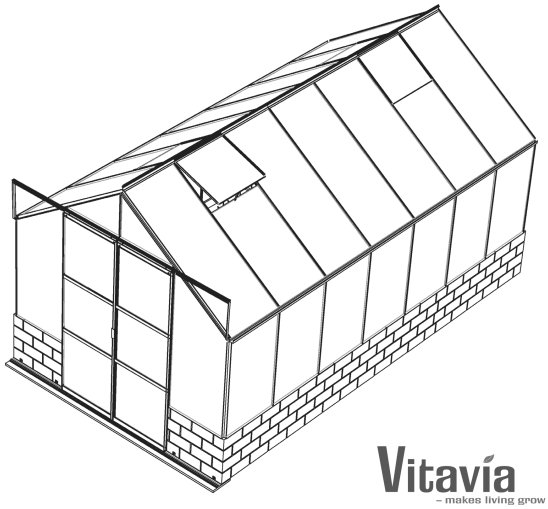
Greenhouse Stores

ASSEMBLY GUIDE

Cassandra 11500

8x14 Vitavia greenhouse



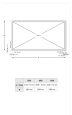
9
steps, base first

2
people needed

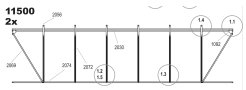
4420 mm × 2564 mm
base size (A × B)

Online version with every size: www.greenhousestores.co.uk/instructions/vitavia-cassandra/

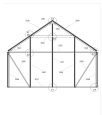
The build at a glance



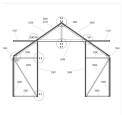
0
Prepare the foundation and wall



1
Build both side frames



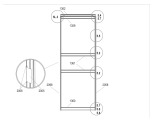
2
Build the back gable



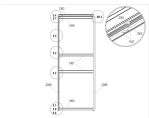
3
Build the door gable



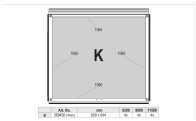
4
Join and position the frame



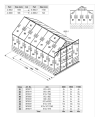
5L
Fit the left-hand door



5R
Fit the right-hand door



6
Build and fit roof vents



7
Fit the glass

Drawings: Vitavia (Vitavia manual 063.01.1905 (Cassandra, VM0038-C)). Words and layout: Greenhouse Stores, greenhousestores.co.uk. Keep this guide with your greenhouse.

READ THIS FIRST

Before you start

Six golden rules

1. Build frames loose; tighten only when the whole greenhouse stands square on its base.
2. Measure both diagonals; they must be equal.
3. Never overtighten nuts 1002: maximum 3 Nm. Overtightening strips aluminium and cracks glass.
4. Fit extra bolts when instructed; you cannot add them after bar ends are capped.
5. Build with two people.
6. Always anchor your greenhouse. An unanchored greenhouse can blow away.

Get ready

- [ ] Read the whole guide once before you start.
- [ ] Gather flat/PH2 screwdrivers, 10 mm socket spanner/wrench, 10 mm combination spanner, knife, tape measure, spirit level. Set cordless drill adjustable torque low.
- [ ] Wear gloves, safety glasses, sturdy shoes and a hat. Aluminium edges are sharp. Clear up broken glass straight away.
- [ ] Open one bundle at a time and keep opened bundles apart. Mixed bundles are the main cause of lost-part searches.
- [ ] Check every part against the parts check pages. Contact Greenhouse Stores before you begin if anything is missing.
- [ ] Read single-frame drawings as views from inside the greenhouse. Read double-frame drawings as views from outside.
- [ ] Choose a sunny spot with as much shelter from wind as possible.

Read next: 10 common greenhouse installation mistakes (and how to avoid them)

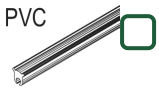
 Single frame: inside view  Double frame: outside view

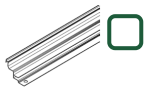
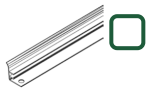
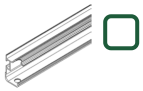
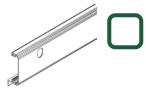
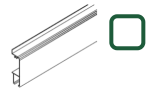
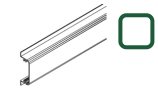
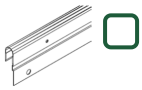
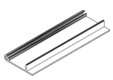
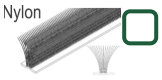
BEFORE STEP 1

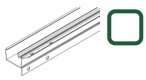
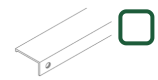
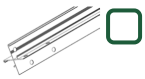
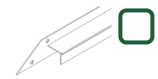
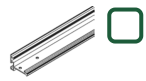
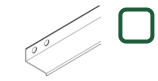
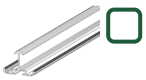
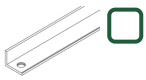
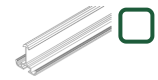
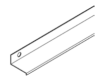
Parts check

Open one bundle at a time. Tick each part as you find it. The number in green is how many your Cassandra 11500 should have.

Bars and profiles

- ☐ 

1020 Glazing seal (reel) — 125000 mm **×1**
- ☐ 
1043 — 170 mm **×4**
- ☐ 
1063 Window sill — 635 mm **×4**
- ☐ 
1064 Vent top bar — 602 mm **×4**
- ☐ 
1065 Vent side bar — 520 mm **×8**
- ☐ 
1066 Vent bottom bar — 602 mm **×4**
- ☐ 
1067 Window opener — 295 mm **×4**
- ☐ 
1092 Corner plate — 120 mm **×12**
- ☐ 
1347 Door runner bar — 1257 mm **×2**
- ☐ 
1359 Upper bar — 621 mm **×2**
- ☐ 
1360 Door bar — 621 mm **×2**
- ☐ 
1361 — 621 mm **×4**
- ☐ 
1362 Door bar — 613 mm **×2**
- ☐ 
2005 — 100 mm **×1**
- ☐ 

2021 Door seal — 1923 mm **×2**
- ☐ 
2030 — 4350 mm **×2**
- ☐ 
2033 Cross brace — 1898 mm **×4**
- ☐ 
2035 — 2476 mm **×1**
- ☐ 
2039 — 1535 mm **×2**
- ☐ 
2040 — 1535 mm **×2**
- ☐ 
2043 Door runner support — 416 mm **×2**
- ☐ 
2048 Horizontal bar — 1318 mm **×1**
- ☐ 
2053 Ridge bar — 4350 mm **×1**
- ☐ 
2054 — 1318 mm **×1**
- ☐ 
2055 Roof glazing bar — 1511 mm **×12**
- ☐ 
2056 Corner brace — 255 mm **×12**
- ☐ 
2057 Roof brace — 1184 mm **×6**
- ☐ 
2058 Door bar — 1923 mm **×2**
- ☐ 
2060 — 633 mm **×1**
- ☐ 
2061 — 633 mm **×1**
- ☐ 
2066 — 1023 mm **×4**
- ☐ 
2067 Vertical bar — 1475 mm **×2**
- ☐ 
2068 Vertical bar — 1475 mm **×2**
- ☐ 
2069 — 1137 mm **×8**
- ☐ 
2070 Door guide — 2544 mm **×1**
- ☐ 
2071 Vertical bar — 1475 mm **×1**
- ☐ 
2072 Vertical bar — 1023 mm **×12**
- ☐ 
2073 — 2484 mm **×1**
- ☐ 
2074 — 4350 mm **×2**
- ☐ 
2091 — 175 mm **×2**
- ☐
2094 — 426 mm **×1**
- ☐
2096 — 619 mm **×2**



2098
Inside side bar
1923 mm **×1**



2099
Inside side bar
1923 mm **×1**



2100
425 mm **×2**



6602
Glazing list
1509 mm **×24**



6603
Glazing list
970 mm **×8**



6605
Glazing list
610 mm **×8**



6606
Glazing list
588 mm **×4**



6607
Glazing list
425 mm **×4**



6612
Glazing list
1021 mm **×32**



6613
Glazing list
1472 mm **×8**

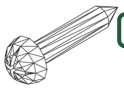
Fixings and small parts



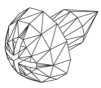
1001
Bolt
M6 × 12 **×273**



1002
Nut
M6 **×276**



1003
Screw
3.5 × 16 **×32**



1006
Screw
3.5 × 6 **×24**



1007
Nut
M4 **×4**



1009
Washer
Ø8/4 **×4**



1014
Door glider
20 **×4**



1015
Door roller
Ø22 **×4**



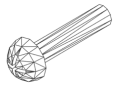
1017
End protector
46 **×4**



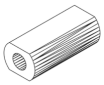
1018
End protector
43.7 **×8**



1019
Plastic cap
15 **×4**



1304
Bolt
M4 × 18 **×4**



1310
Spacer
30.4 **×2**



1500
Bolt
M6 × 5 **×2**



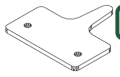
1515
Nut
M6 **×2**



2001
Bolt
M6 × 12 **×1**



2006
10 **×2**



2016
40 **×8**



2059
Holder
30 **×4**



2092
37 **×8**



4201
Bolt
M6 × 45 **×2**



5001
33 **×1**



5002
33 **×1**



6060
Washer
Ø12/6 **×2**

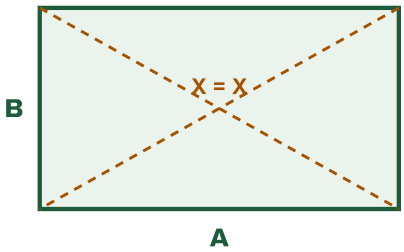


9104
Clip
19 **×21**

STEP 0

0 Prepare the foundation and wall

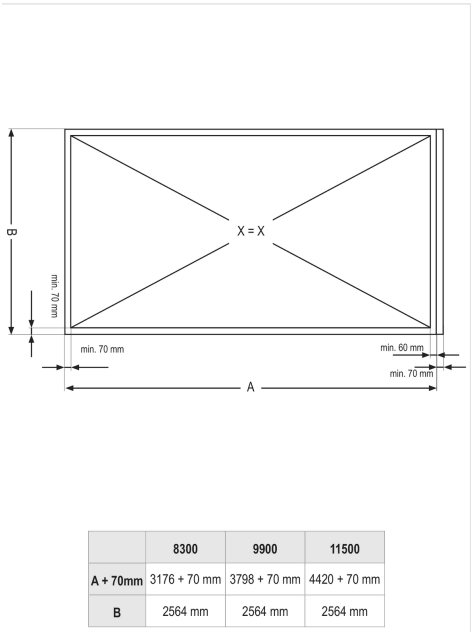
Build your foundation and 500 mm wall before you assemble the greenhouse.



	CASSANDRA 11500
A	4420 mm
B	2564 mm

WATCH OUT

If the wall is not square and level, the frame above will not be either. Glass will not fit a frame that is out of square.



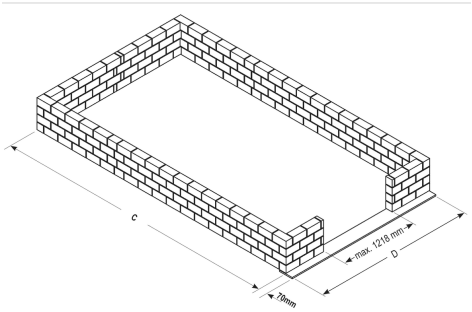
	8300	9900	11500
A + 70mm	3176 + 70 mm	3798 + 70 mm	4420 + 70 mm
B	2564 mm	2564 mm	2564 mm

Vitavia drawing 0A. The circled numbers match the pictures below.

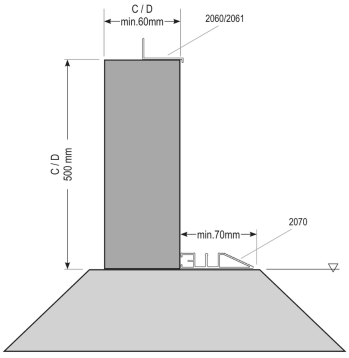
0.1

Make the foundation exactly square and level, below frost level. Use the page's A size plus 70 mm by its B size. Measure both diagonals: they must match, X = X.

0.2
Leave at least 70 mm of foundation in front of the wall to support door guide 2070 in step 4.



	8300	9900	11500
C	3166 mm	3788 mm	4410 mm
D	2544 mm	2544 mm	2544 mm



Vitavia drawing 0B. The circled numbers match the pictures below.

0.3
Build the wall 500 mm high, using drawing 0B and the C and D sizes. Leave the front door opening at 1218 mm, the maximum shown.

0.4
Check the wall is exactly square and level. Make the wall top at least 60 mm wide for base profiles 2060 and 2061.

0.5
Only on very windy, exposed sites, drill through the greenhouse base profiles and fix them to the wall top. Supply your own screws and wall plugs.

STEP 1

1 Build both side frames

Build two identical side frames flat on the ground, with every bolt loose.

YOU NEED



1001 ×56



1002 ×56



1092 ×4



2030 ×2



2056 ×12



2069 ×4



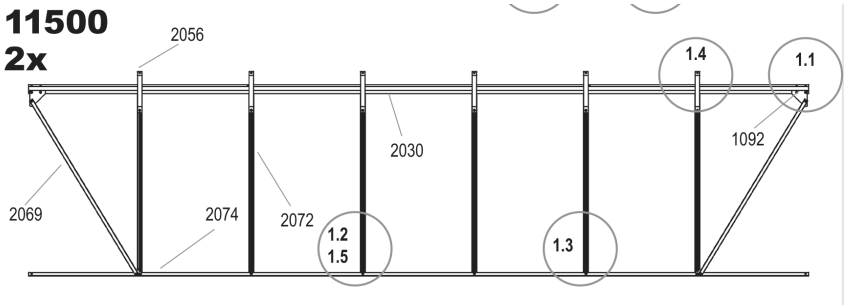
2072 ×12



2074 ×2



2092 ×4



Vitavia drawing 1. The circled numbers match the pictures below.

INSTALLER TIP

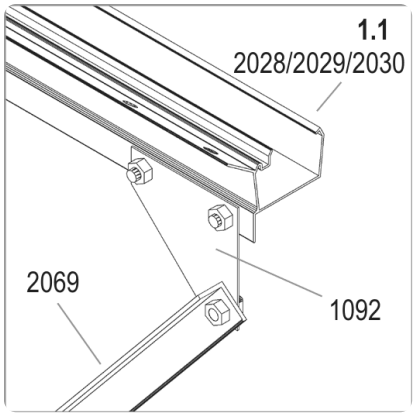
When we assemble these frames, we use a blanket or lawn to protect the finish. Leave every nut loose so the frames can flex when joined in step 4.

WATCH OUT

Insert all extra bolts now. You cannot add them once the bar ends are closed.

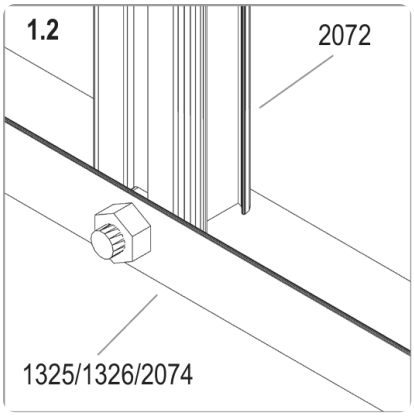
Watch: Build the sides

Scan with your phone camera. Vitavia video.



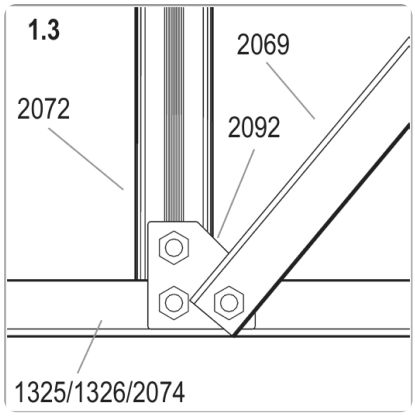
1.1

Loosely fit corner plate 1092 where your eave bar (2028, 2029 or 2030) meets diagonal bar 2069. These bolts also connect the gable ends in step 4.



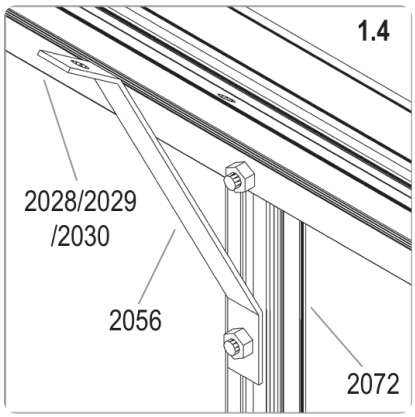
1.2

Bolt the bottom of each vertical bar 2072 to your sill bar (1325, 1326 or 2074).



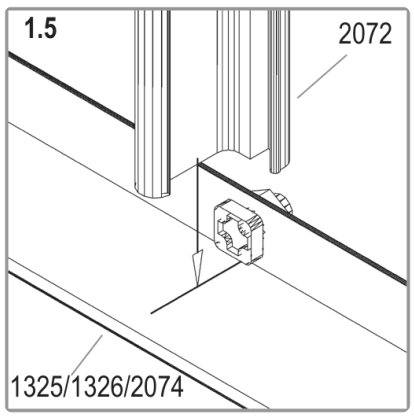
1.3

Join the lower end of diagonal bar 2069 and vertical bar 2072 to the sill bar with connector plate 2092.



1.4

Slide an extra bolt into each vertical bar 2072 for corner brace 2056. This brace runs between your eave bar (2028, 2029 or 2030) and the vertical bar.



1.5 OUTSIDE VIEW

From outside, fit the bolt into the sill bar channel at the foot of vertical bar 2072. Follow the arrow.

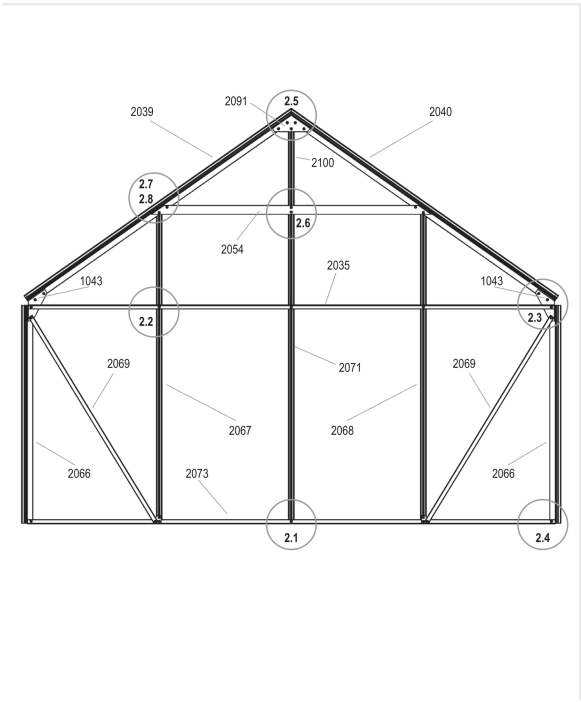
STEP 2

2 Build the back gable

Assemble your back gable flat on the ground and leave every bolt loose.

YOU NEED

1001 ×31	**1002** ×31
1043 ×2	**2035** ×1
2039 ×1	**2040** ×1
2054 ×1	**2066** ×2
2067 ×1	**2068** ×1
2069 ×2	**2071** ×1
2073 ×1	**2091** ×1
2092 ×2	**2100** ×1



Vitavia drawing 2. The circled numbers match the pictures below.

INSTALLER TIP

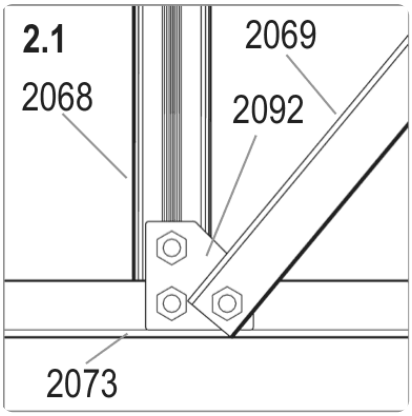
Build from the bottom upwards. Slide each extra bolt into its channel before you fit the bar above it.

WATCH OUT

Insert the extra bolts now. Without them, you must take the gable apart to fit the cross braces in step 4.

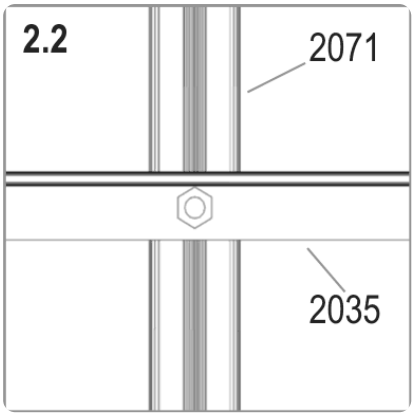
Watch: Rear gable end

Scan with your phone camera. Vitavia video.



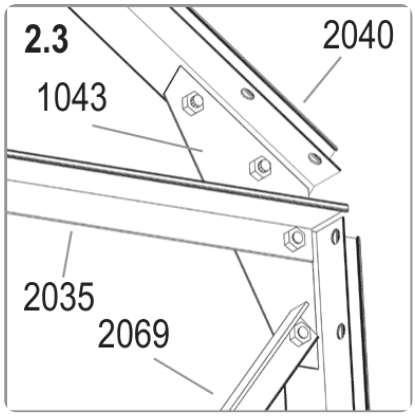
2.1

Join each diagonal bar 2069 and its vertical bar (2067 or 2068) to sill bar 2073 with connector plate 2092.



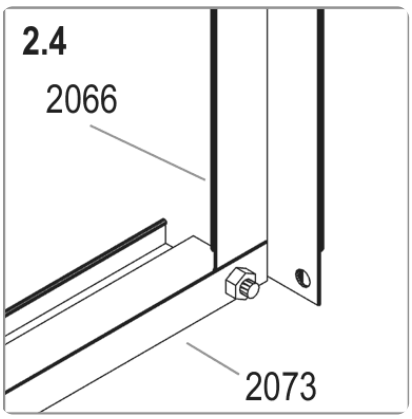
2.2

Bolt cross brace 2035 across vertical bar 2071. Insert one extra bolt into each vertical bar 2067, 2068 and 2071 for the cross braces.



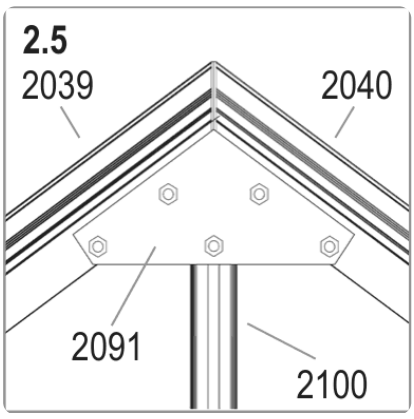
2.3

At each top corner, join your roof bar (2039 or 2040), cross brace 2035 and diagonal bar 2069 with corner plate 1043.



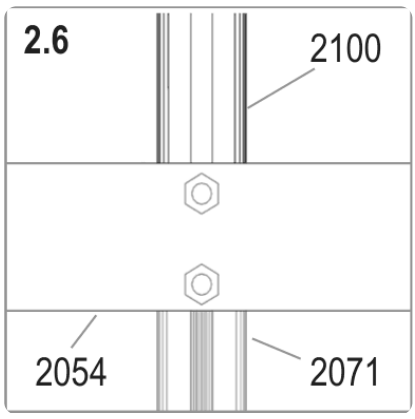
2.4

Bolt corner bar 2066 to sill bar 2073 at each bottom corner.



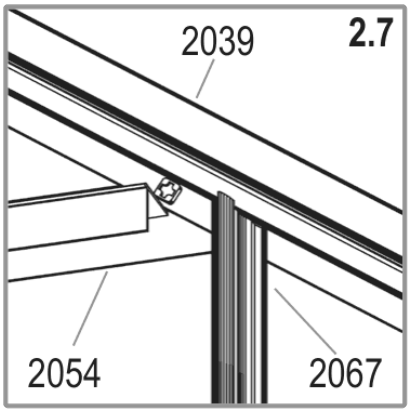
2.5

Join roof bars 2039 and 2040 to the top of upright 2100 with apex plate 2091.



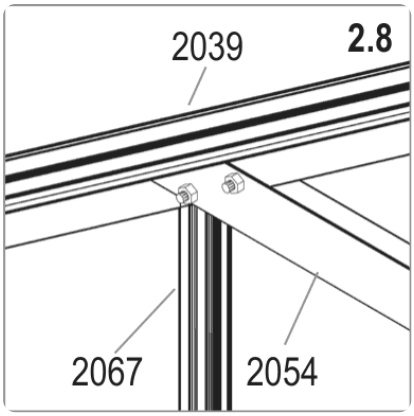
2.6

Join upright 2100 and vertical bar 2071 to horizontal bar 2054 with two bolts.



2.7 OUTSIDE VIEW

From outside, join horizontal bar 2054 and vertical bar 2067 to roof bar 2039 as shown.



2.8

Check the same joint from inside. Join horizontal bar 2054 and vertical bar 2067 under roof bar 2039 as shown.

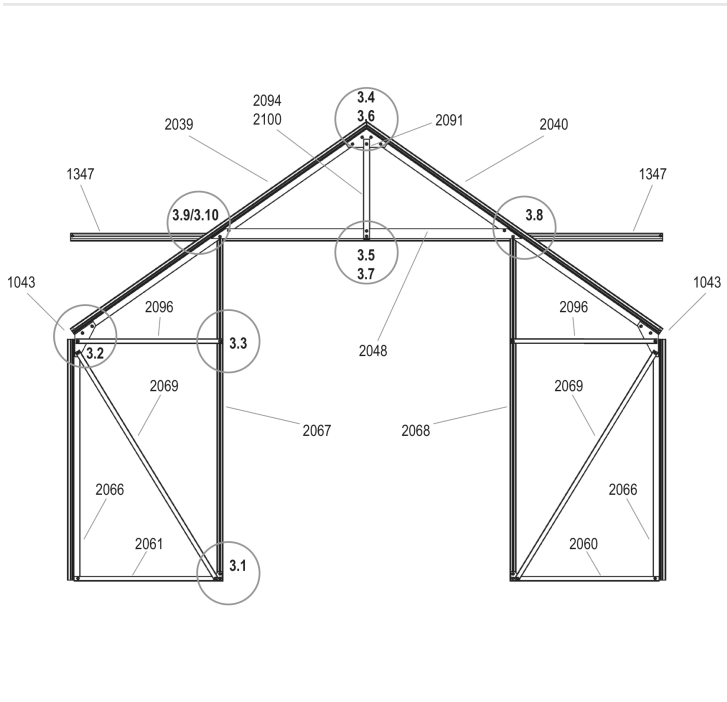
STEP 3

3 Build the door gable

Assemble your front gable flat on the ground, with every bolt loose.

YOU NEED

1001 ×35	**1002** ×35
1043 ×2	**1347** ×2
2039 ×1	**2040** ×1
2048 ×1	**2060** ×1
2061 ×1	**2066** ×2
2067 ×1	**2068** ×1
2069 ×2	**2091** ×1
2092 ×2	**2094** ×1
2096 ×2	**2100** ×1
5001 ×1	**5002** ×1



Vitavia drawing 3. The circled numbers match the pictures below.

INSTALLER TIP

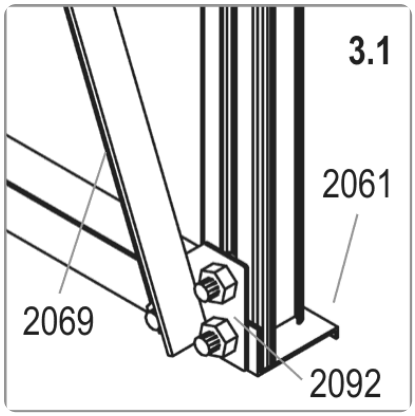
Your Cassandra has a double sliding door. Each door runner bar 1347 carries one door.

WATCH OUT

If parts will not line up, check for bars fitted upside down or back to front. Do not force them.

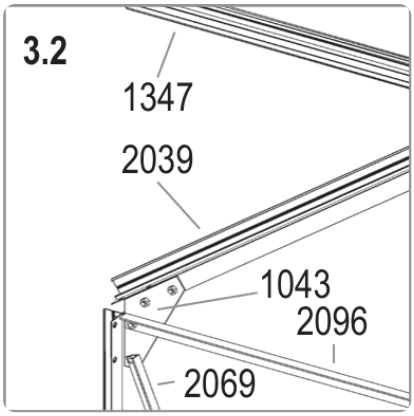
Watch: Door frame (front gable)

Scan with your phone camera. Vitavia video.



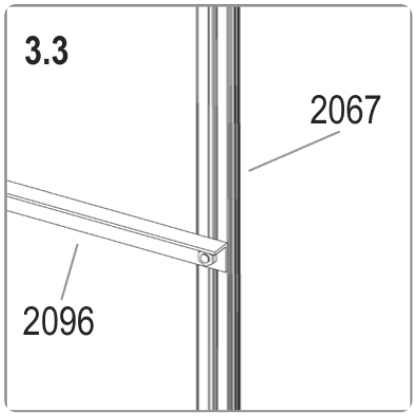
3.1

Join diagonal bar 2069 and the vertical bar to base bar 2061 with connector plate 2092. Use base bar 2060 on the other side.



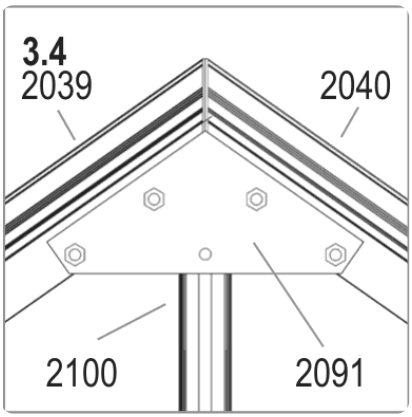
3.2

Join roof bar 2039, bar 2096 and diagonal bar 2069 with corner plate 1043, with door runner bar 1347 above. Use roof bar 2040 on the other side.



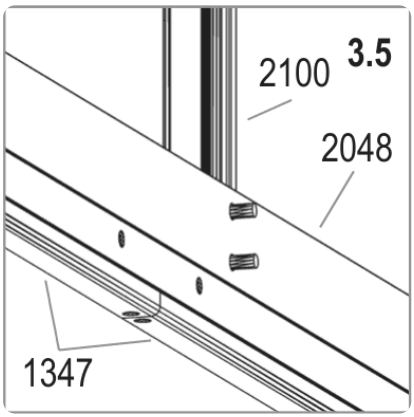
3.3

Bolt bar 2096 to vertical bar 2067. Insert one extra bolt into each vertical bar 2067 and 2068, as you did on the back gable.



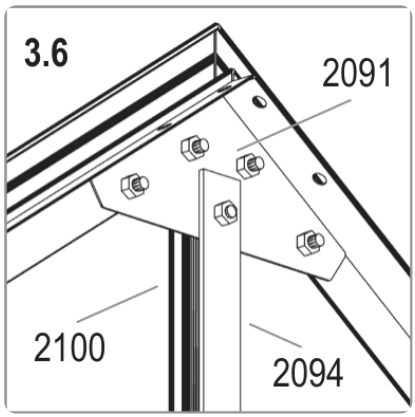
3.4

Join roof bars 2039 and 2040 to the top of upright 2100 with apex plate 2091.



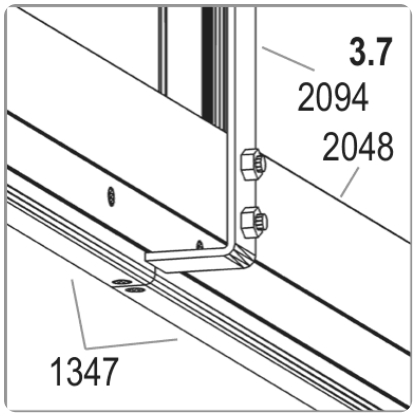
3.5

Position door runner bar 1347 along horizontal bar 2048, below upright 2100.



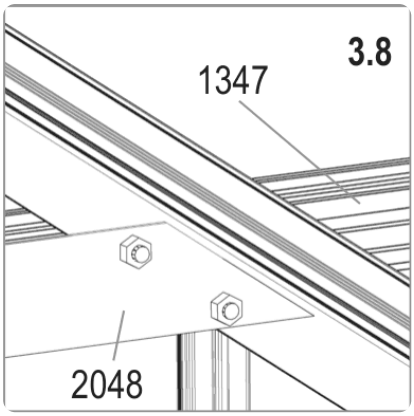
3.6

Join upright 2100 and bar 2094 with apex plate 2091 as shown.



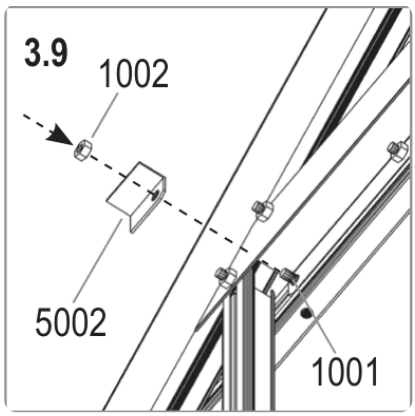
3.7

Bolt bar 2094 to horizontal bar 2048, with door runner bar 1347 below.



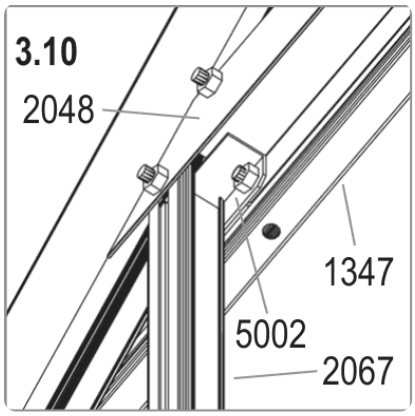
3.8

Join horizontal bar 2048 and door runner bar 1347 as shown.



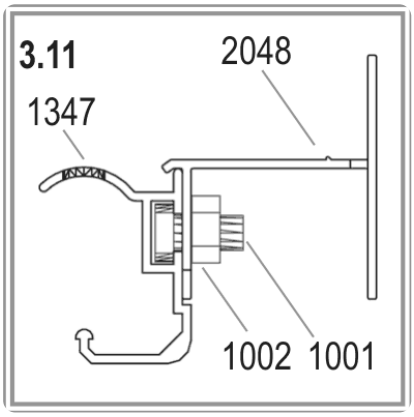
3.9

Connect part 5002 with bolt 1001 and nut 1002 as shown.



3.10

Join part 5002 to door runner bar 1347 at vertical bar 2067 and horizontal bar 2048. Connect parts 5001 and 5002 with a nut.



3.11 OUTSIDE VIEW

From outside, loosely connect each door runner bar 1347 to horizontal bar 2048 with three bolts and two nuts.

STEP 4

4 Join and position the frame

Work with a second person to join your frames and lift the greenhouse onto the wall.

YOU NEED


1001 ×106


1002 ×108


1092 ×8


1310 ×2


2043 ×2


2053 ×1


4201 ×2


6060 ×2


1017 ×4


1018 ×8


2033 ×4


2055 ×12


2057 ×6


2059 ×4


2070 ×1


9104 ×21

INSTALLER TIP

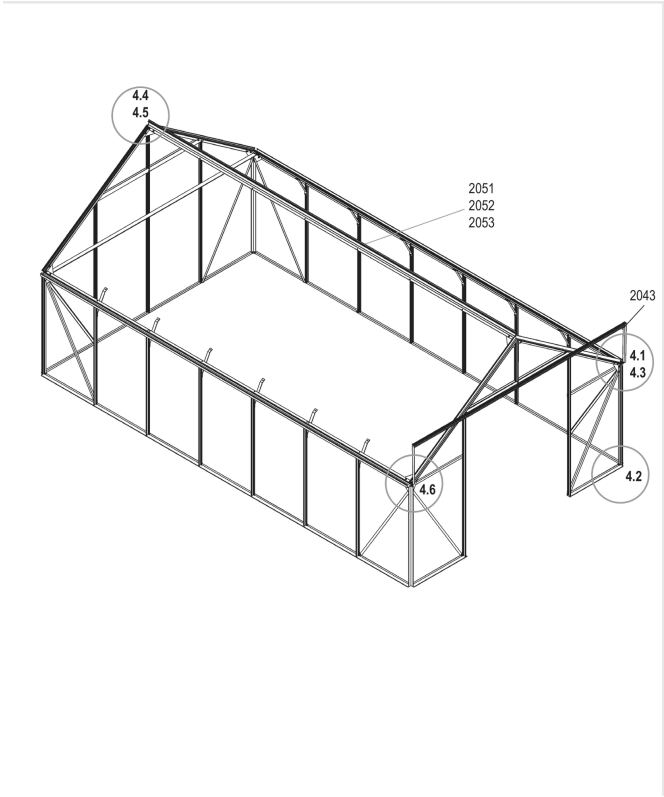
Count the circled extra bolts on every roof bar before you fit any end protector. The quantity depends on your greenhouse size.

WATCH OUT

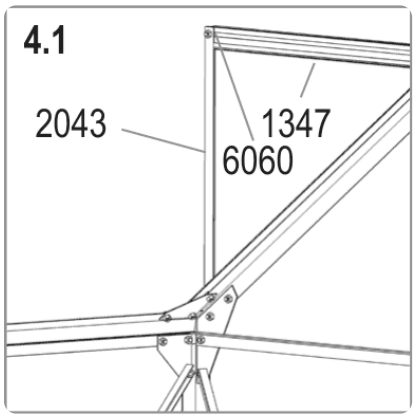
Keep all bolts loose until your greenhouse is on the wall and square. You cannot adjust the frame once the glass is fitted.

Watch: Front and roof bars

Scan with your phone camera. Vitavia video.

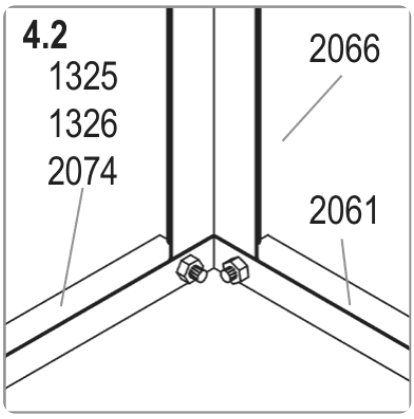


Vitavia drawing 4A. The circled numbers match the pictures below.



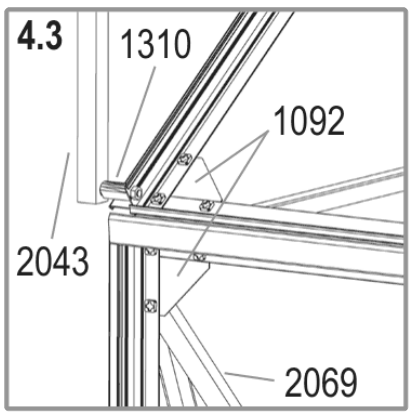
4.1

Bolt the side frames to the gable ends at the top corners. Fit door runner support 2043 to door runner bar 1347 with washer 6060.



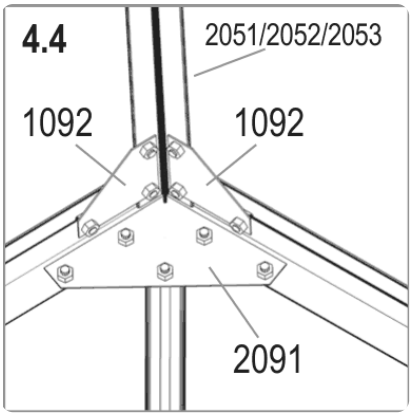
4.2

Bolt the side frames to the gable ends at the bottom corners. Join your sill bar (1325, 1326 or 2074), corner bar 2066 and base bar 2061 as shown.



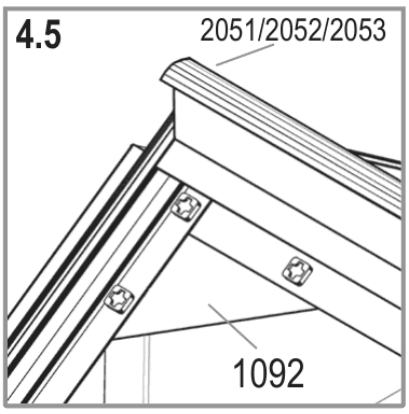
4.3 OUTSIDE VIEW

From outside, loosely connect corner plates 1092 above the eaves. Position door runner support 2043 at this corner with spacer 1310.



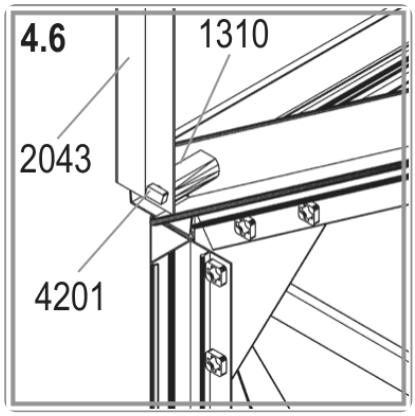
4.4

Fit your ridge bar (2051, 2052 or 2053). Fix corner plates 1092 to the gable ends at the peak beside apex plate 2091.



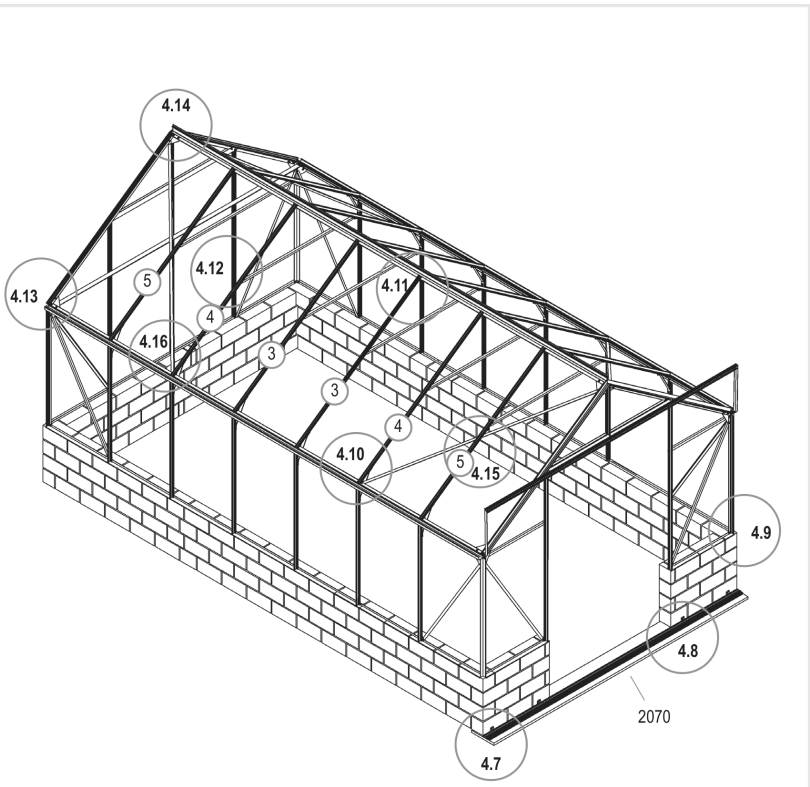
4.5 OUTSIDE VIEW

From outside, position corner plate 1092 under the ridge bar at the gable end as shown.

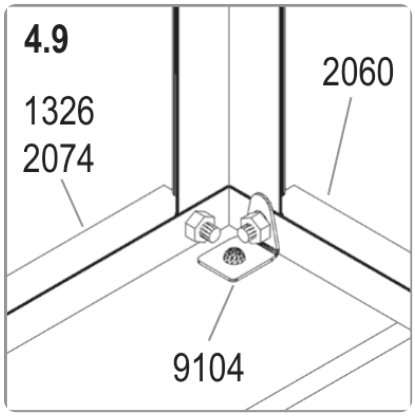


4.6 OUTSIDE VIEW

From outside, fix door runner support 2043 to the gable end with bolt 4201 and spacer 1310.

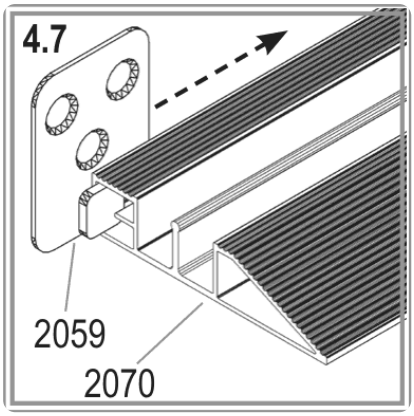


Vitavia drawing 4B. The circled numbers match the pictures below.



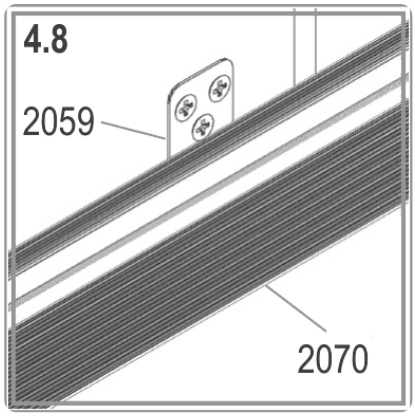
4.9

Lift the frame onto your prepared wall and fix it loosely with clips 9104. Supply your own screws and wall plugs.



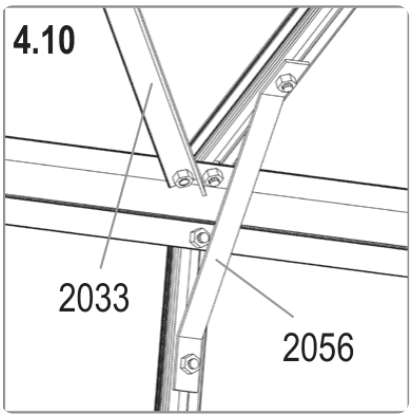
4.7 OUTSIDE VIEW

Slide the 4 holders 2059 into door guide 2070 as the arrow shows. Loosely fix the guide to the wall front with countersunk screws, which are not supplied.



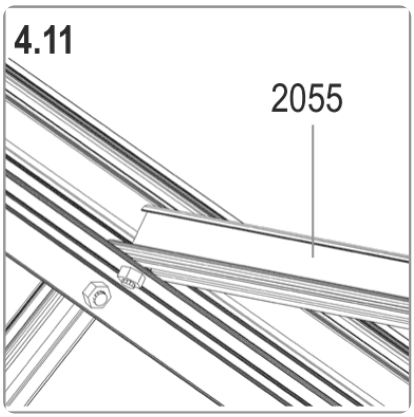
4.8 OUTSIDE VIEW

From outside, fit holder 2059 on door guide 2070 as shown.



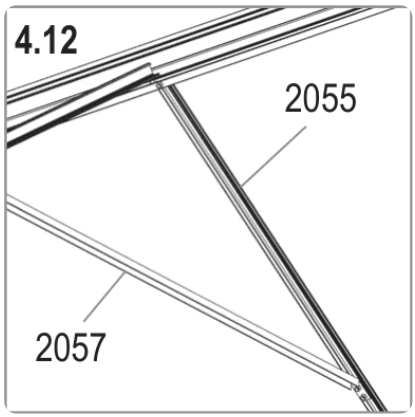
4.10

Bolt the lower end of each roof glazing bar 2055 at the eaves. Connect corner brace 2056 and cross brace 2033 here as shown.



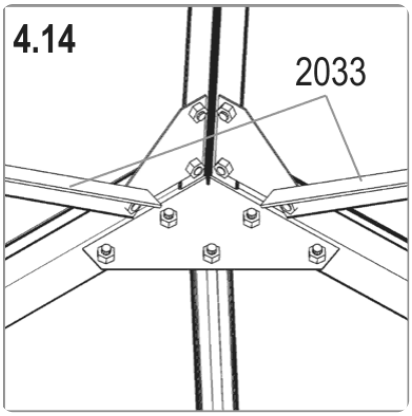
4.11

Bolt each roof glazing bar 2055 to the ridge bar. Insert extra bolts as you go, using each bar's circled quantities in the drawing, read from both ends.



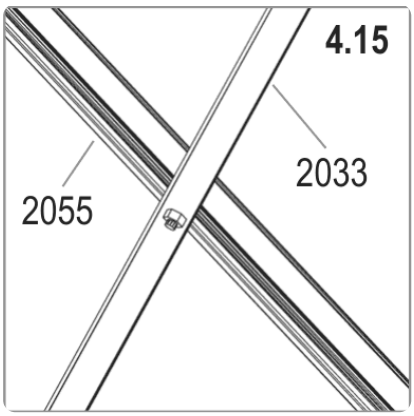
4.12

Connect roof braces 2057 to roof glazing bars 2055.



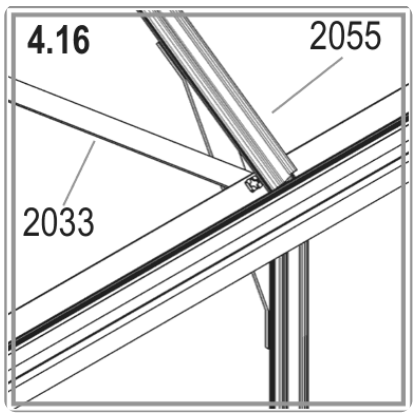
4.14

Connect cross braces 2033 at the gable peak as shown.



4.15

Bolt cross brace 2033 where it crosses roof glazing bar 2055.

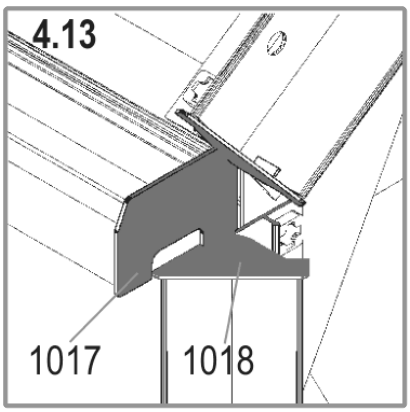


4.16 OUTSIDE VIEW

From outside, connect cross brace 2033 to roof glazing bar 2055 as shown.

DO THIS NOW

Adjust your greenhouse until it is completely square. Only then tighten all bolts to a maximum of 3 Nm; do not overtighten.



4.13 OUTSIDE VIEW

Press end protectors 1017 and 1018 onto the open profile ends.

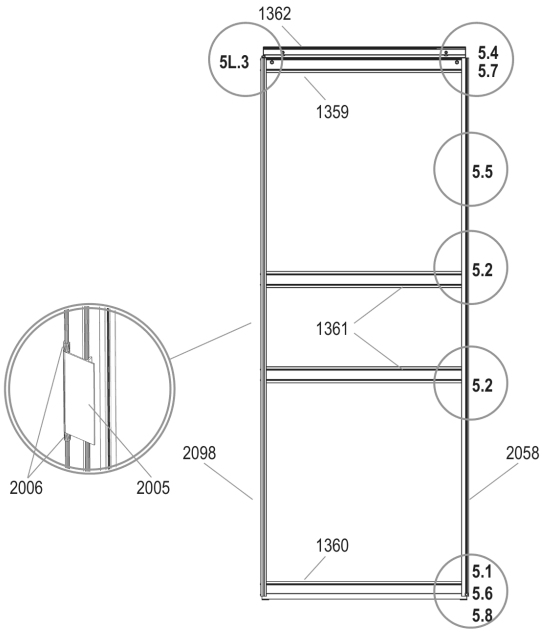
STEP 5L

5L Fit the left-hand door

Build and hang your left-hand sliding door first.

YOU NEED

 **1001** ×2	 **1002** ×2
 **1003** ×16	 **1007** ×2
 **1009** ×2	 **1014** ×2
 **1015** ×2	 **1304** ×2
 **1359** ×1	 **1360** ×1
 **1361** ×2	 **1362** ×1
 **1500** ×1	 **1515** ×1
 **2005** ×1	 **2006** ×2
 **2021** ×1	 **2058** ×1
 **2098** ×1	



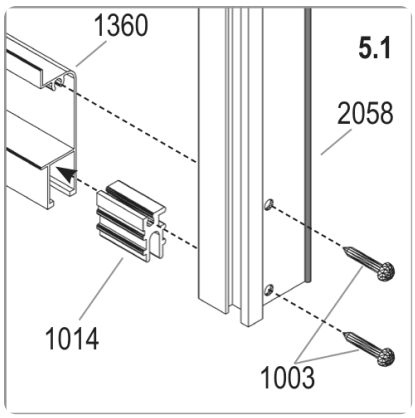
Vitavia drawing 5L. The circled numbers match the pictures below.

INSTALLER TIP

If your door binds or jumps the track, the frame is almost certainly not square. Recheck it before you force the door.

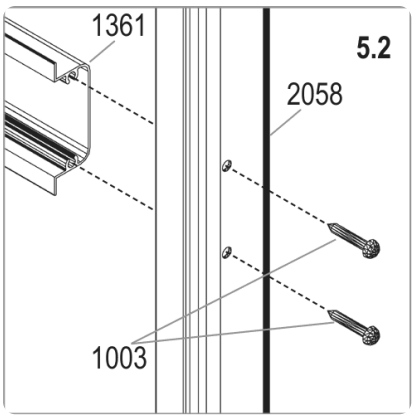
WATCH OUT

Never stand an assembled door on gliders 1014; this damages them. Use inside side bar 2098 for the left-hand door and 2099 for the right-hand door.



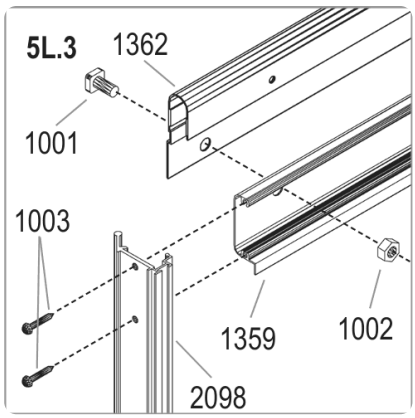
5.1

Push a door glider 1014 onto each end of door bar 1360. Screw door bar 2058 to it with screws 1003.



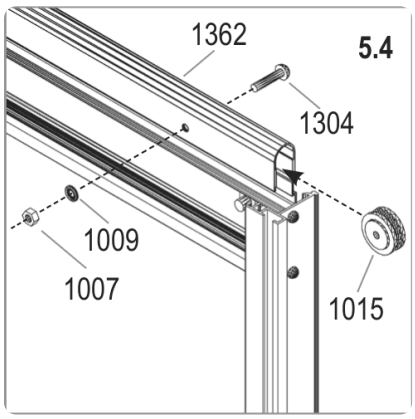
5.2

Screw middle bars 1361 to door bar 2058 with screws 1003.



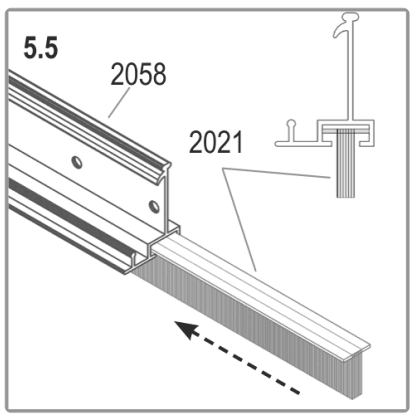
5L.3

Bolt door bar 1362 to upper bar 1359 with bolt 1001 and nut 1002. Screw inside side bar 2098 onto your left-hand door with screws 1003.



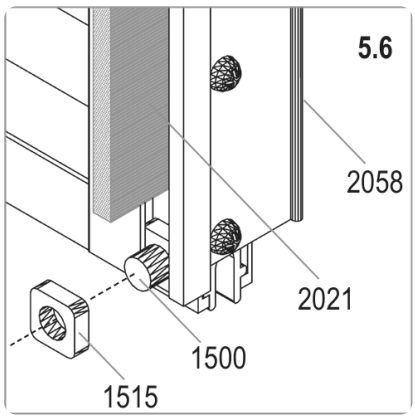
5.4

Fix the two door rollers 1015 to door bar 1362 with bolt 1304, washer 1009 and nut 1007.



5.5 OUTSIDE VIEW

From outside, slide door seal 2021 into door bar 2058. Cut the seal to length.



5.6

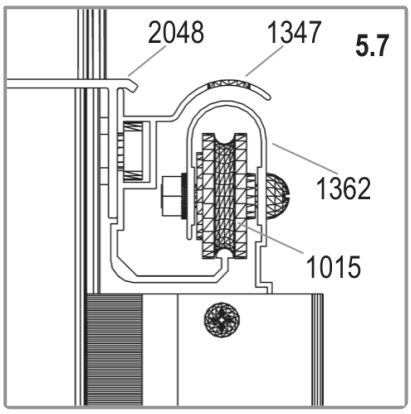
Slide bolt 1500 into the bottom of the channel that holds door seal 2021. Fix it with nut 1515 to stop the seal sliding out.

DO THIS NOW

Fit parts 2005 and 2006 to inside side bar 2098 as shown on the main door drawing.

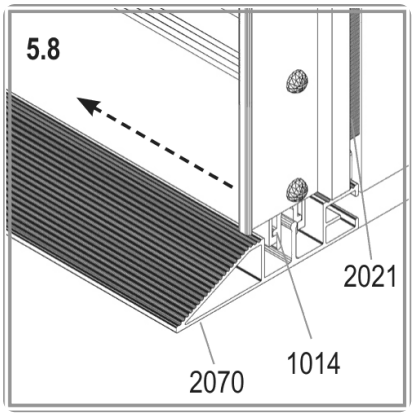
DO THIS NOW

Loosen door runner supports 2043 before you hang the door.



5.7 OUTSIDE VIEW

From outside, lift the door and slide door rollers 1015 into door runner bar 1347.



5.8 OUTSIDE VIEW

From outside, check that door gliders 1014 also run on the bottom track, door guide 2070.

5R

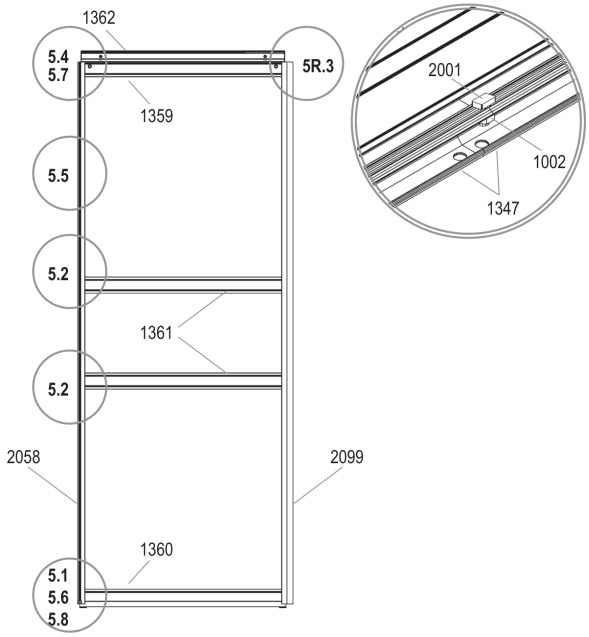
STEP 5R

Fit the right-hand door

Build and hang your second sliding door, then adjust both doors together.

YOU NEED

	**1001** ×2		**1002** ×3
	**1003** ×16		**1007** ×2
	**1009** ×2		**1014** ×2
	**1015** ×2		**1304** ×2
	**1359** ×1		**1360** ×1
	**1361** ×2		**1362** ×1
	**1500** ×1		**1515** ×1
	**2001** ×1		**2021** ×1
	**2058** ×1		**2099** ×1



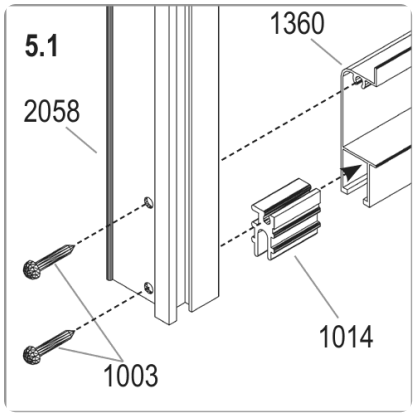
Vitavia drawing 5R. The circled numbers match the pictures below.

INSTALLER TIP

Hang your right-hand door the same way as the left-hand door. Then adjust both together until they slide freely.

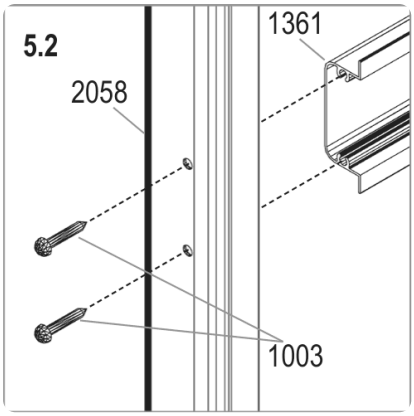
WATCH OUT

Never stand an assembled door on gliders 1014; this damages them.



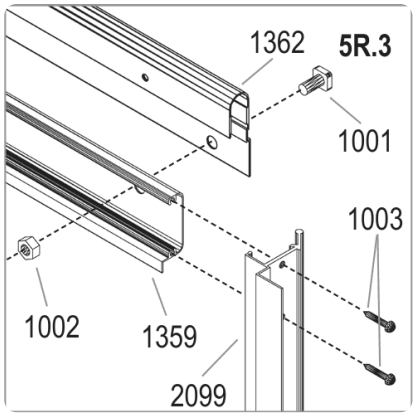
5.1

Push a door glider 1014 onto each end of door bar 1360. Screw door bar 2058 to it with screws 1003.



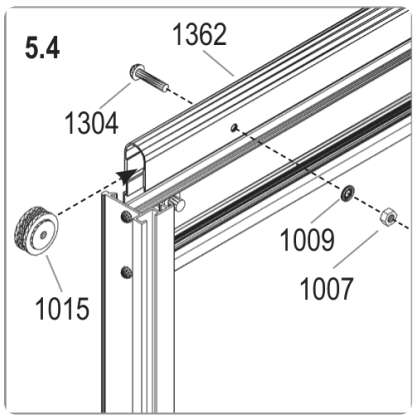
5.2

Screw middle bars 1361 to door bar 2058 with screws 1003.



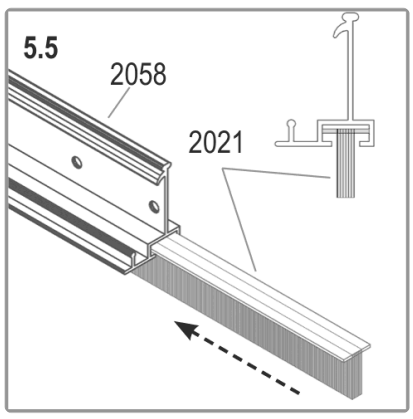
5R.3

Bolt door bar 1362 to upper bar 1359 with bolt 1001 and nut 1002. Screw inside side bar 2099 onto your right-hand door with screws 1003.



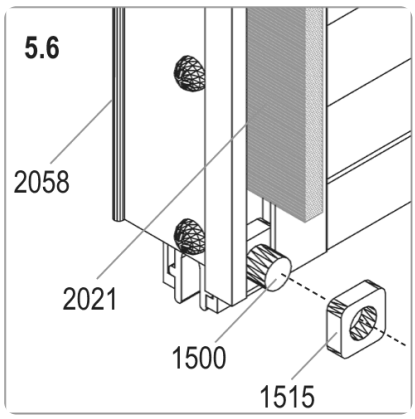
5.4

Fix the two door rollers 1015 to door bar 1362 with bolt 1304, washer 1009 and nut 1007.



5.5 OUTSIDE VIEW

From outside, slide door seal 2021 into door bar 2058. Cut the seal to length.

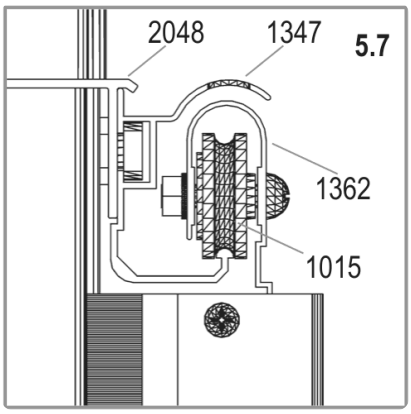


5.6

Slide bolt 1500 into the bottom of the channel that holds door seal 2021. Fix it with nut 1515 to stop the seal sliding out.

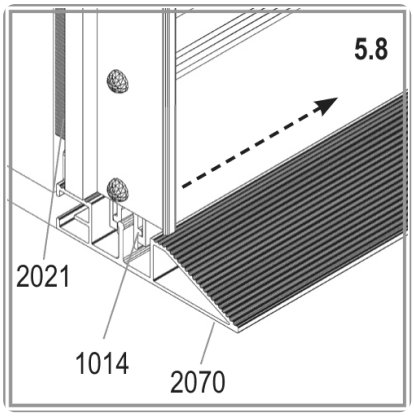
DO THIS NOW

Join the two door runner bars 1347 with bolt 2001 and nut 1002. Follow the circle on the main door drawing.



5.7 OUTSIDE VIEW

From outside, lift the door and slide door rollers 1015 into door runner bar 1347.



5.8 OUTSIDE VIEW

From outside, check that door gliders 1014 also run on the bottom track, door guide 2070.

DO THIS NOW

Adjust both doors until they slide freely.

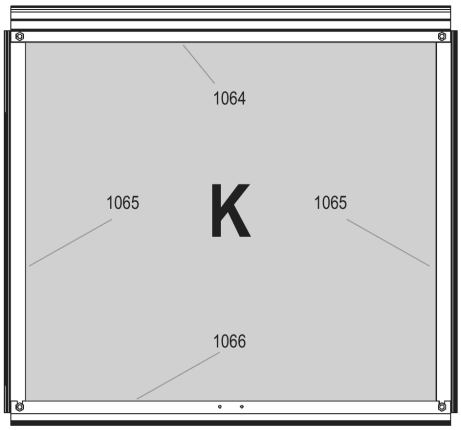
STEP 6

6 Build and fit roof vents

Build four roof vents, each with one 4 mm pane K, 600 × 544 mm.

YOU NEED

	**1001** ×16		**1002** ×16
	**1006** ×24		**1019** ×4
	**1063** ×4		**1064** ×4
	**1065** ×8		**1066** ×4
	**1067** ×4		**2016** ×8



	Art. No.	mm	8300	9900	11500
K	369430 (4mm)	600 x 544	4x	4x	4x

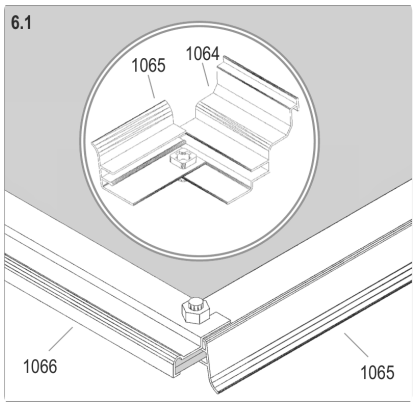
Vitavia drawing 6. The circled numbers match the pictures below.

INSTALLER TIP

Fit the slam bar, window sill 1063, flat edge up, with its grooved lip down towards the pane below. Recheck its position if that pane will not sit snugly.

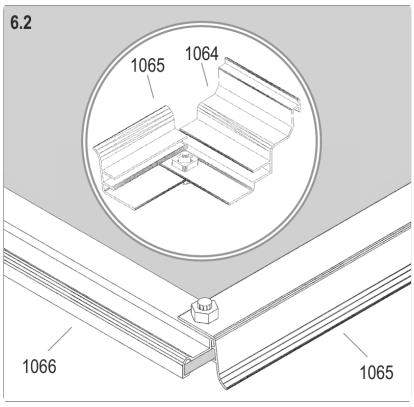
Watch: Build and fit the window

Scan with your phone camera. Vitavia video.



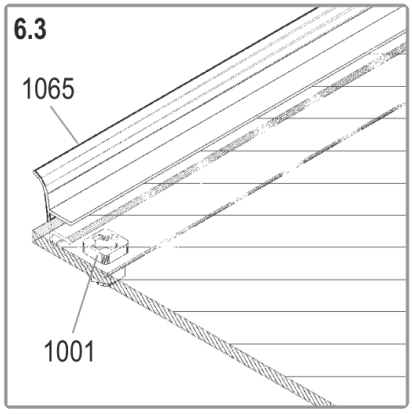
6.1

For glass up to 4 mm thick, join vent side bars 1065 and top bar 1064 as shown.



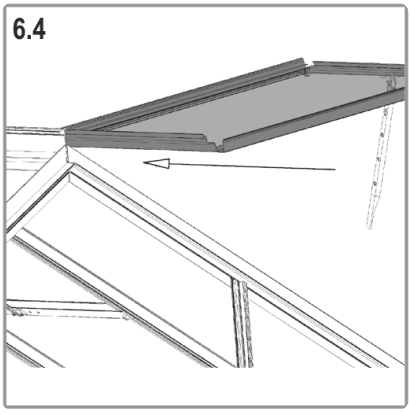
6.2

For glass 4 mm or thicker, join vent side bars 1065 and top bar 1064 as shown here instead.



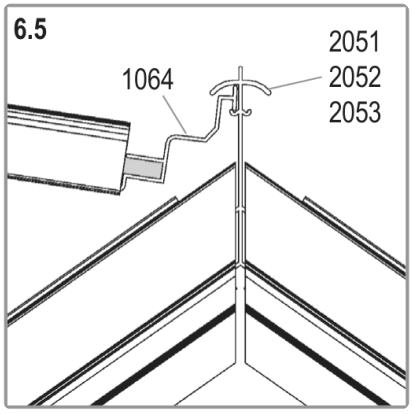
6.3 OUTSIDE VIEW

Insert the bottom bar 1066 bolts into the prepared holes, then slide the glass into side bar 1065 tracks. Fit bottom bar 1066; check the vent is completely square before you tighten.



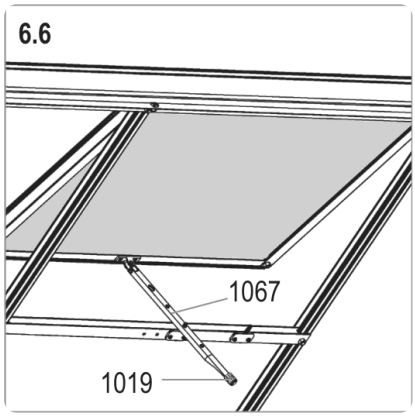
6.4 OUTSIDE VIEW

From outside, hook the vent into the ridge bar from one end of your greenhouse.



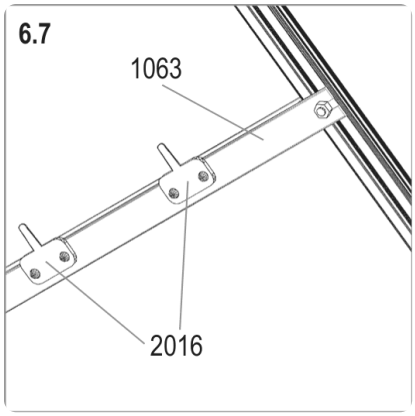
6.5 OUTSIDE VIEW

Hook vent top bar 1064 over your ridge bar (2051, 2052 or 2053) as shown from outside.



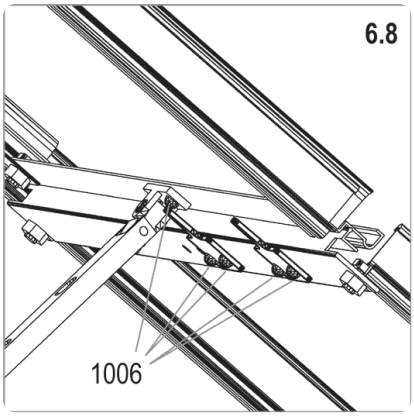
6.6

Slide the vent along to your chosen position. Push plastic cap 1019 onto the end of window opener 1067.



6.7

Fix window sill 1063 to the extra bolts in the roof bars. Screw both window fixers 2016 onto window sill 1063 with screws 1006.



6.8

Screw window opener 1067 to vent bottom bar 1066 with screws 1006.

7

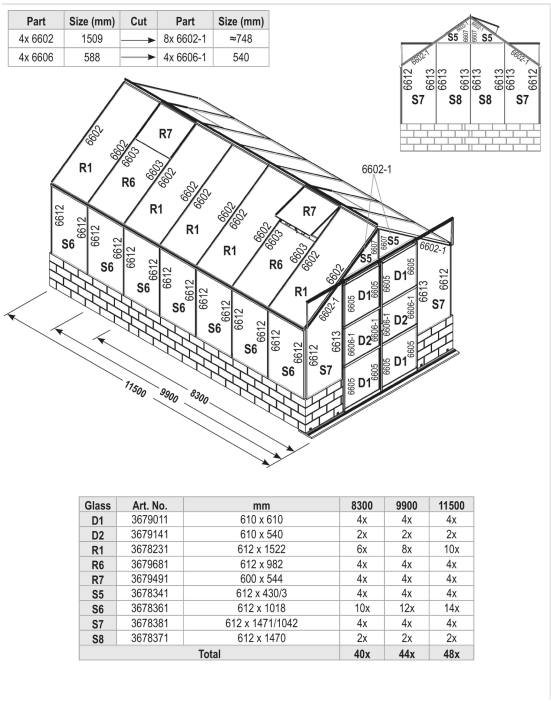
STEP 7

Fit the glass

Start with your roof, then glaze the sides and doors with glazing lists.

YOU NEED

PVC	**1020** ×1	PC	**6602** ×24
PC	**6603** ×8	PC	**6605** ×8
PC	**6606** ×4	PC	**6607** ×4
PC	**6612** ×32	PC	**6613** ×8



Glass	Art. No.	mm	8300	9900	11500
D1	3679011	610 x 610	4x	4x	4x
D2	3679141	610 x 540	2x	2x	2x
R1	3678231	612 x 1522	6x	8x	10x
R6	3679681	612 x 982	4x	4x	4x
R7	3679491	600 x 544	4x	4x	4x
S5	3678341	612 x 430/3	4x	4x	4x
S6	3678361	612 x 1018	10x	12x	14x
S7	3678381	612 x 1471/1042	4x	4x	4x
S8	3678371	612 x 1470	2x	2x	2x
Total			40x	44x	48x

Vitavia drawing 7. The circled numbers match the pictures below.

INSTALLER TIP

When we fit glazing seal, we first soak the whole reel in hot soapy water. This softens it and makes it easier to press on.

WATCH OUT

Never force a pane into place; this cracks glass. If it will not seat, correct the frame's squareness first.

Watch: Fitting the glazing rubber
Scan with your phone camera. Vitavia video.

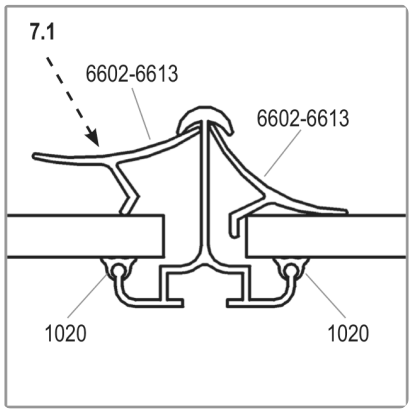
Watch: Glazing with horticultural glass
Scan with your phone camera. Vitavia video.

Watch: Glazing the roof with toughened glass
Scan with your phone camera. Vitavia video.

Watch: Bar capping (toughened glass and polycarbonate)
Scan with your phone camera. Vitavia video.

DO THIS NOW

Cut 4 glazing lists 6602 (1509 mm) into 8 pieces 6602-1, each about 748 mm. Cut 4 lists 6606 (588 mm) to make 4 pieces 6606-1, each 540 mm.



7.1 OUTSIDE VIEW

Press glazing seal 1020 onto aluminium profiles; trim. Start on roof. Push glazing lists beside each pane; cut each list to its pane's length.

DO THIS NOW

Glaze the sides and doors in the same way, with each glazing list cut to match its pane. Follow the glazing plan for each pane and glazing list.

Toughened glass for your greenhouse

PANE	SIZE (MM)	CASSANDRA 11500
D1	610 × 610	4
D2	610 × 540	2
R1	612 × 1522	10
R6	612 × 982	4
R7	600 × 544	4
S5	612 × 430/3	4
S6	612 × 1018	14
S7	612 × 1471/1042	4
S8	612 × 1470	2
	Total	**48**

Pane numbers match the glazing layout in the drawing above.

LAST JOBS

Finish and look after it

Finish

- [ ] Always anchor your greenhouse.
- [ ] Seal the edges with neutral silicone if you wish. Silicone is not supplied.
- [ ] Stick the warning label inside your greenhouse.
- [ ] Stick the model label onto door bar 1362. You will need it to order spare parts.
- [ ] Keep this guide somewhere safe.

Looking after it

- [ ] Shut all doors and vents in high winds.
- [ ] Clear the roof or support it in heavy snow. Heat your greenhouse in winter.
- [ ] Wash your greenhouse occasionally with a mild detergent that does not attack aluminium or the glass fixing clips.
- [ ] Keep the upper and lower door tracks clean to prevent grit build-up.
- [ ] Add your greenhouse to your home insurance. Check local building rules about where you can put it.

Drawings reproduced from the Vitavia assembly instructions (Vitavia manual 063.01.1905 (Cassandra, VM0038-C)). Greenhouse Stores, greenhousestores.co.uk.