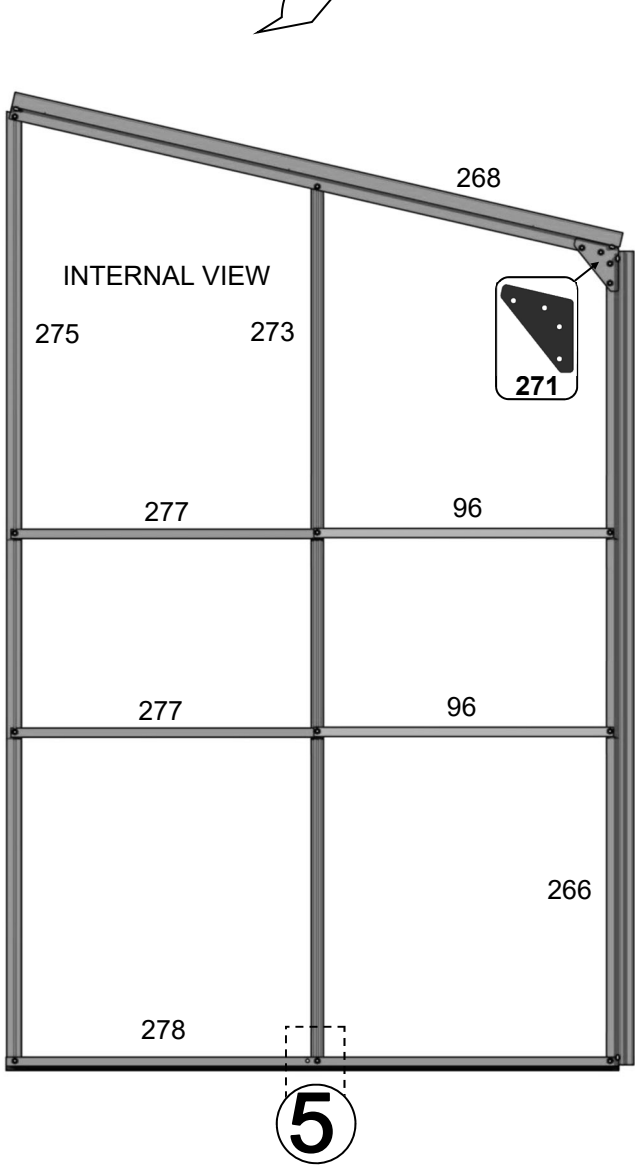




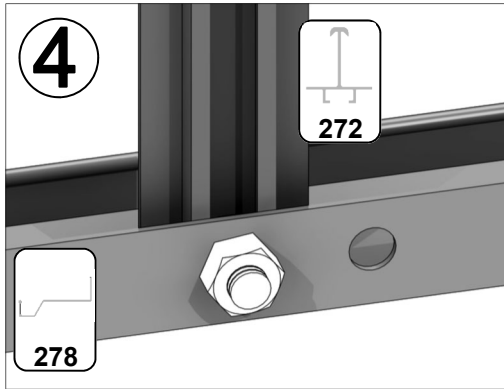
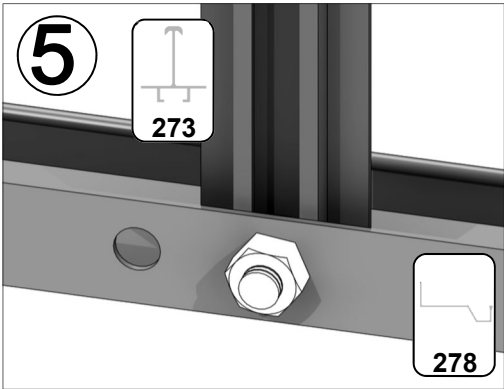
Part No	mm	Quantity
96	614	2
266	1670	1
268	1279	1
273	1813	1
275	1957	1
277	645	2
278	1252	1

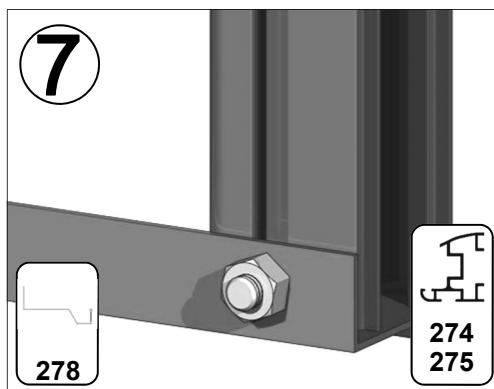
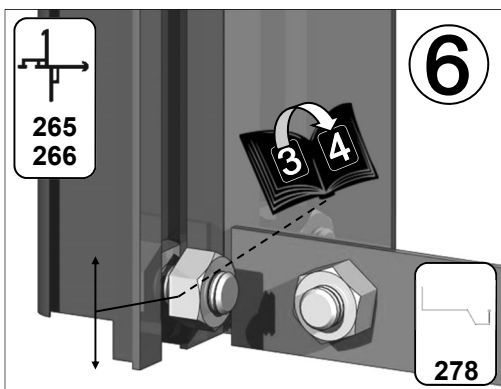
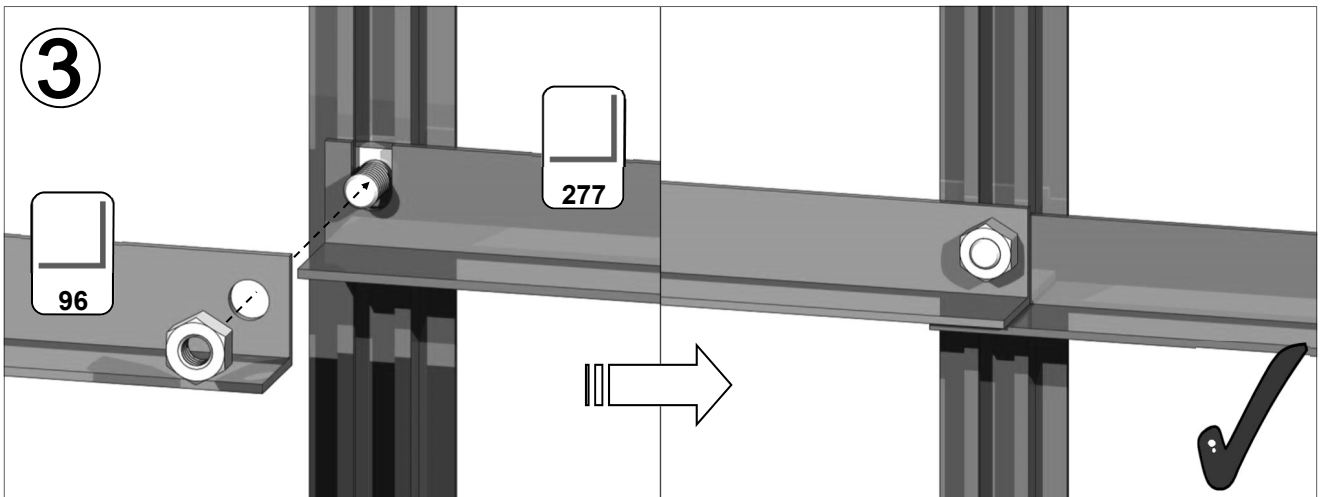
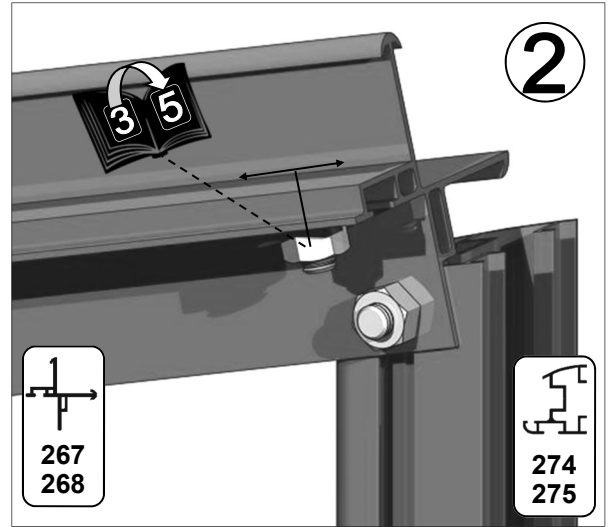
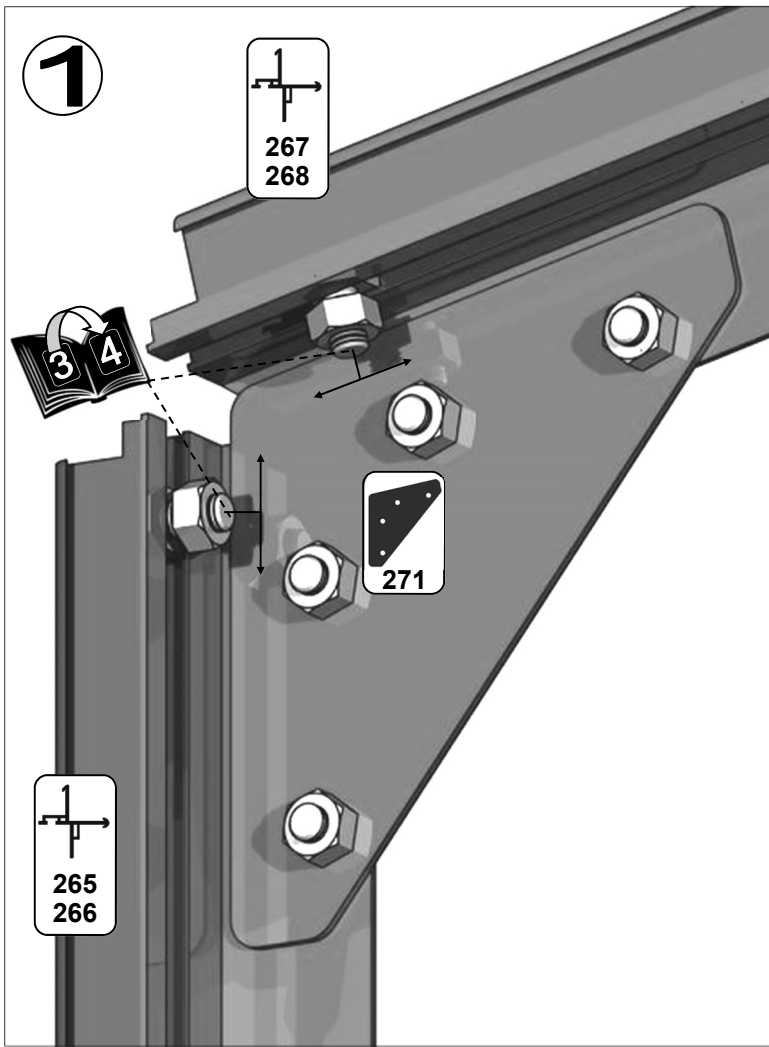


Part No	mm	Quantity
96	614	2
265	1670	1
267	1279	1
272	1813	1
274	1957	1
277	645	2
278	1252	1

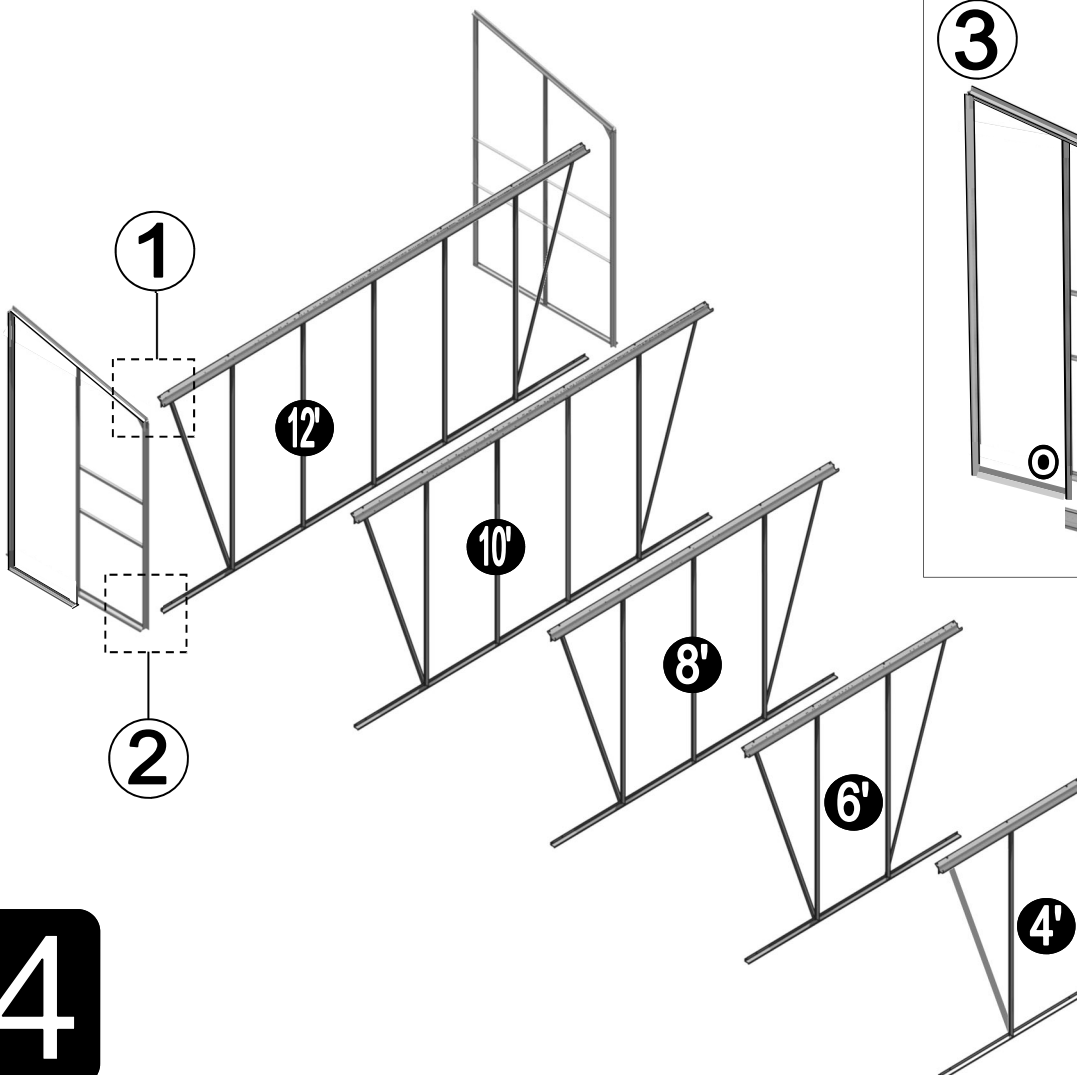
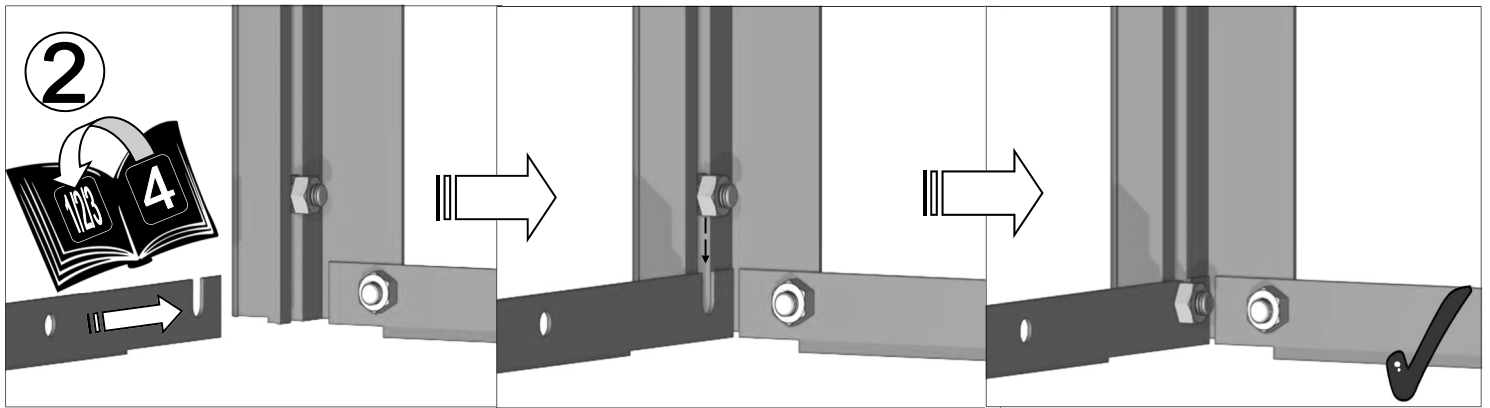
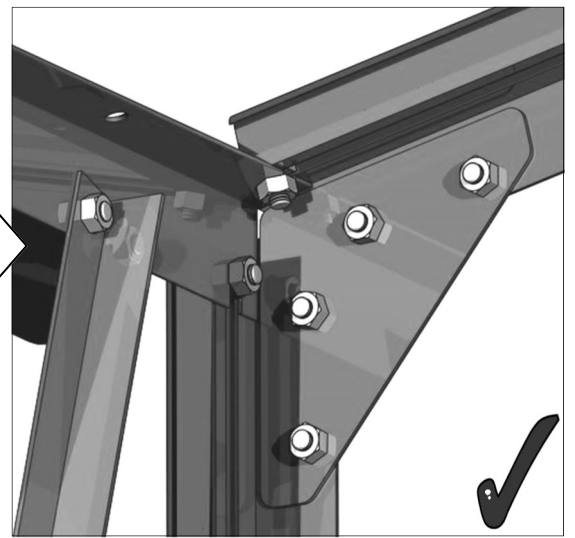
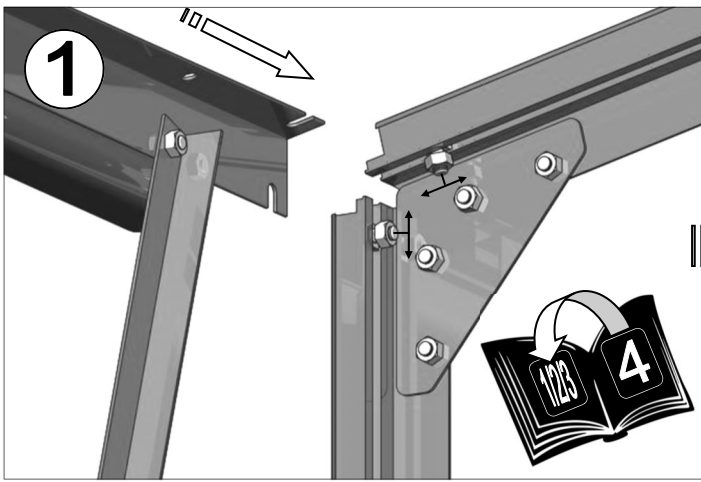


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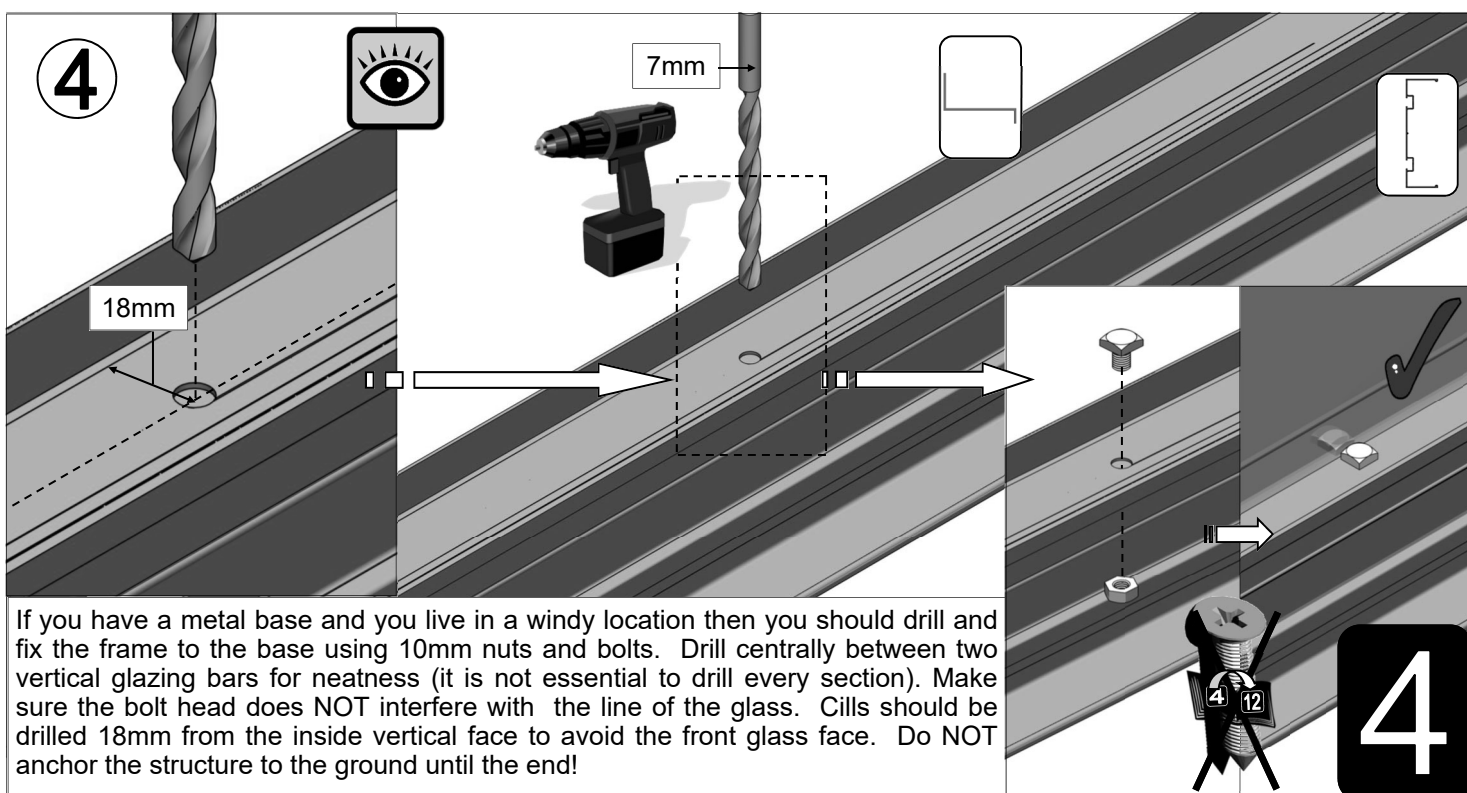
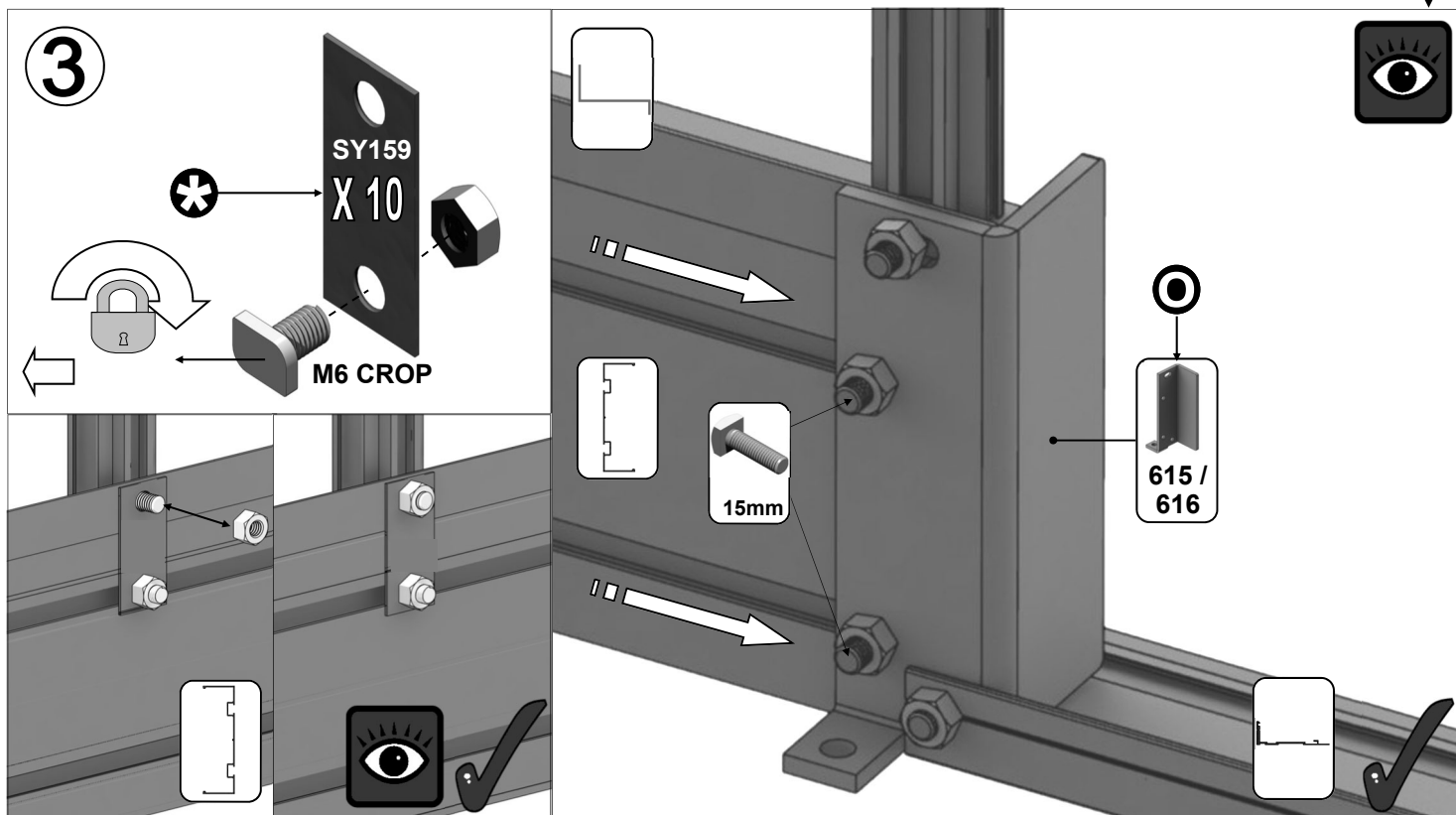
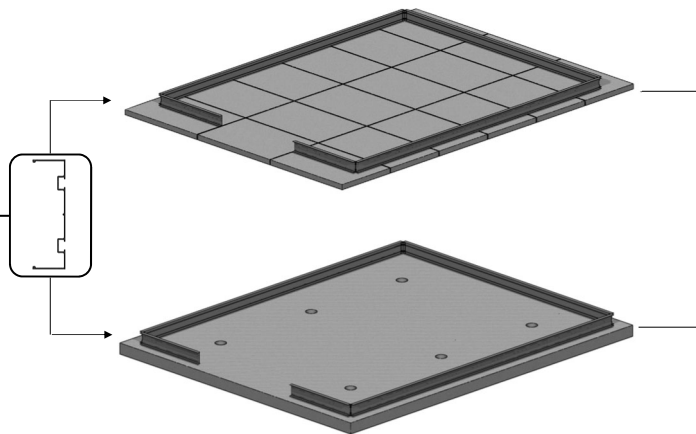
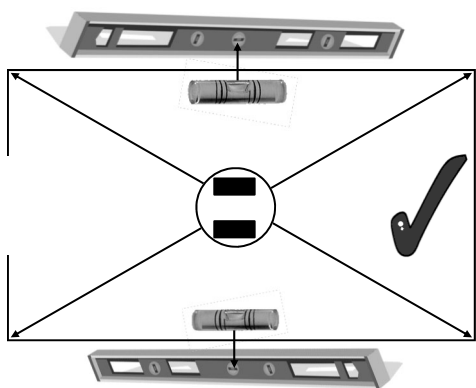




3

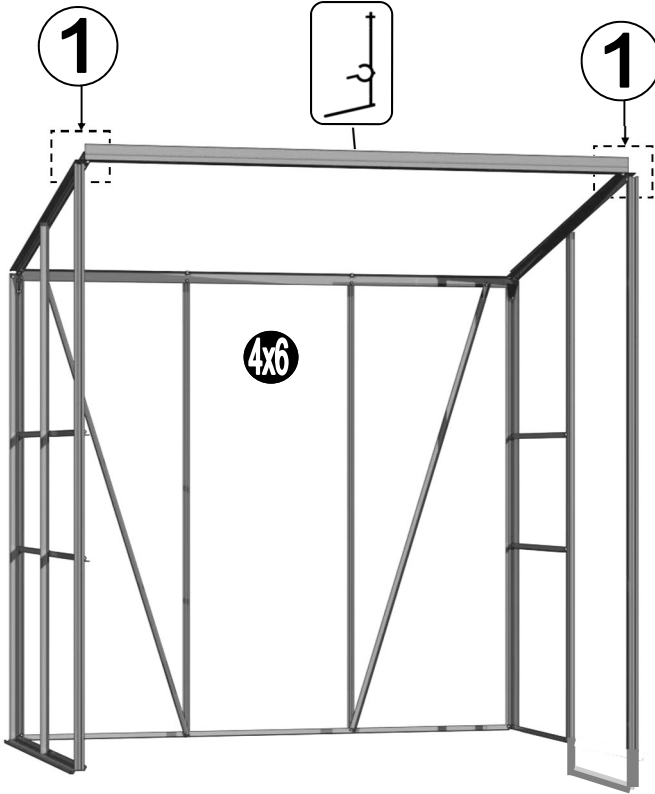
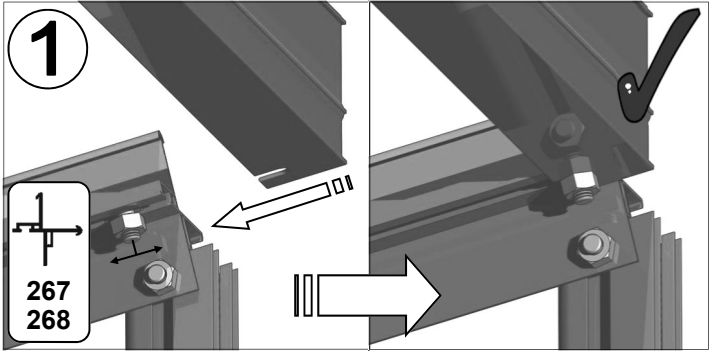


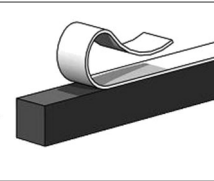
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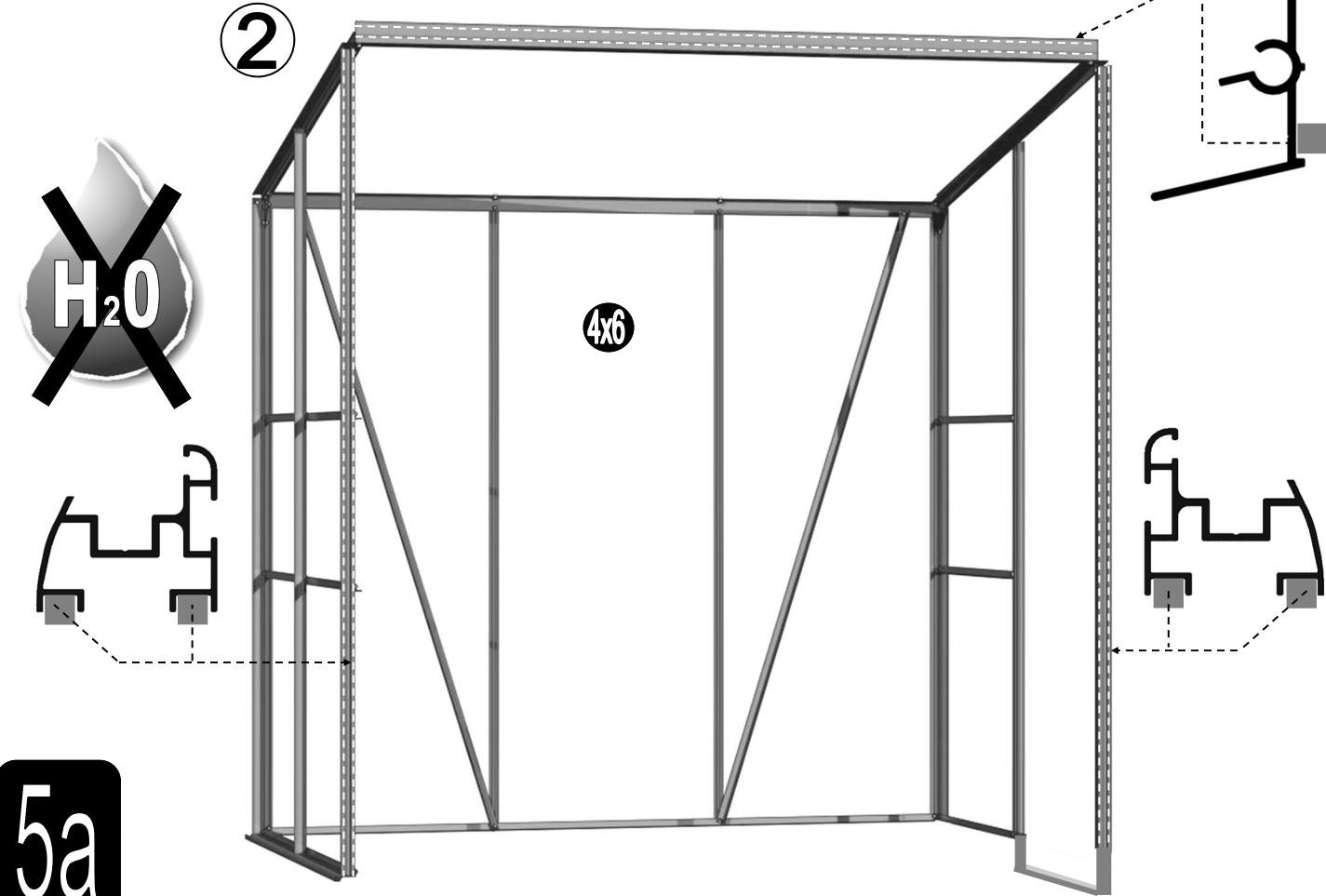


If you have a metal base and you live in a windy location then you should drill and fix the frame to the base using 10mm nuts and bolts. Drill centrally between two vertical glazing bars for neatness (it is not essential to drill every section). Make sure the bolt head does NOT interfere with the line 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!

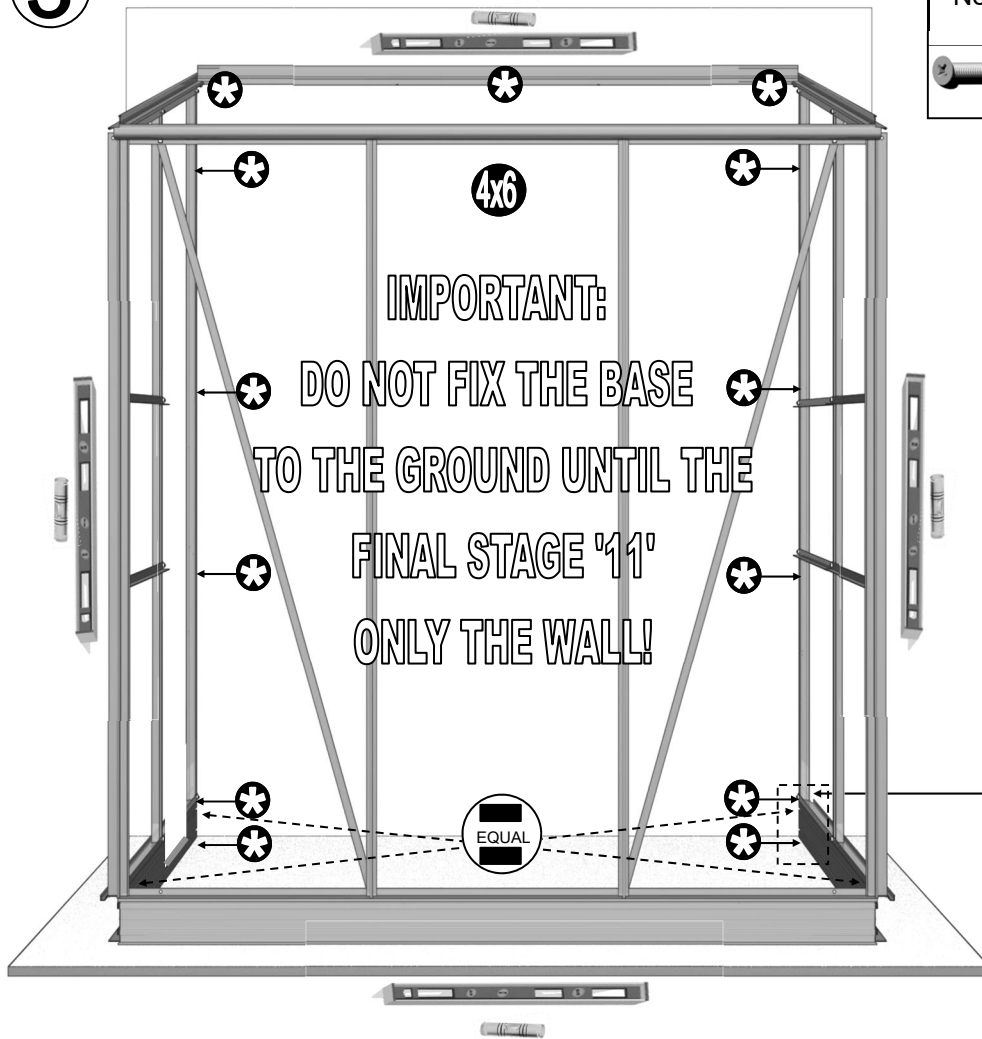
Part No	mm	Quantity				
		4x4	4x6	4x8	4x10	4x12
225	1240	1				
226	1860		1			
227	2480			1		
228	3100				1	
229	3720					1



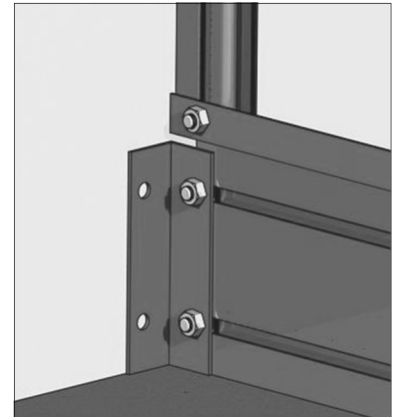
Part No		Mm	Quantity				
			4x4	4x6	4x8	4x10	4x12
572		7000	2 rolls THICK FOAM			3 rolls THICK FOAM	



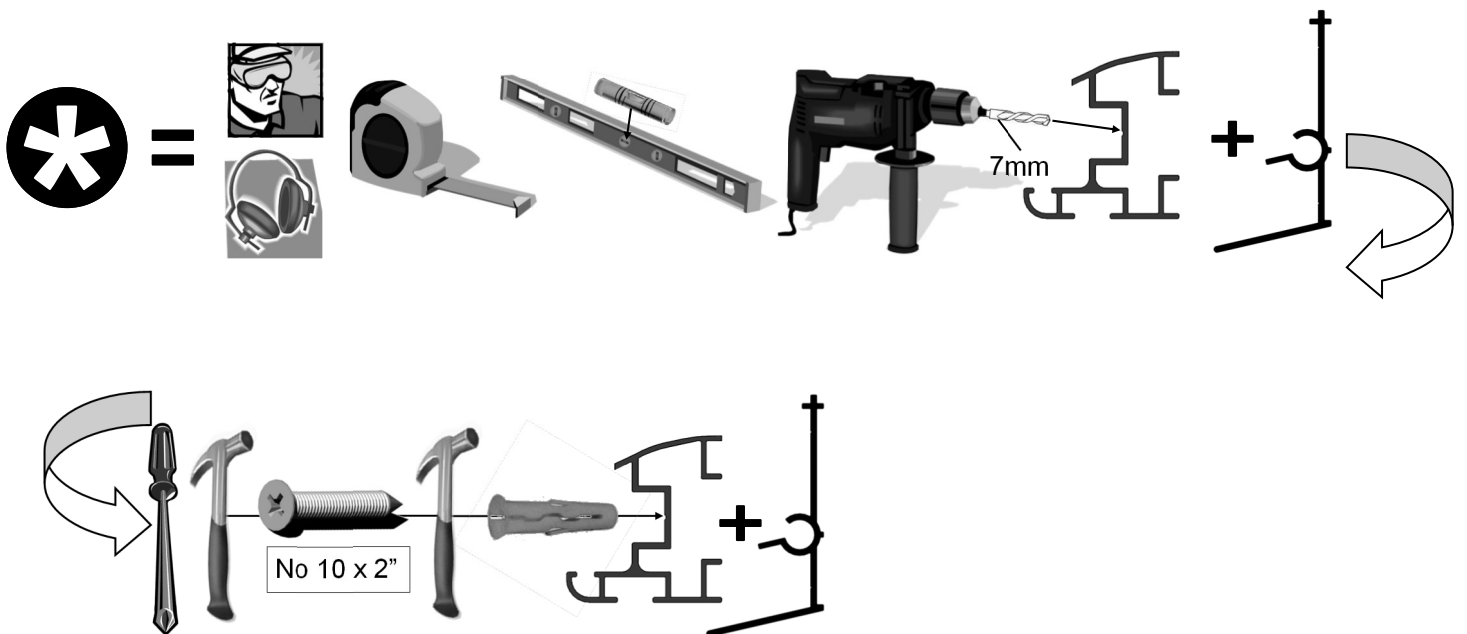
3



Part No	mm	Quantity				
		4x4	4x6	4x8	4x10	4x12
		18	20	22	24	26

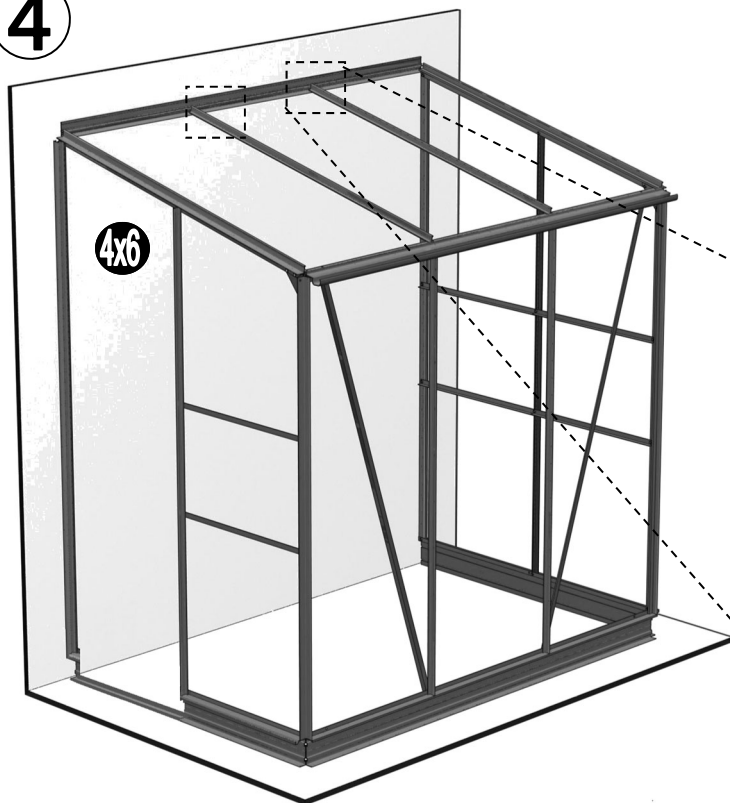


PLEASE NOTE THAT THE BASE SECTIONS DO NOT GO RIGHT UP TO THE WALL. THERE IS AN INTENTIONAL GAP WHICH ALLOWS FOR WALL VARIATIONS AND FOR AN ELECTRICITY SUPPLY TO BE INSERTED THROUGH!

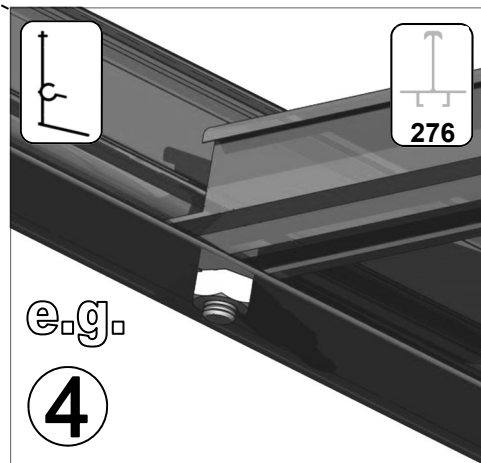


5a

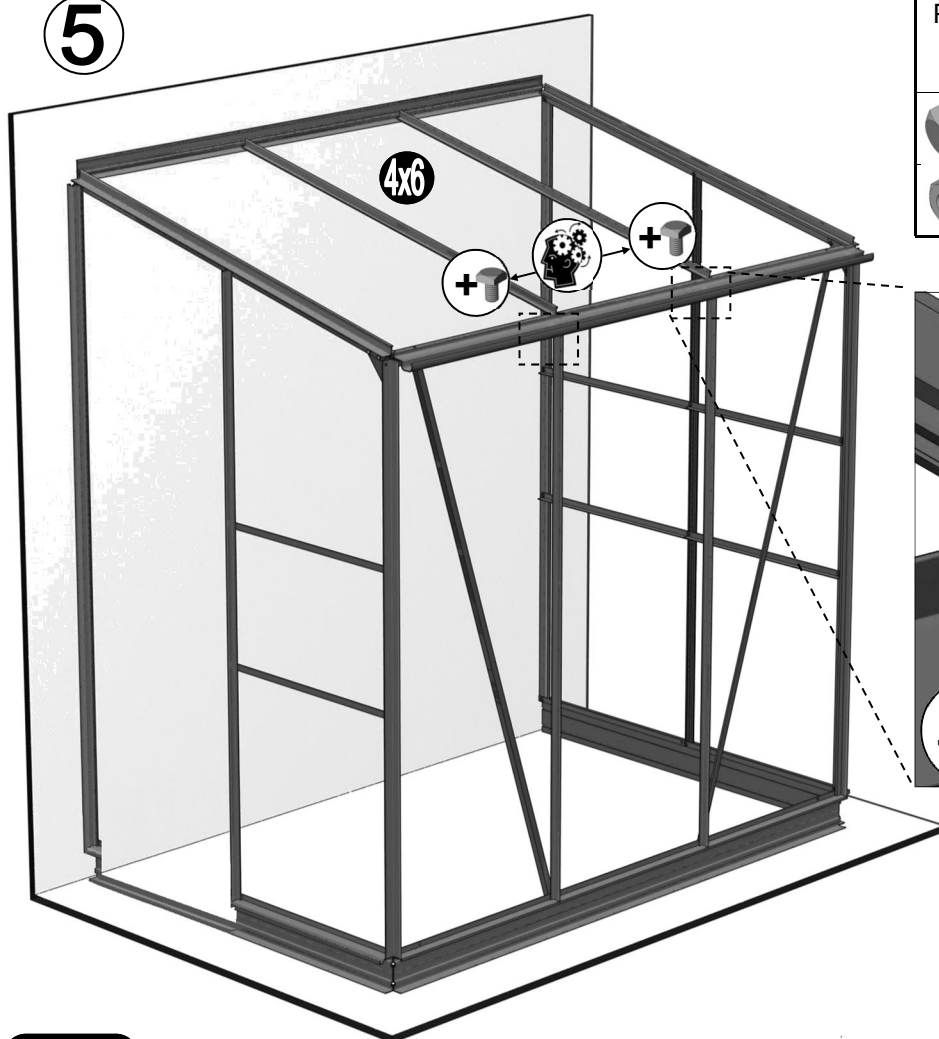
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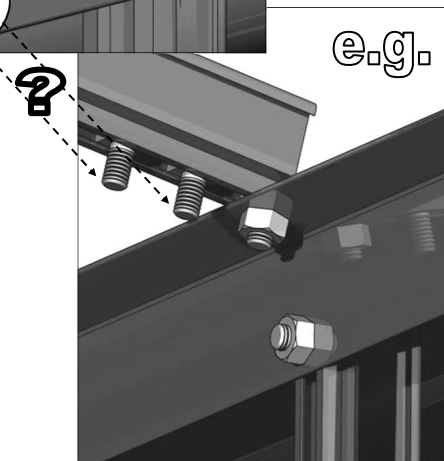
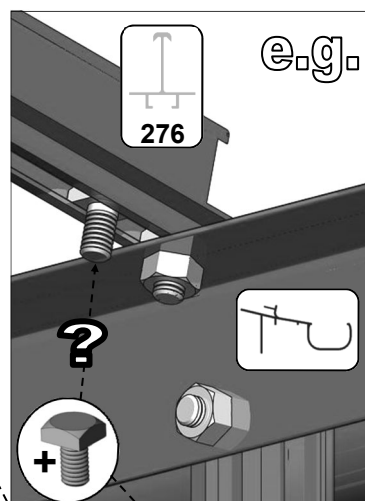
Part No	mm	Quantity				
		4x4	4x6	4x8	4x10	4x12
276	1279	1	2	3	4	5
	M6	1	2	3	4	5
	M6	1	2	3	4	5



5

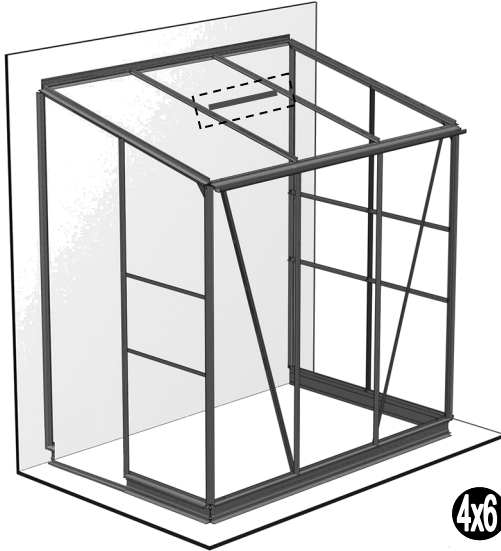


Part No	mm	Quantity				
		4x4	4x6	4x8	4x10	4x12
	M6	3	6	8	12	14
	M6	1	2	3	4	5



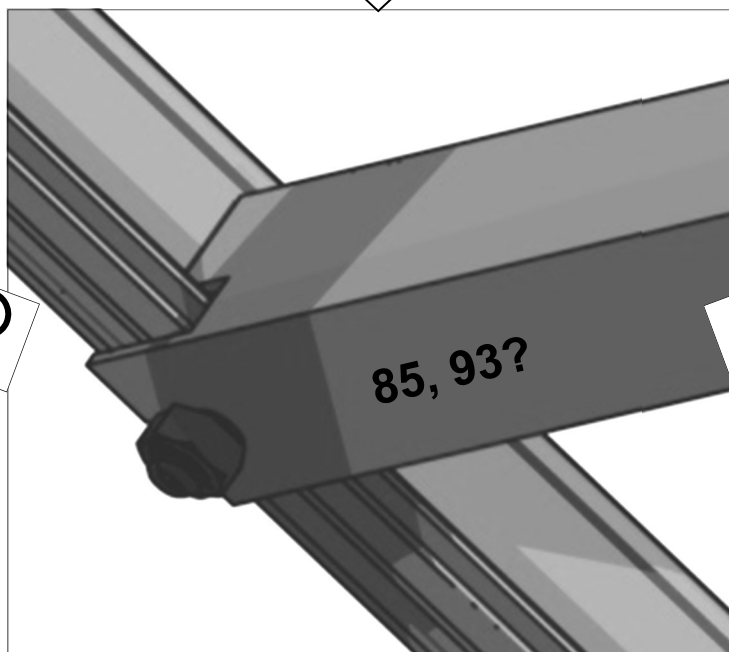
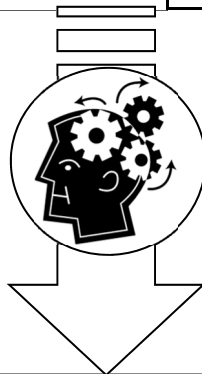
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6

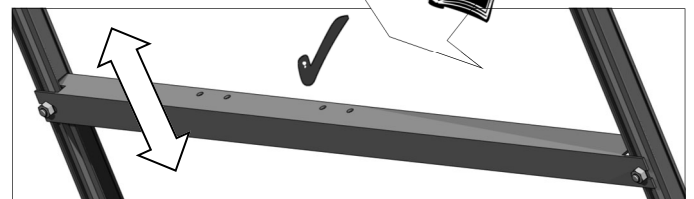
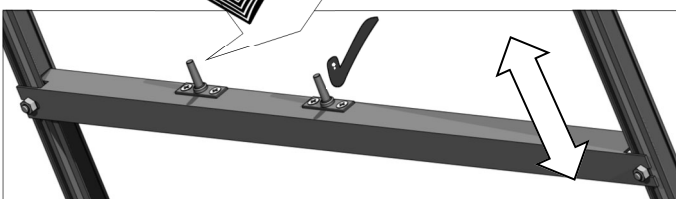
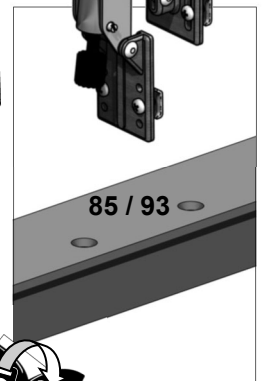
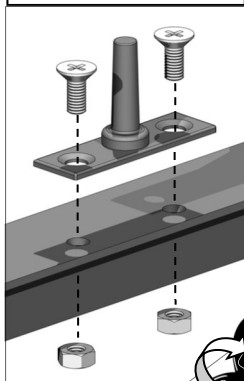
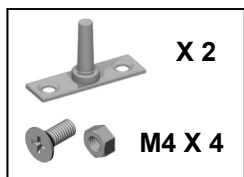


Part No	mm	Quantity				
		4x4	4x6	4x8	4x10	4x12
85	628	1				
93	636		1	1	2	2
	M6	2	2	2	4	4
	M6 crop	1				
		2	2	2	4	4
	M4	4	4	4	8	8
	M4	4	4	4	8	8

4x6



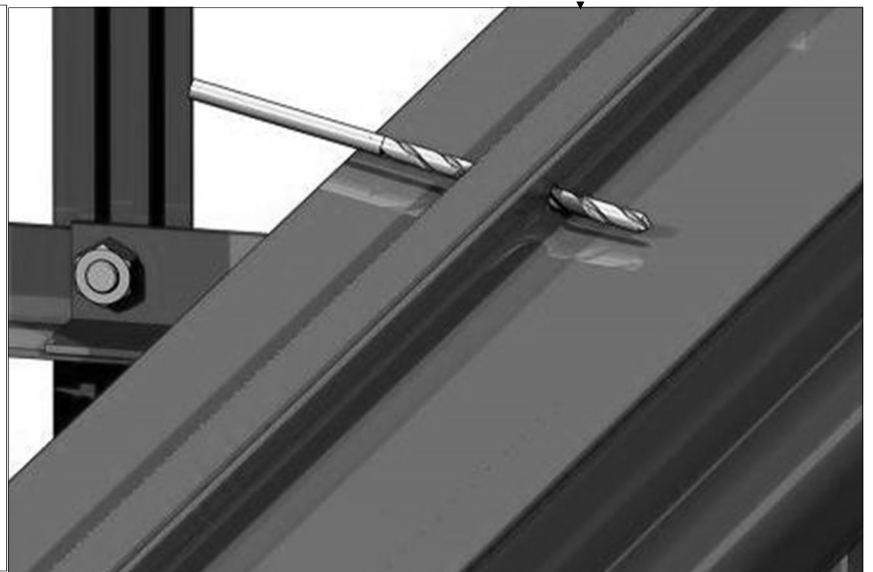
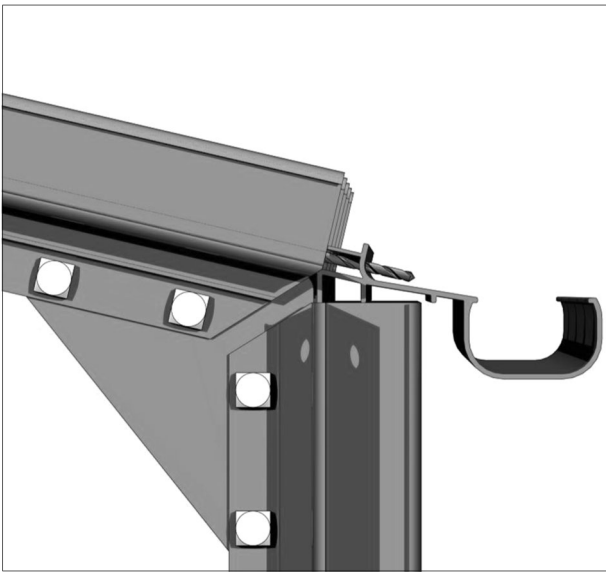
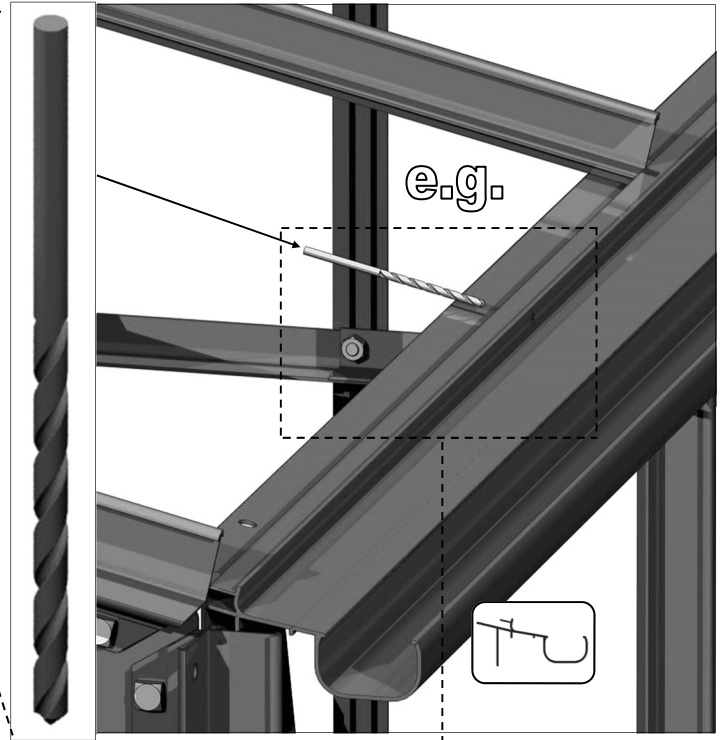
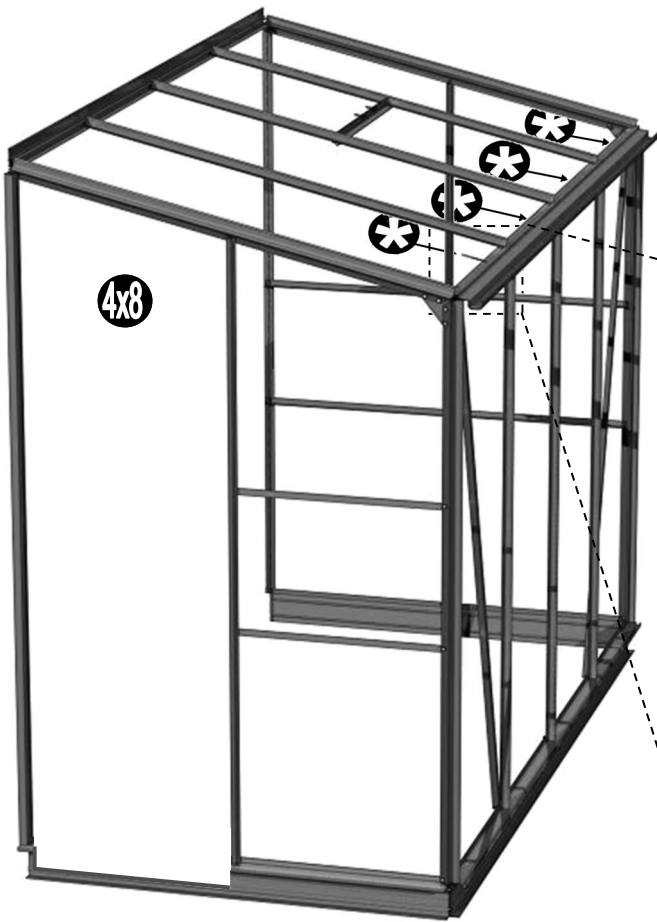
OPTIONAL



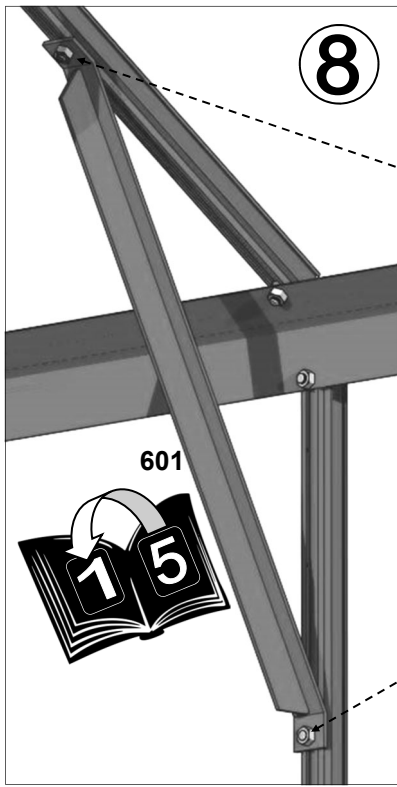
5b

7

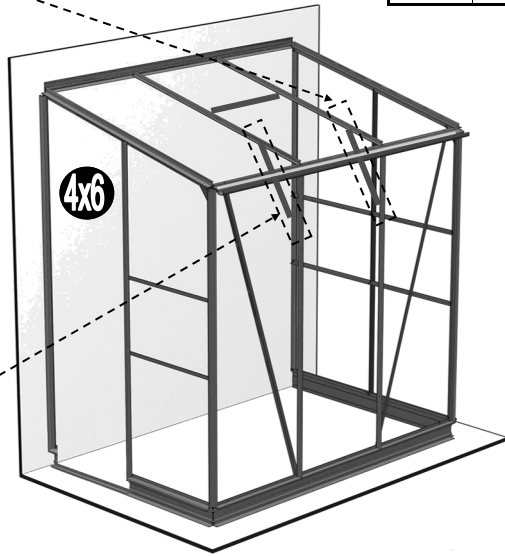
* = DRILL 5mm WEEP HOLES EVERY 2'



5c

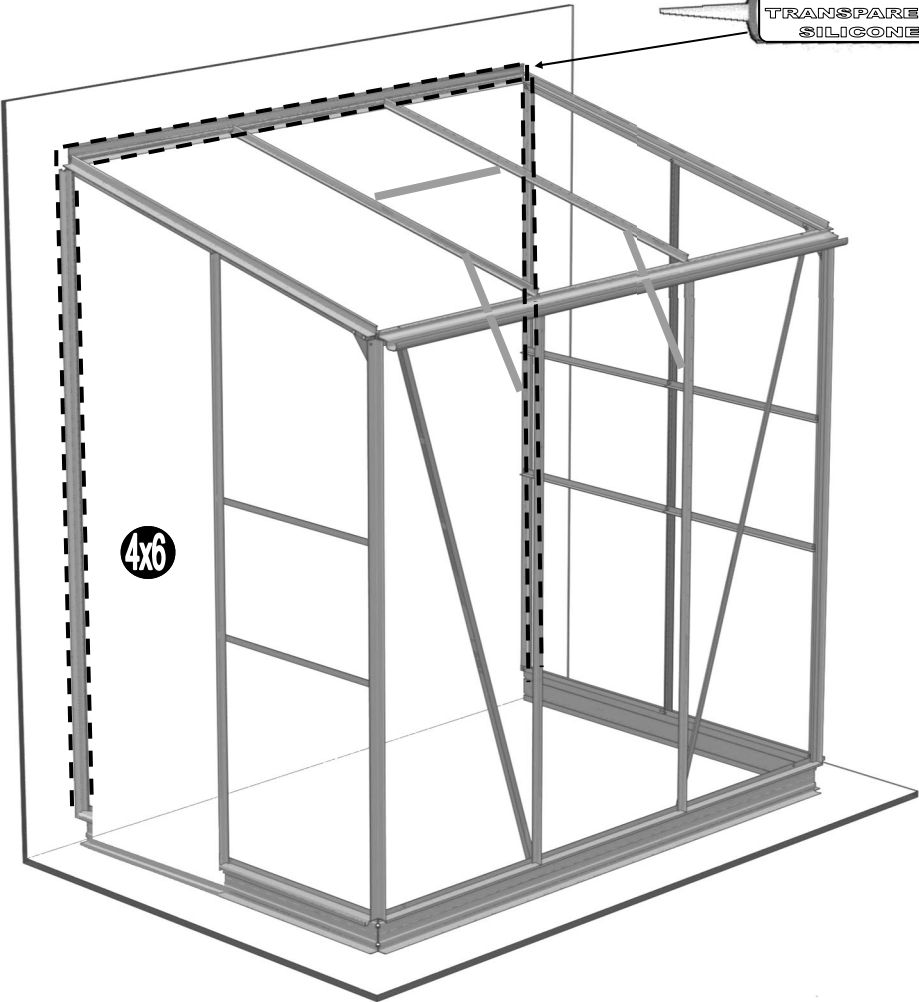


Part No	mm	Quantity				
		4x4	4x6	4x8	4x10	4x12
601	460	1	2	3	4	5
	M6	2	4	6	8	10

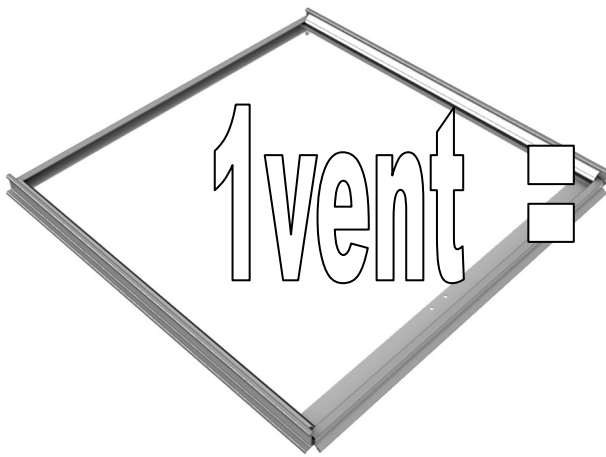


9

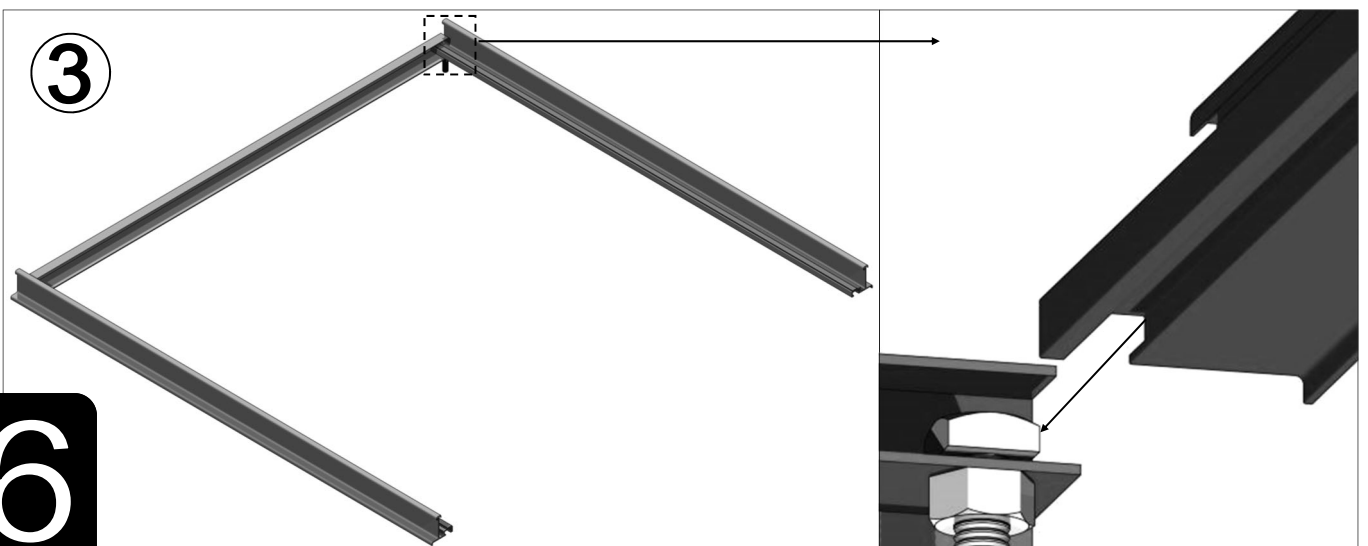
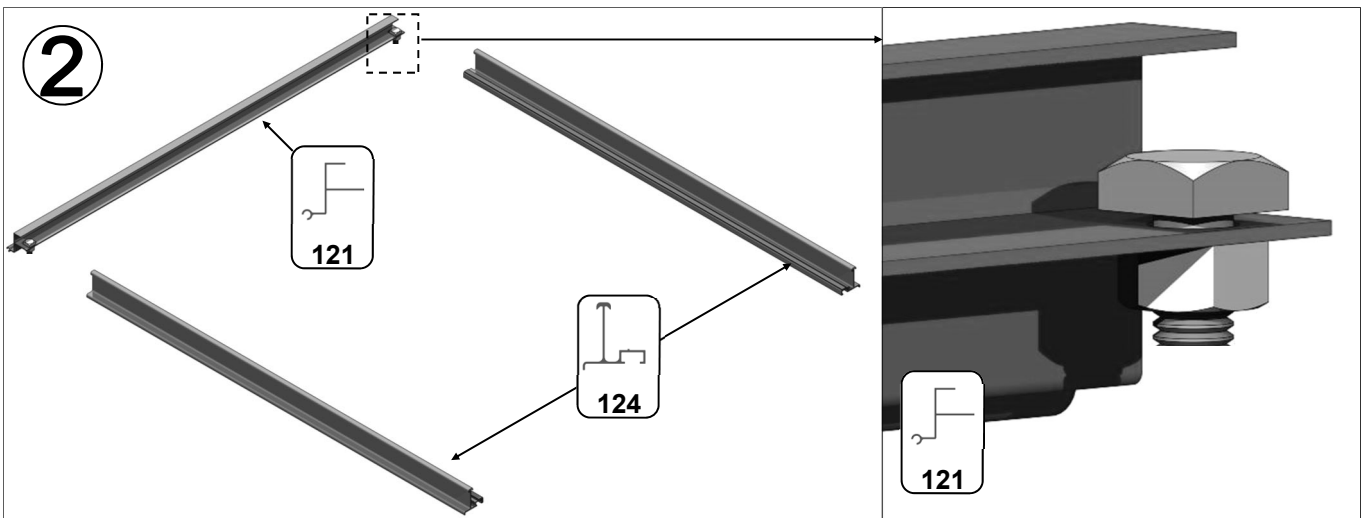
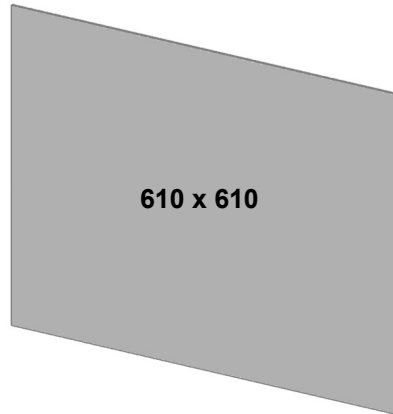
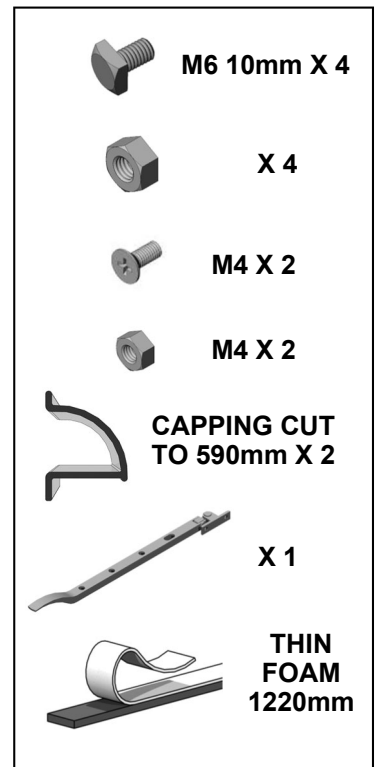
NOT SUPPLIED

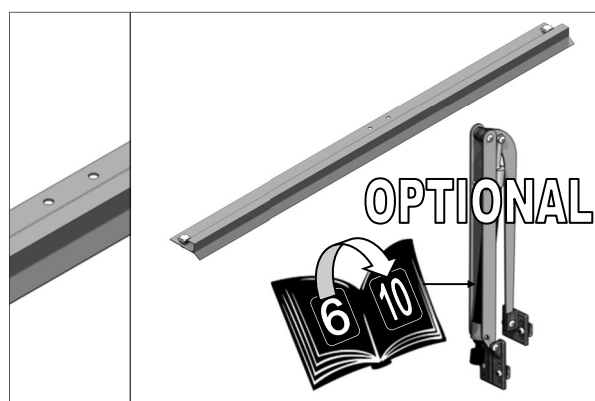
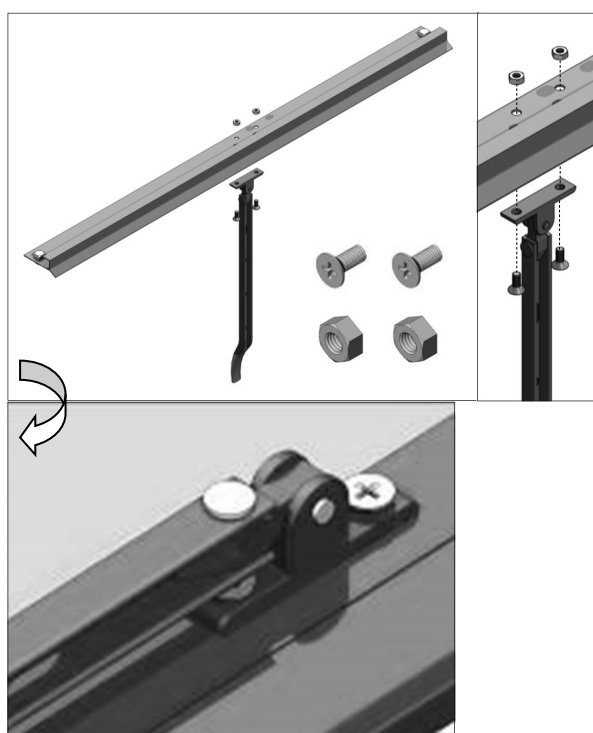
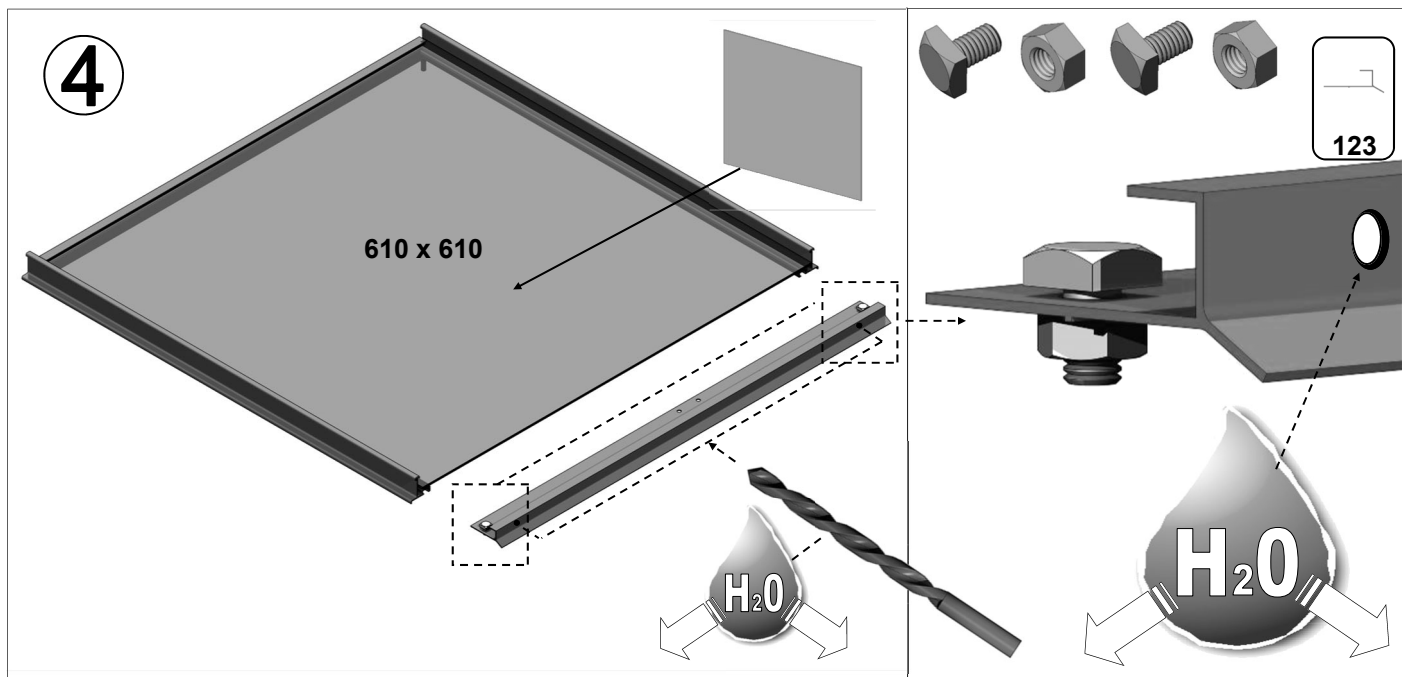


5c

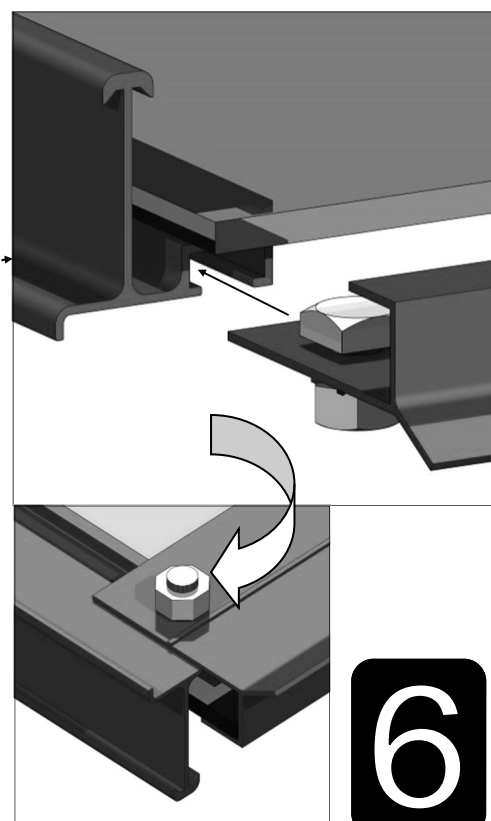
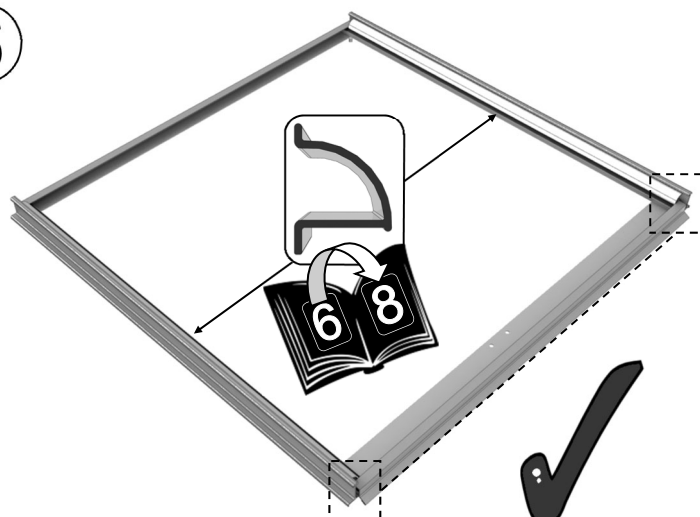


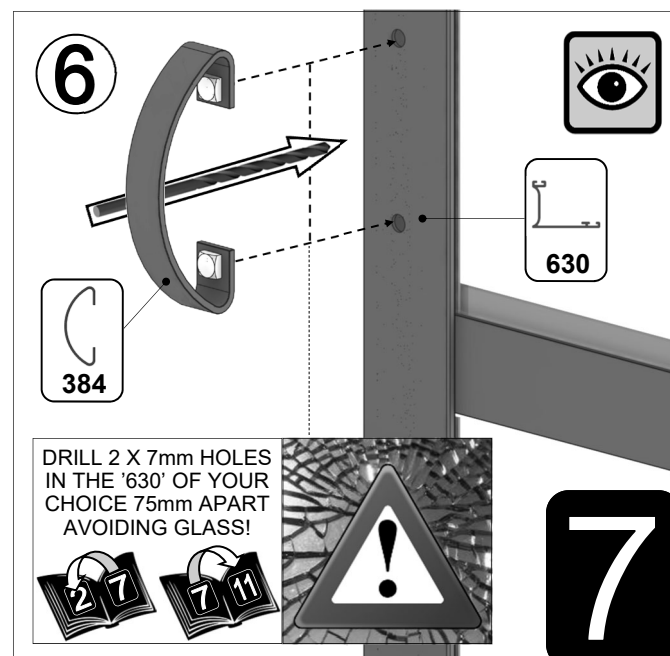
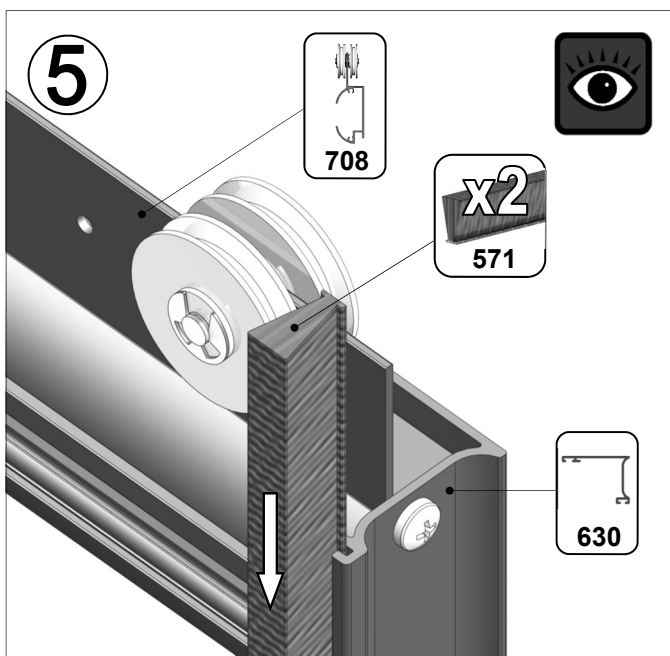
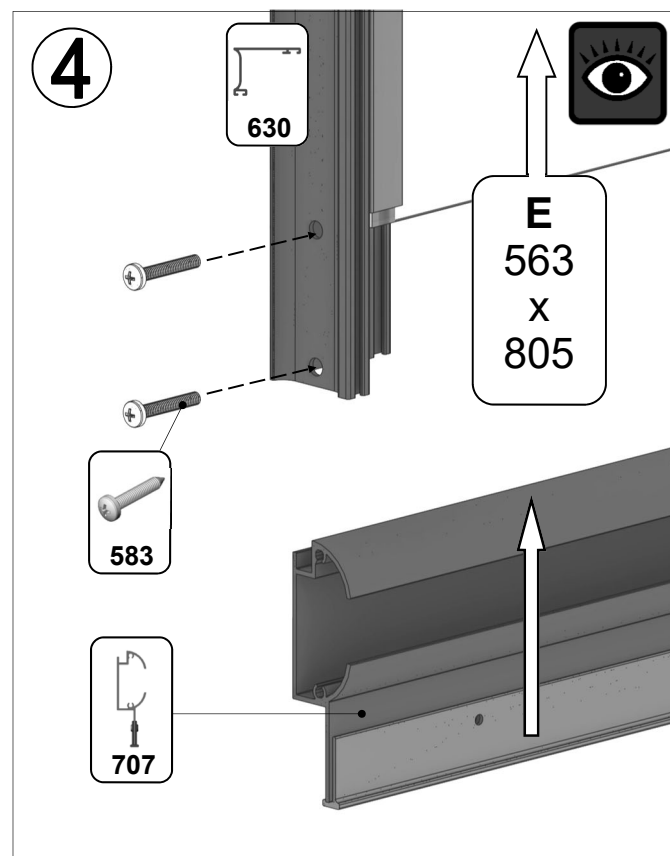
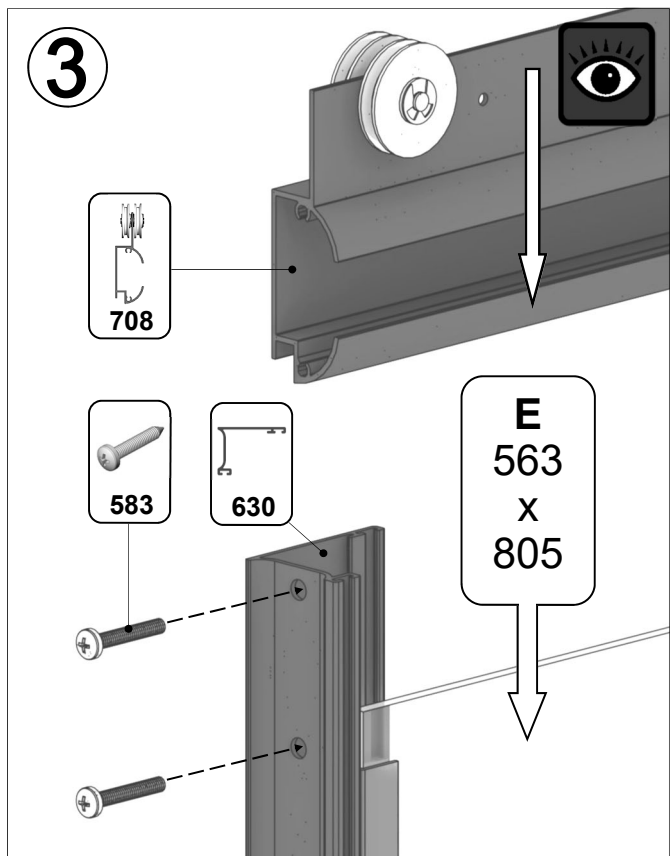
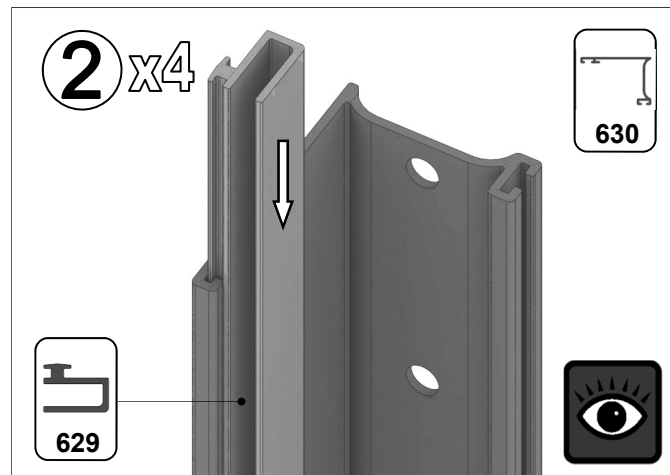
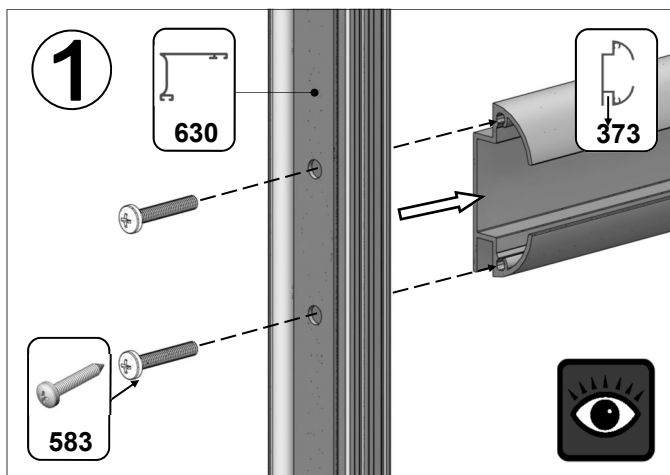
Part No	mm	Quantity
121	612	1
123	612	1
124	610	2

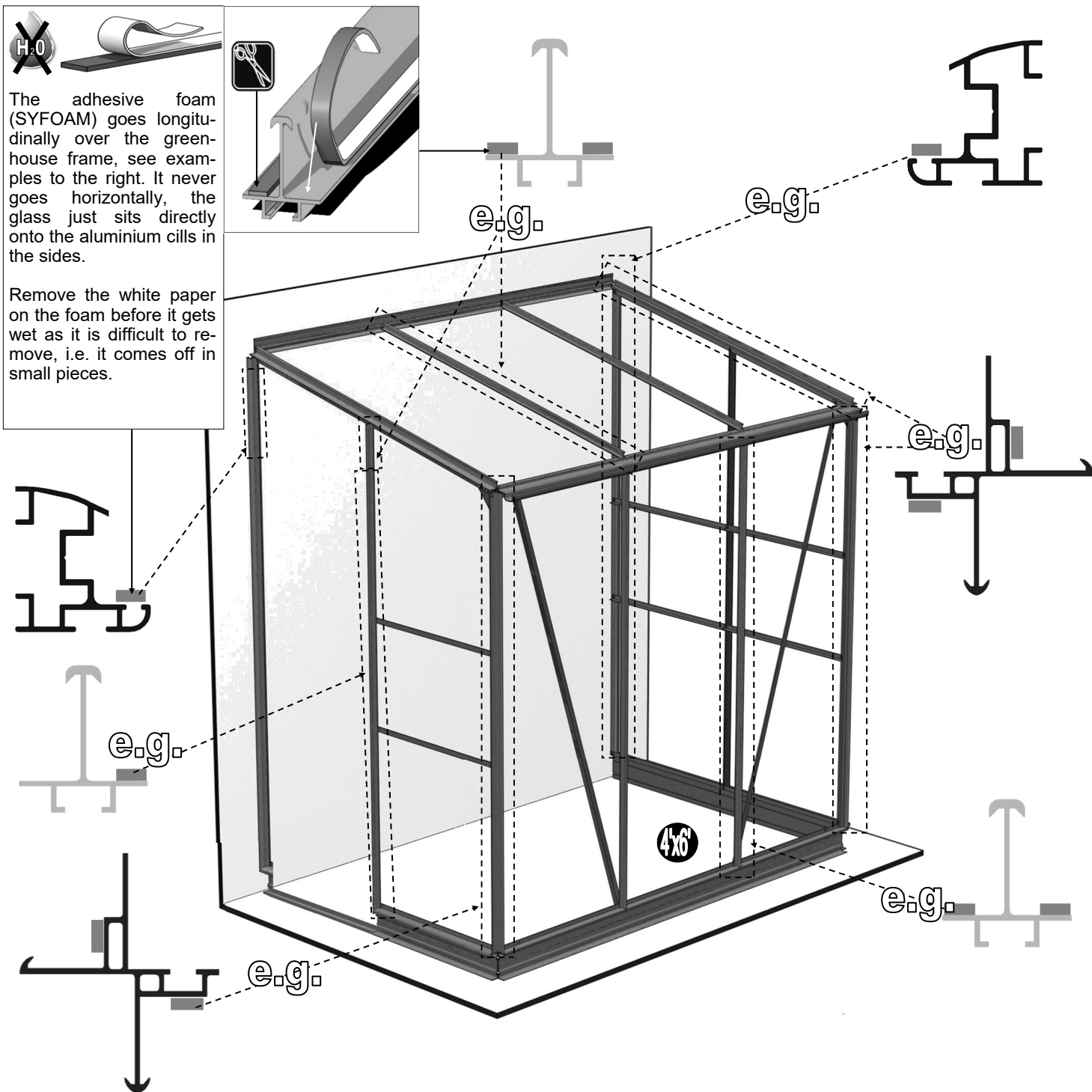




6



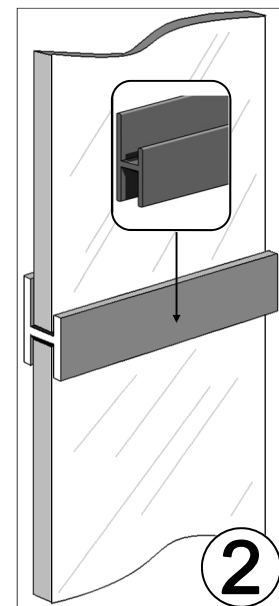
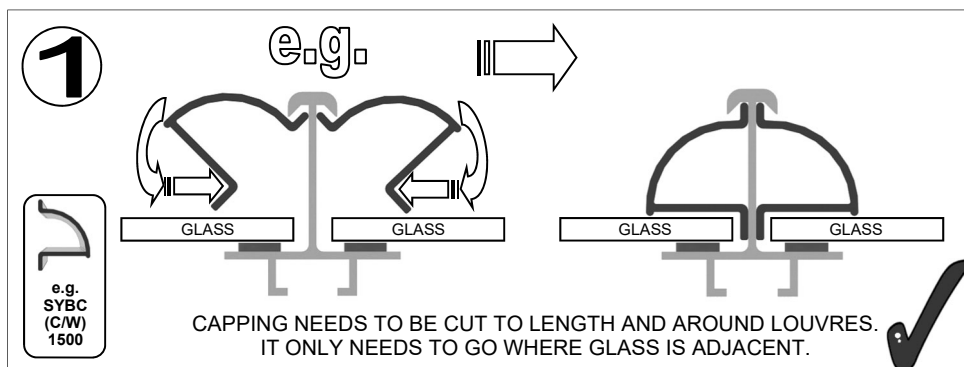




4LT Glazing tips:

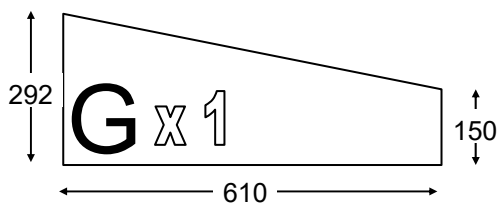
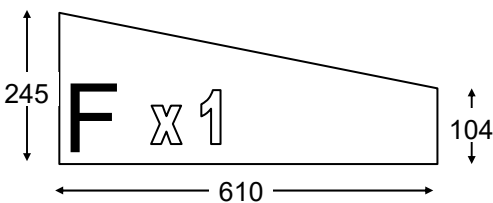
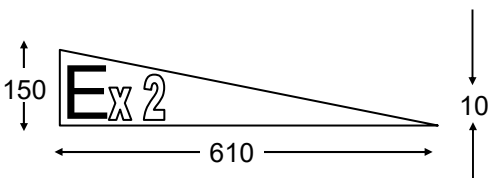
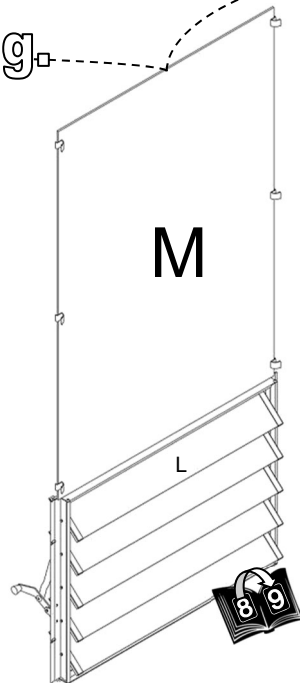
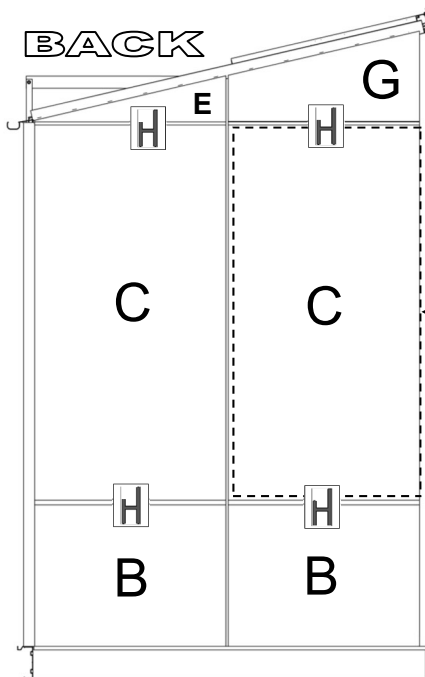
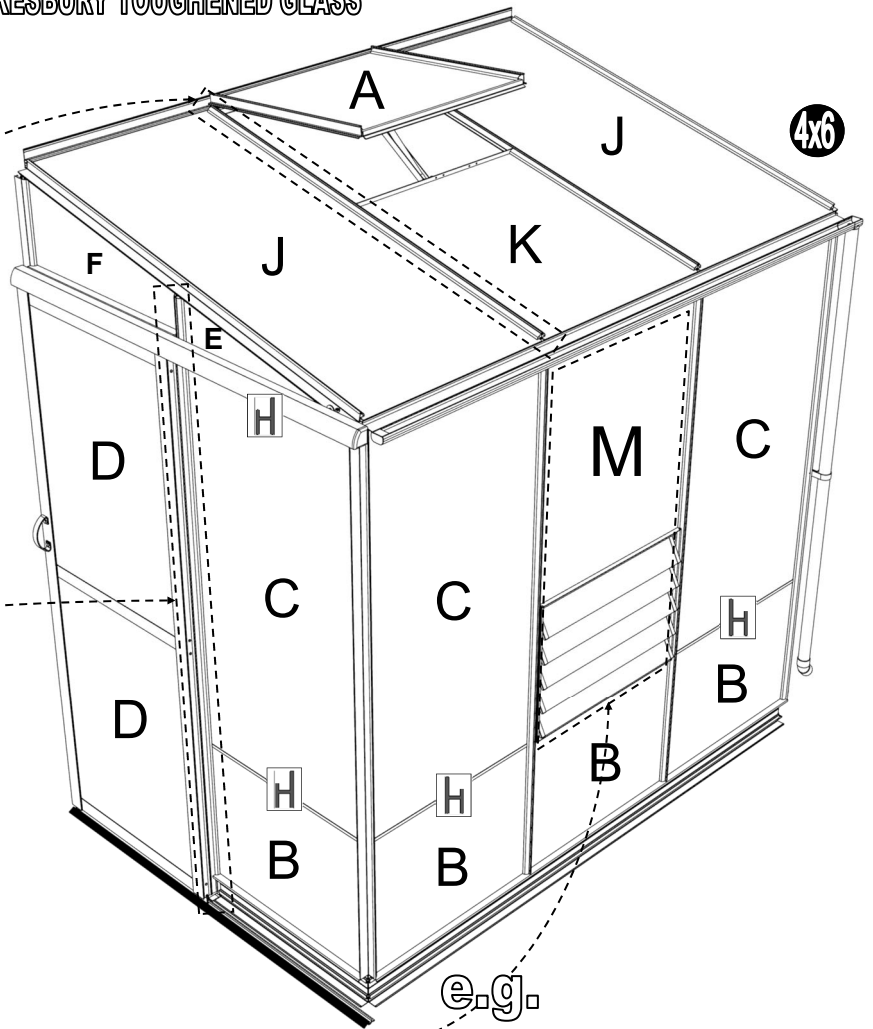
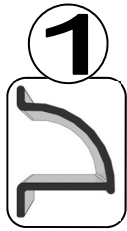
- The foam goes laterally all over the frame as per the examples in the diagram including the roof corner bars. It never goes horizontally, the glass just sits directly onto the aluminium cills in the sides.
- Remove the white paper on the foam before it gets wet as it is difficult to remove, i.e. it comes off in small pieces.

8





TEWKESBURY TOUGHENED GLASS

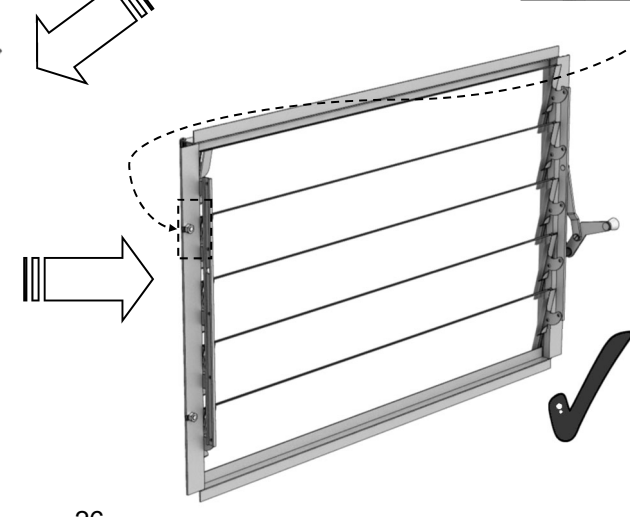
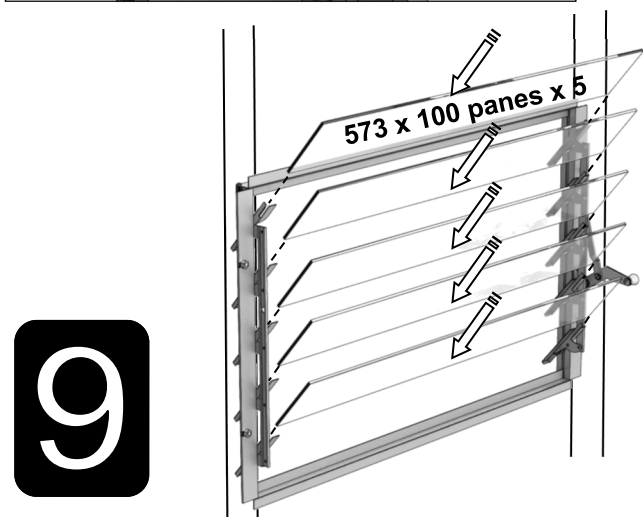
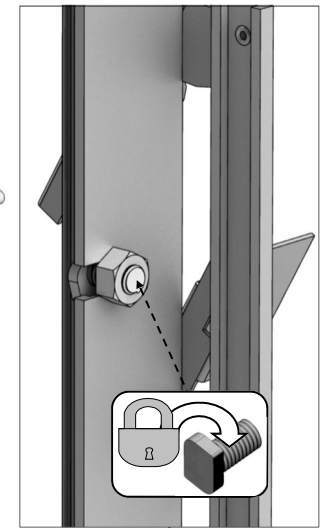
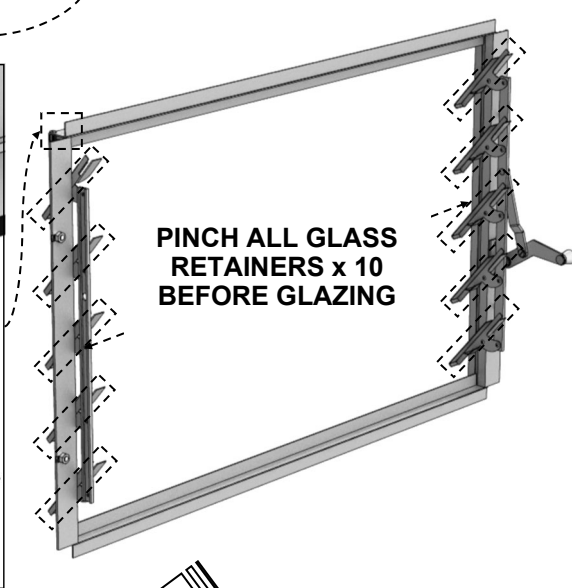
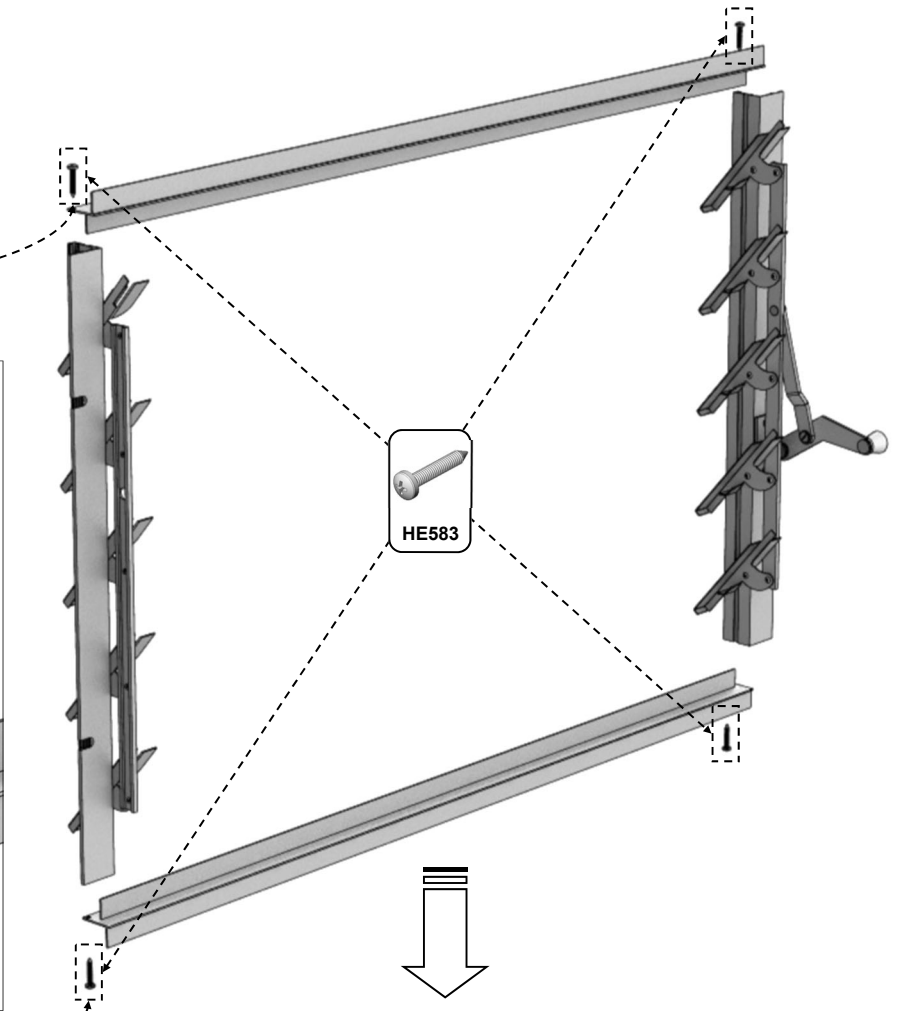
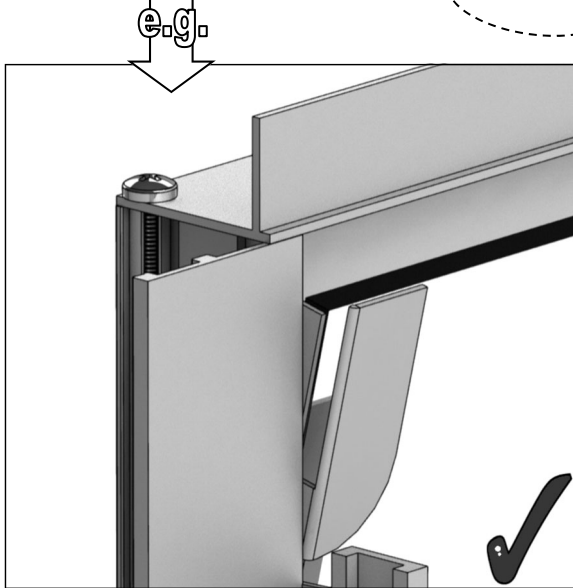
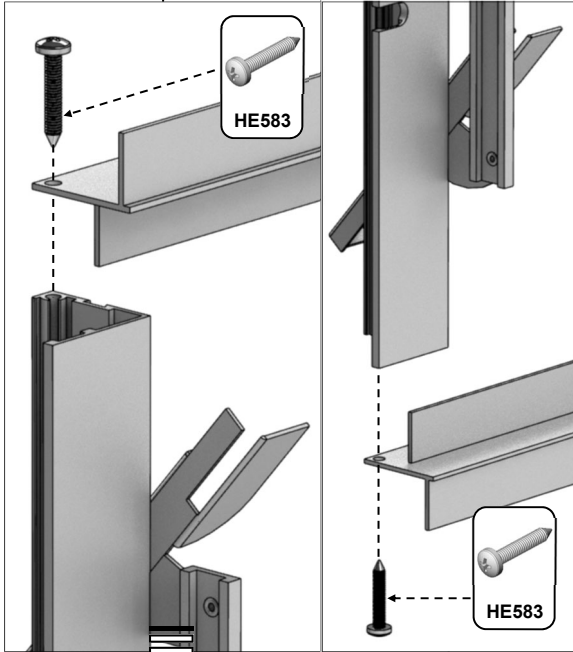


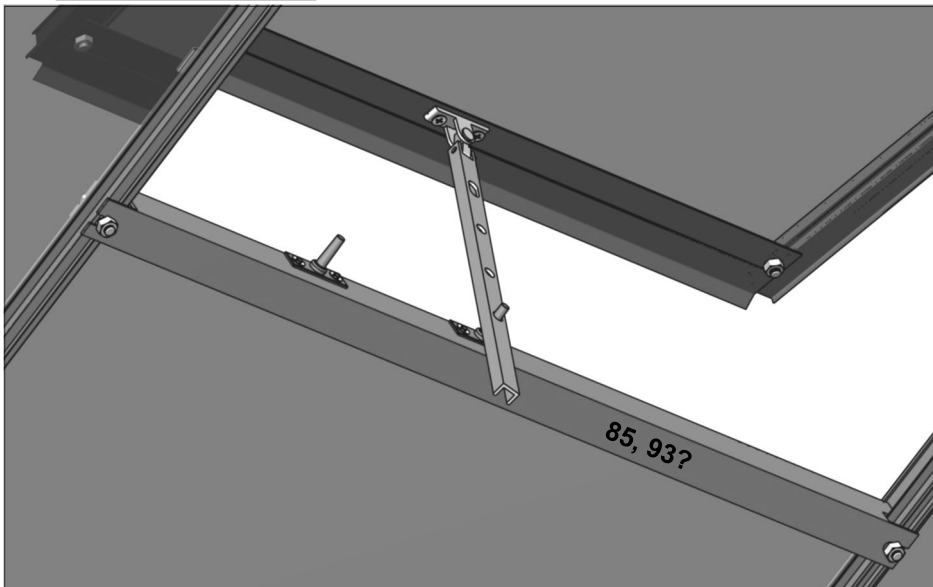
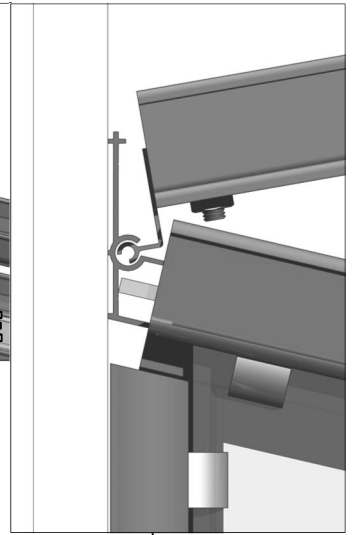
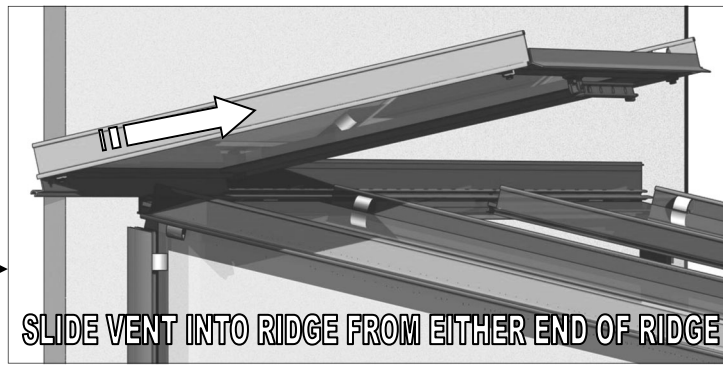
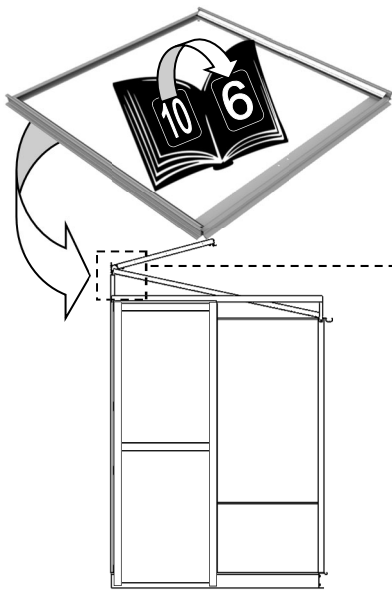
	Size (mm)	4'	6'	8'	10'	12'
A	610 X 610	1			2	
B	610 X 457	5	6	7	8	9
C	610 X 1210	4	5	6	6	7
J	610 X 1298	1	2	3	3	4
K	610 X 700	1			2	
D	563 X 805	2				
H	ROSEPS - 610mm	7	8	9	9	10

LOUVRE/S CAN GO MID-SIDE OR OPPOSITE DOOR (4' OPPOSITE DOOR ONLY!)						
	Size (mm)	4'	6'	8'	10'	12'
M	610 x 759	1			2	
L	573 x 100	5			10	

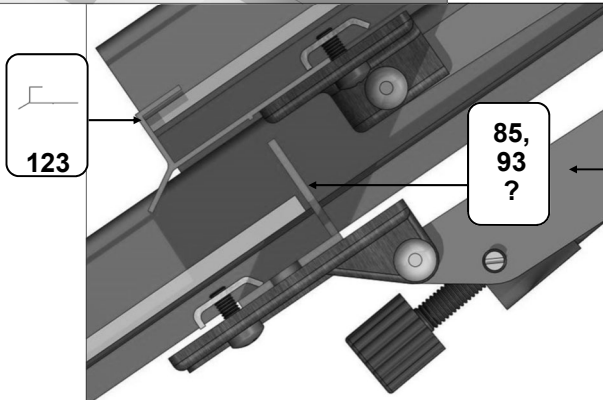
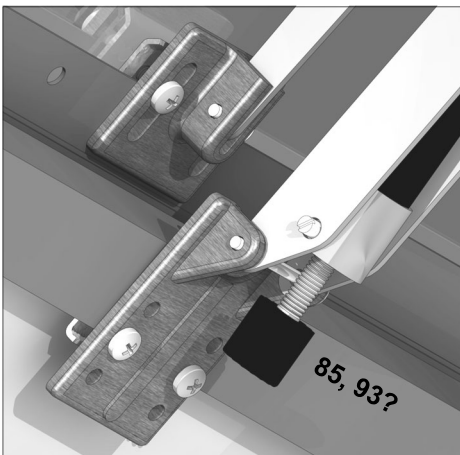


9	Part No	HE583	SYBOL M6X11 CROP	SYNUT M6
	Detail			
	Length 'mm'	19	11	N/A
	Quantity	4	4	4



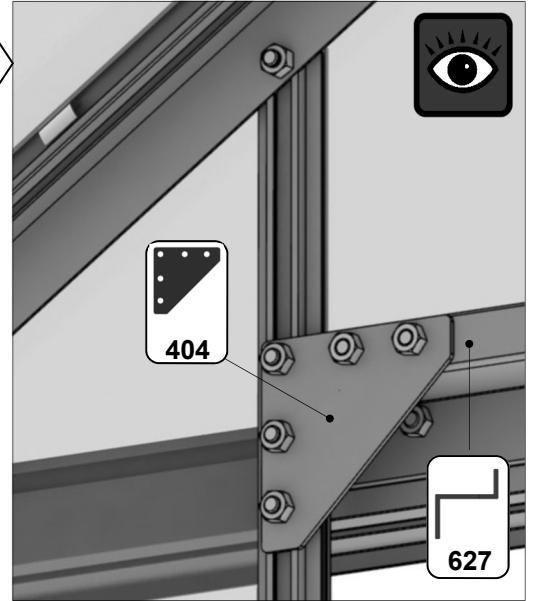
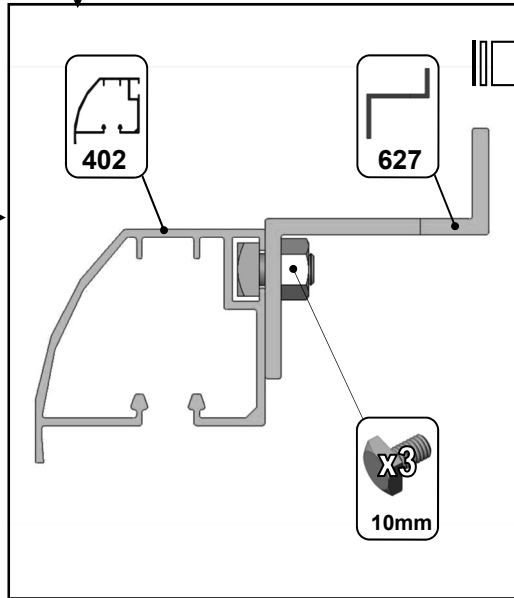
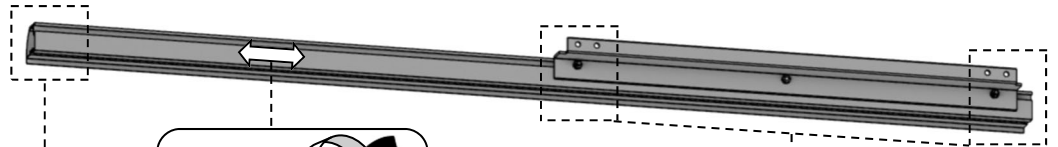
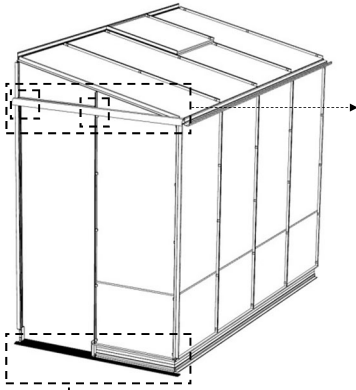


OPTIONAL

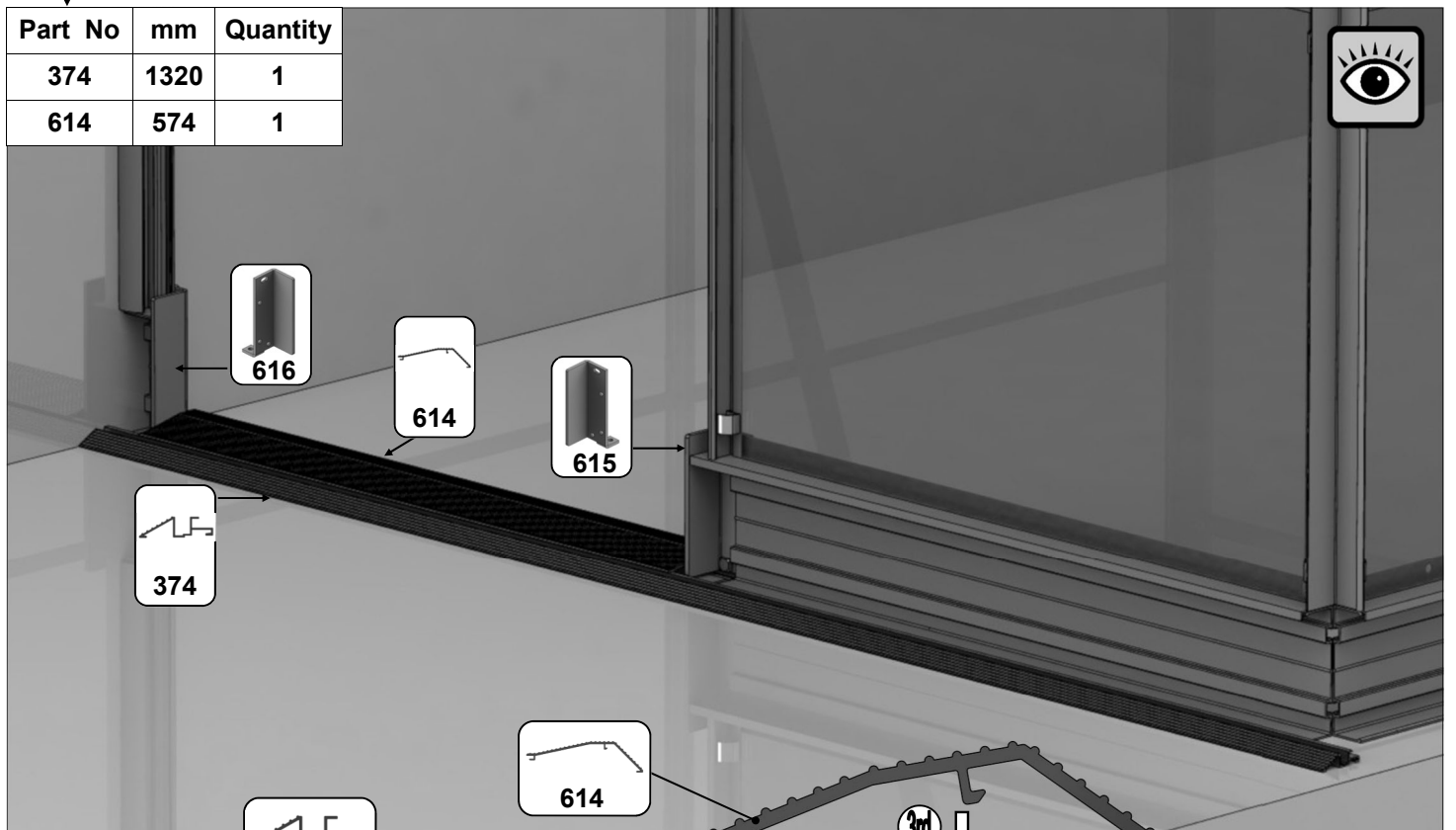


10

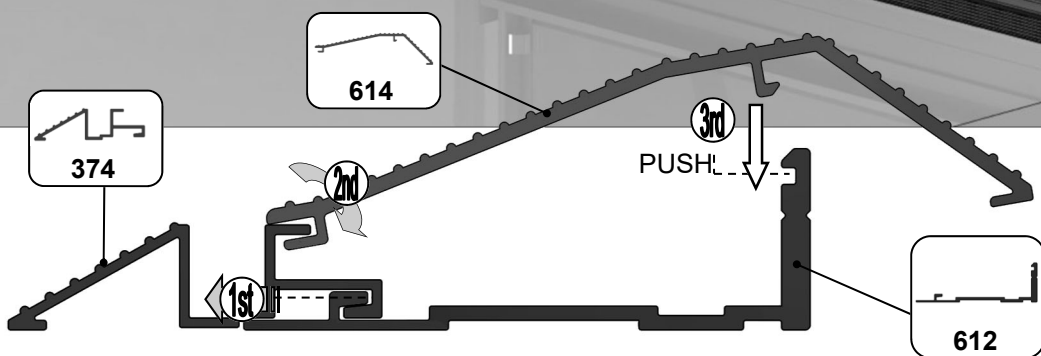
Part No	mm	Quantity
402	1320	1
627	612	1
SYBOLM6X11		7
SYNUTM6		7

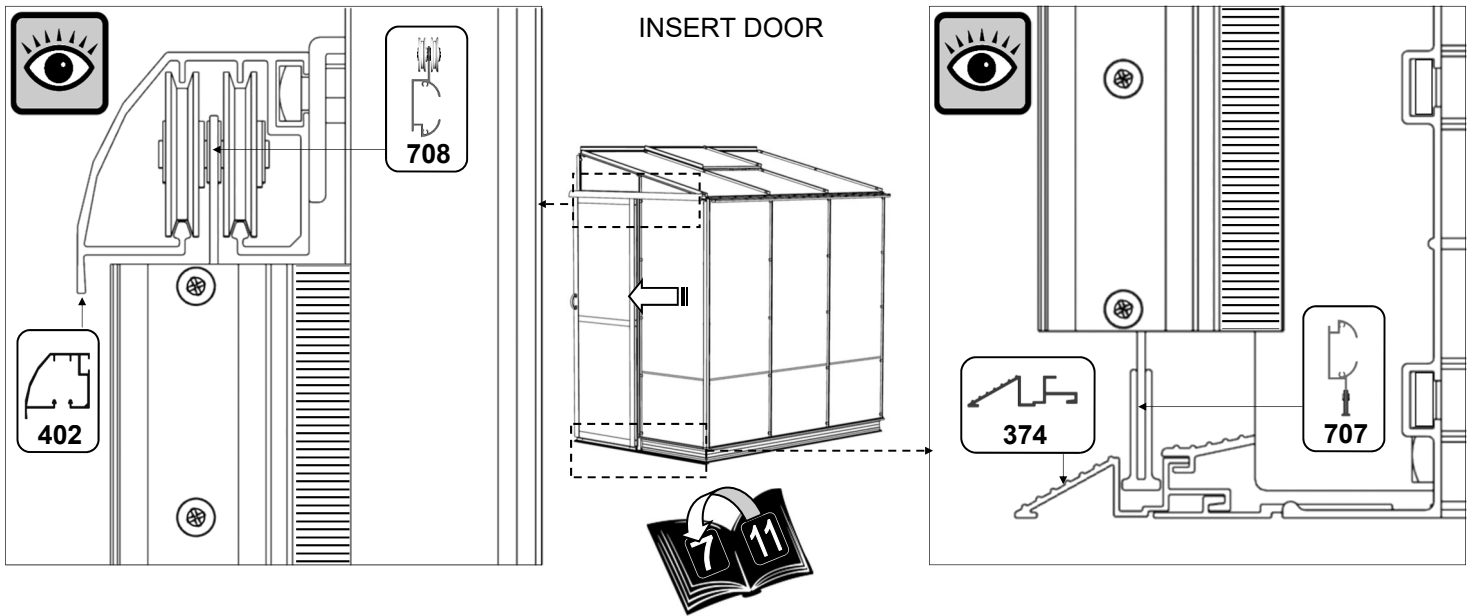


Part No	mm	Quantity
374	1320	1
614	574	1

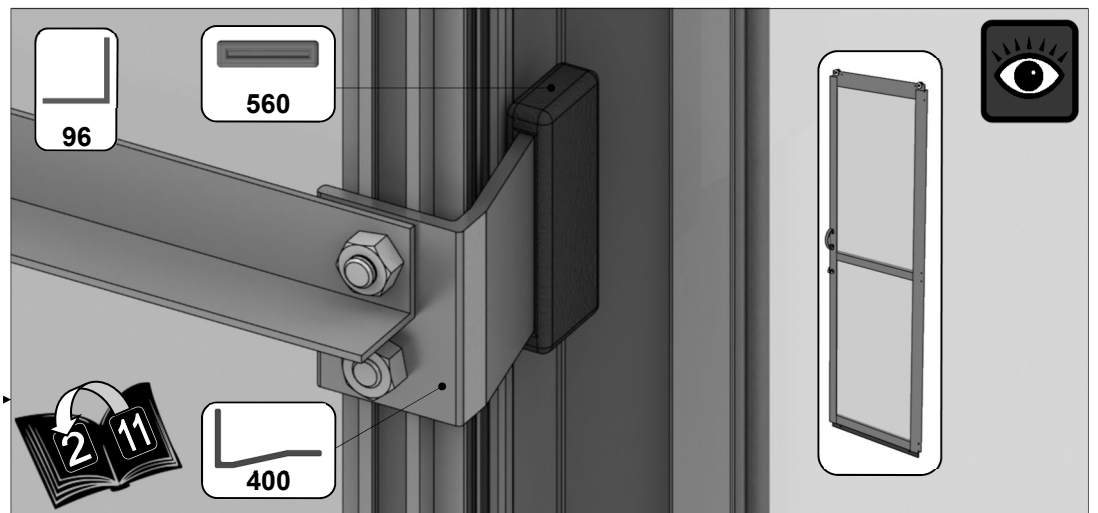
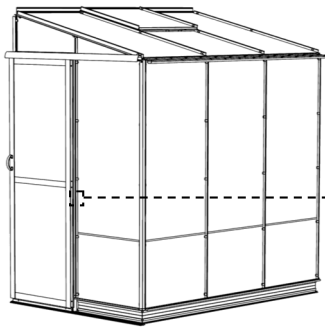


11

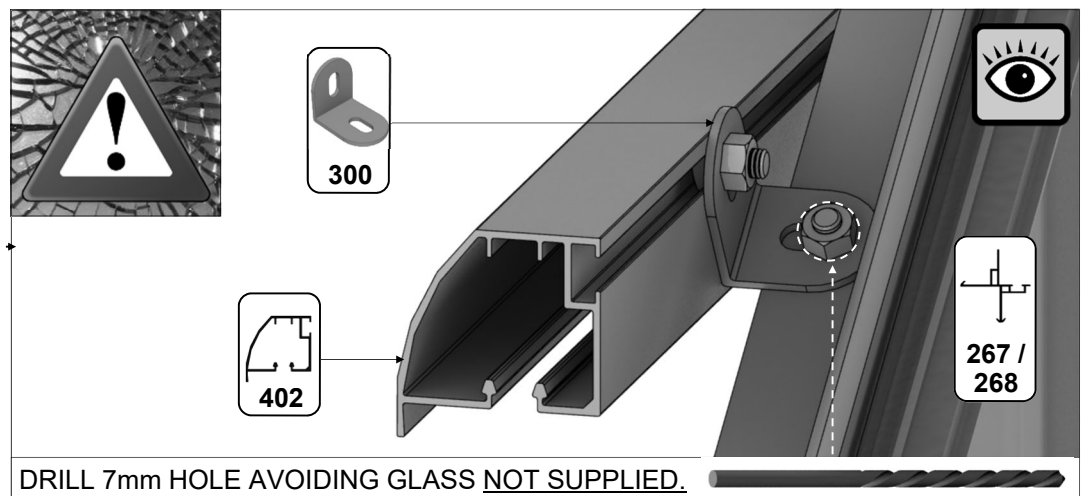
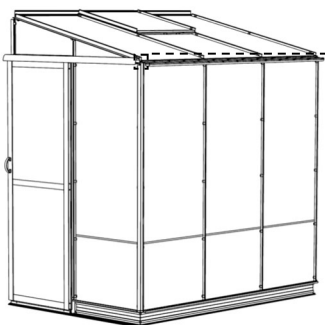




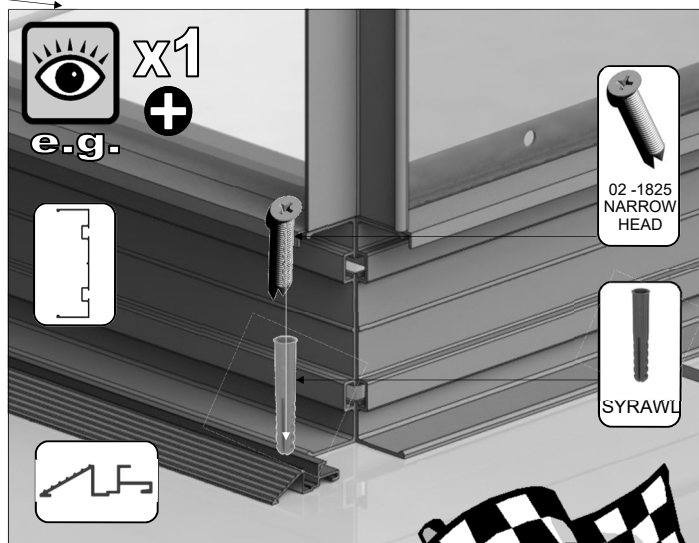
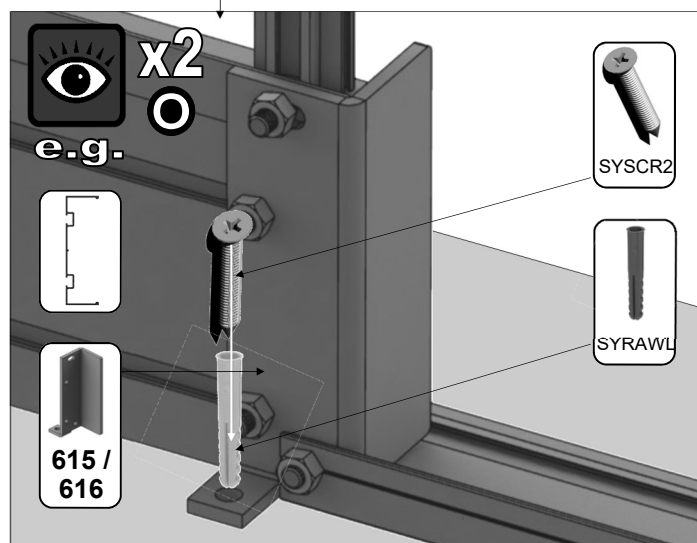
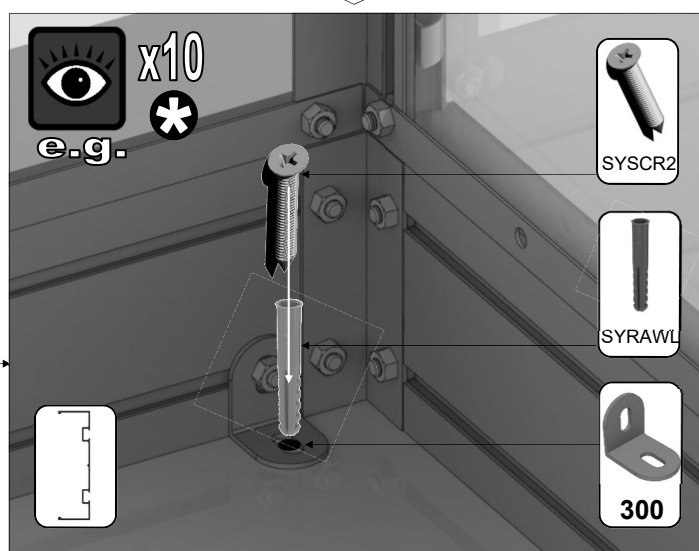
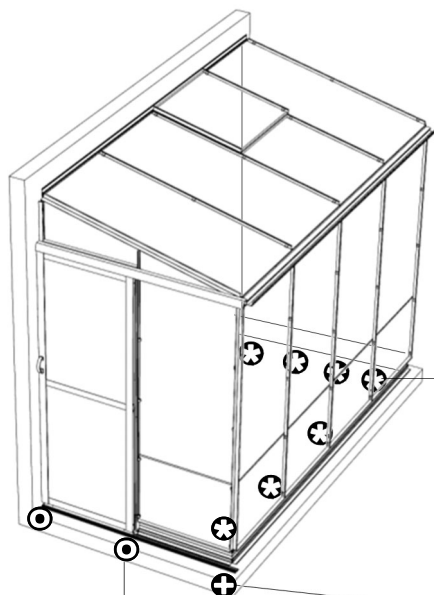
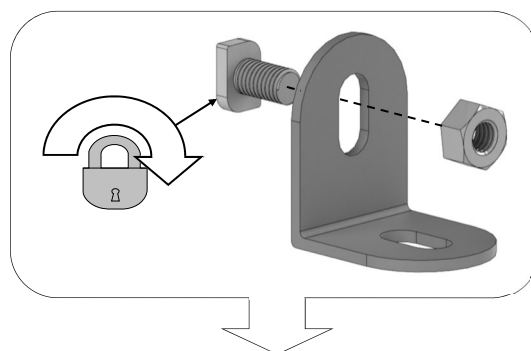
Part No	mm	Quantity
400	n/a	1
560	n/a	1
SYNUTM6		1



Part No	mm	Quantity
300	n/a	1
SYBOLM6X11		2
SYNUTM6		2



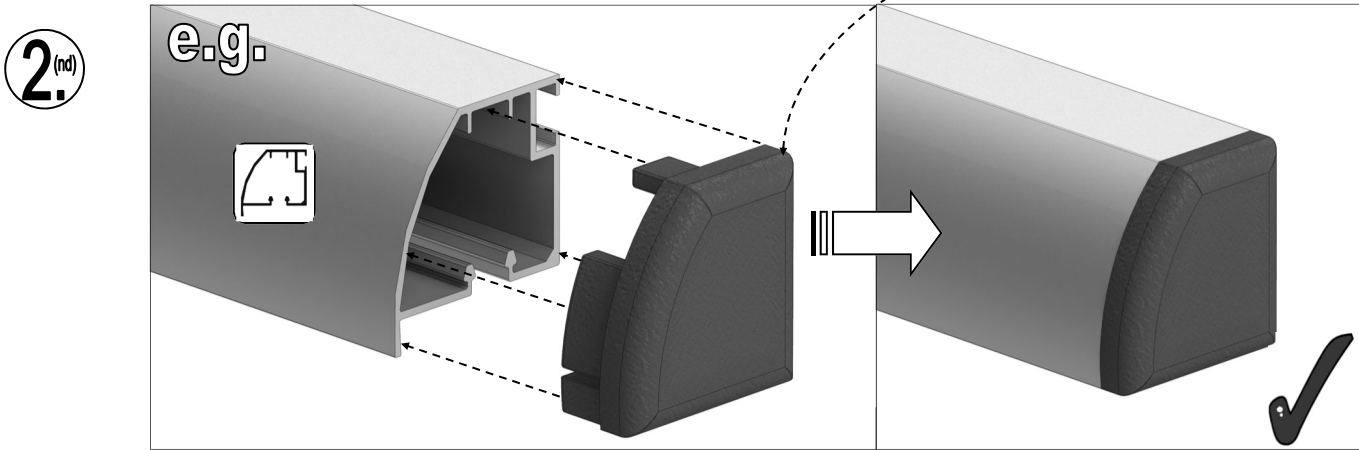
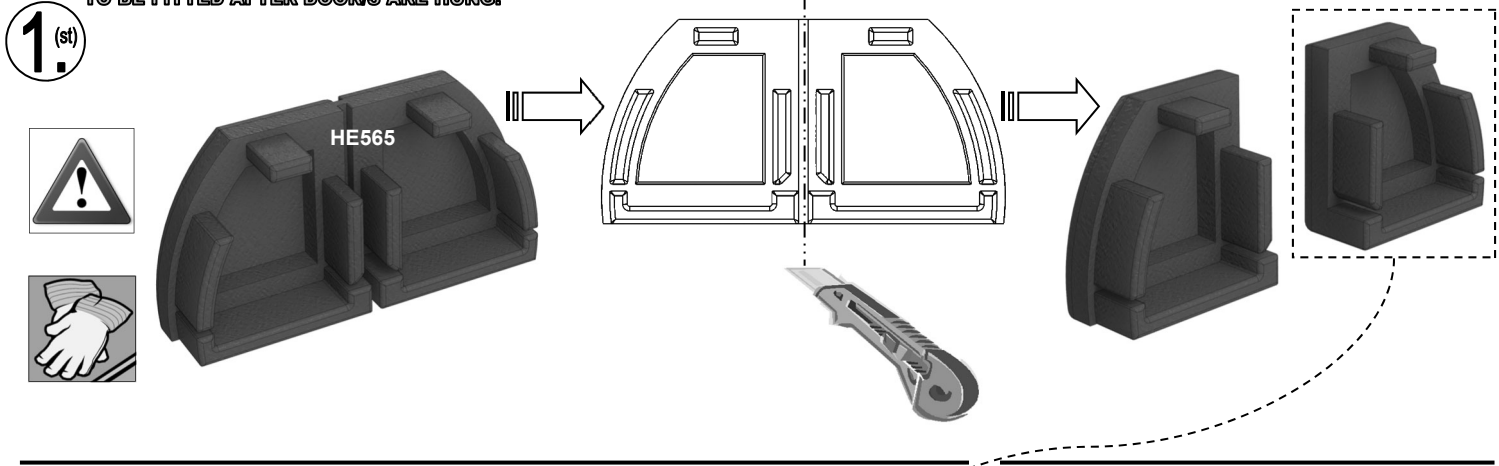
Part No	mm	Quantity
02 -1825 NARROW HEAD		2
SYSCR2		10
SYRAWL		12
300		10
SYBOLM6X11CROP		10
SYNUTM6		10



12



HE565 DOOR TRACK CAPS
TO BE FITTED AFTER DOORS ARE HUNG!

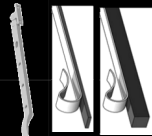


HE-TEW - FRAME SMALLS INC. BASE						
Part No.	Section	4'	6'	8'	10'	12'
SYBOLM6 X11		74	82	88	96	102
SYBOLM6 X15		8				
SBOLM6 X11CROP		21	20			
SYNUTM6		103	110	116	124	130
HE300/C		10				
SY613/C		4				
SY271/C		2				
SYSMA VENT/C	VENT SMALLS	1		2		
SY STAY/C		1		2		
SYSCR2		28	30	32	34	36
02-1825		2				
SYRAWL		30	32	34	36	38
D250B (=100)		103	110	116	124	130
SY159/C		10				

DOOR PACK SMALLS						
Part No.	Section	4'	6'	8'	10'	12'
HE300/C		1				
SY616/C		1				
SY615/C		1				
HE384/C		1				
HE583		12				
HE565		1				
HE571		4m OF DRAFT EXCLUDER				
HE400/C		1				
HE560		1				
HE404/C		2				

4'LT TEWKESBURY packing List

No	mm	4'	6'	8'	10'	12'
1	3720	PACKED SEPARATELY				1
5	3100	PACKED SEPARATELY				1
17	2480	1				
25	1860	1				
55	1240	1				
85	628	1				
93	636		1	1	2	2
96	614	4	4	4	4	4
121	612	1	1	1	2	2
123	612	1	1	1	2	2
124	610	2	2	2	4	4
225	1240	1				
226	1860		1			
227	2480			1		
228	3100	PACKED SEPARATELY				1
229	3720	PACKED SEPARATELY				1
250	3720	PACKED SEPARATELY				1
251	3100	PACKED SEPARATELY				1
252	2480			1		
253	1860		1			
254	1240	1				
265	1670	1	1	1	1	1
266	1670	1	1	1	1	1

No	mm	4'	6'	8'	10'	12'
267	1279	1	1	1	1	1
268	1279	1	1	1	1	1
269	1670	1	2	3	4	5
270	1745	1	2	2	2	2
272	1813	1	1	1	1	1
273	1813	1	1	1	1	1
274	1957	1	1	1	1	1
275	1957	1	1	1	1	1
276	1279	1	2	3	4	5
277	645	2	2	2	2	2
278	1252	1	1	1	1	1
279	636	1	1	1	1	1
601	460	1	2	3	4	5
626	19	1	1	1	1	1
		1	1	1	2	2
		2 rolls	3 rolls	3 rolls	4 rolls	4 rolls
		2 rolls	2 rolls	2 rolls	3 rolls	3 rolls
	SYBC (COW) 1500	6	8	10	12	14
	SYBC (COW) 2000	12	14	16	18	20
1 'EPSILON' Single LT Door Box						
1 smalls pack for correct size of building						
1 drop door smalls pack CASMA1						
BOX PACKED BY						