

Assembly Instructions

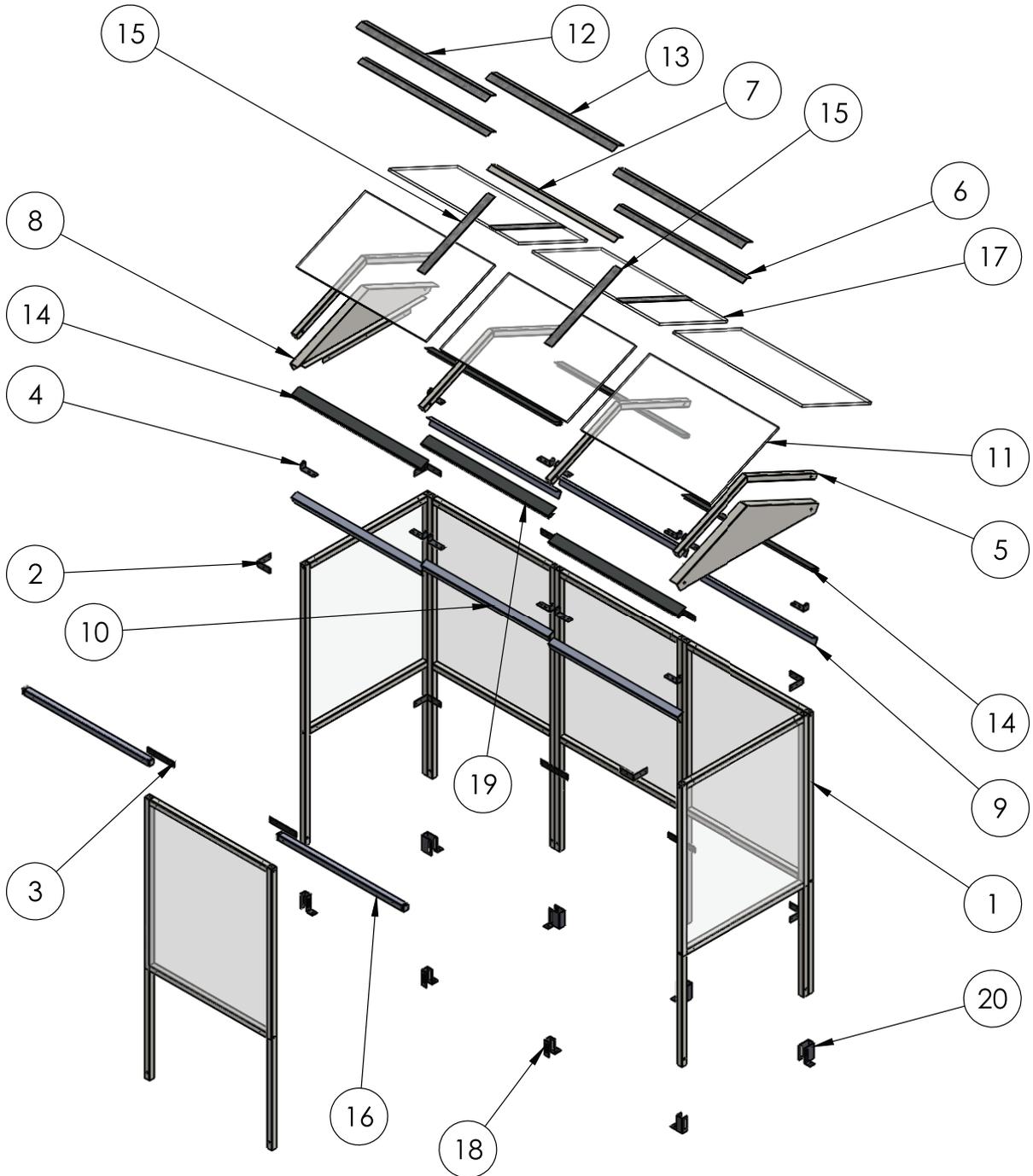
Half and Full Frame Apex 4-Sided Shelter – Clear Roof



Health & Safety Information



2 people
required
for assembly



| Tools Required | | | |
|--|----------------------------|---|---------------------|
|  | Drill / Screwdriver |  | Hacksaw |
|  | Mallet |  | Hand Clamps |
| | |  | 17mm Spanner |

Parts List

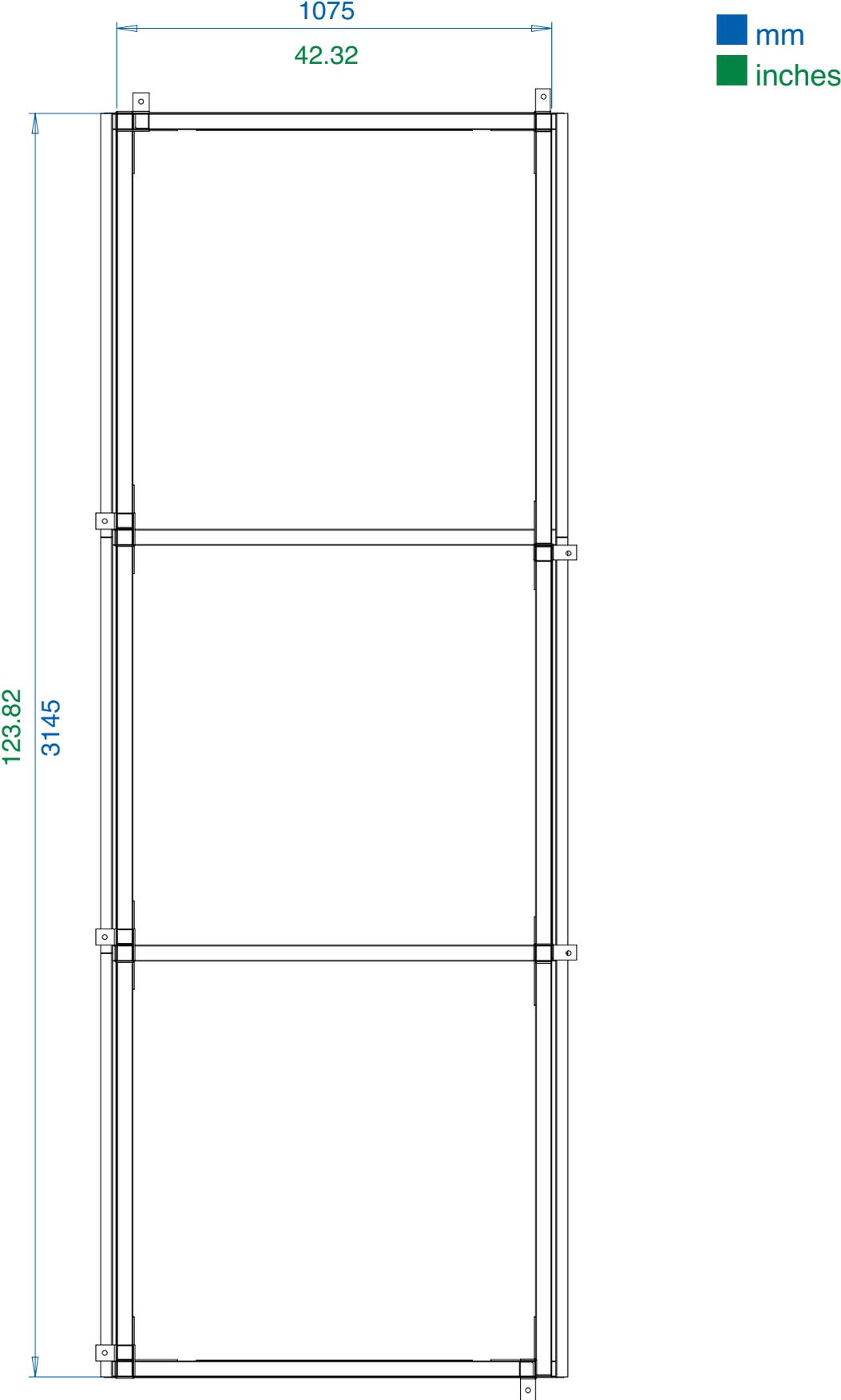
| Item No | Part No | Description | Dimensions (mm) | Dimensions (inches) | Image | Qty |
|---------|----------------|---------------------------------|-----------------|---------------------|---|-----|
| | | Instructions | | |  | 1 |
| 1 | S1/S1C | Frame/Poly/ Black Screws | 2000 x 1035 | 78.7 x 40.7 |  | 6 |
| 2 | CB1 | Corner Bracket | 110 x 110 x 40 | 4.3 x 4.3 x 1.6 |  | 6 |
| 3 | JF1 | Straight Bracket | 221 x 40 | 8.7 x 1.6 |  | 6 |
| 4 | DR | Rafter Bracket | 110 x 40 x 52 | 4.3 x 1.6 x 2 |  | 12 |
| 5 | AR1R | Pitch Rafter | 1142 x 40 x 40 | 44.9 x 1.6 x 1.6 |  | 4 |
| 6 | AR1CLTO | Roof Centre Lower Trim Outer | 1052 | 41.4 |  | 2 |
| 7 | AR1CLTI | Roof Centre Lower Trim Inner | 1035 | 40.7 |  | 1 |
| 8 | AR1I | Pitch Infill Panel | 1150 | 45.2 |  | 2 |
| 9 | ARATO | Pitch Roof Trim Outer | 1055 | 41.5 |  | 4 |
| 10 | ARATI | Pitch Roof Trim Inner | 1035 | 40.7 |  | 2 |
| 11 | AR1PO | Roof Panel Outer | 1055 x 620 | 41.5 x 24.4 |  | 4 |
| 12 | AR1CUTO | Roof Centre Upper Trim Outer | 1055 | 41.5 |  | 2 |
| 13 | AR1CUTI | Roof Centre Upper Trim Inner | 1035 | 40.7 |  | 1 |
| 14 | ARJO | J-Section Outer | 1055 | 41.5 |  | 4 |
| 15 | AR1TS | Pitch Roof Trim Strip | 630 x 60 | 24.8 x 2.3 |  | 4 |
| 16 | ST1 | Roof Tie | 1025 | 40.4 |  | 2 |
| 17 | AR1PI | Roof Panel Inner | 1035 x 620 | 40.7 x 24.4 |  | 2 |
| 18 | FT1 | Foot Bracket | 109 x 100 x 40 | 4.3 x 3.9 x 1.6 |  | 4 |
| 19 | ARJI | J-Section Inner | 1035 | 40.7 |  | 2 |
| 20 | FT3 | Foot Bracket | 109 x 100 x 80 | 4.3 x 3.9 x 3.1 |  | 4 |
| 21 | EC40 | Plastic End Cap | 41 x 41 | 1.6 x 1.6 |  | 4 |

Fittings - Pack A

| | | | | | | |
|----|-------------------------|---------------------------------|-------------|---------------|---|----|
| 22 | MB1 | M10 x 60 Bolt | 10 x 60 | 0.4 x 2.4 |  | 30 |
| 23 | N1 | M10 Nut | | |  | 30 |
| 24 | W1 | M10 Washer | | |  | 60 |
| 25 | T25 | Tek Screw | 25 | 1 |  | 72 |
| 26 | T38 | Tek Screw | 38 | 1.5 |  | 30 |
| 27 | BC | Black Caps | | |  | 60 |
| 28 | BTANC M12100 | M10/12 x 100mm Concrete Bolt | 10/12 x 100 | 0.4/0.5 x 3.9 |  | 8 |

Ground Anchor & Overall Size

Suggested size for concrete base: 200mm / 7.87in oversized (on all four sides)



Stage 1

Attaching the Polycarbonate Panels

You will need

| Item No | Part No | Description | Qty |
|---------|---------|-------------------------|-----|
| 1 | S1/S1C | Frame/Poly/Black Screws | 6 |

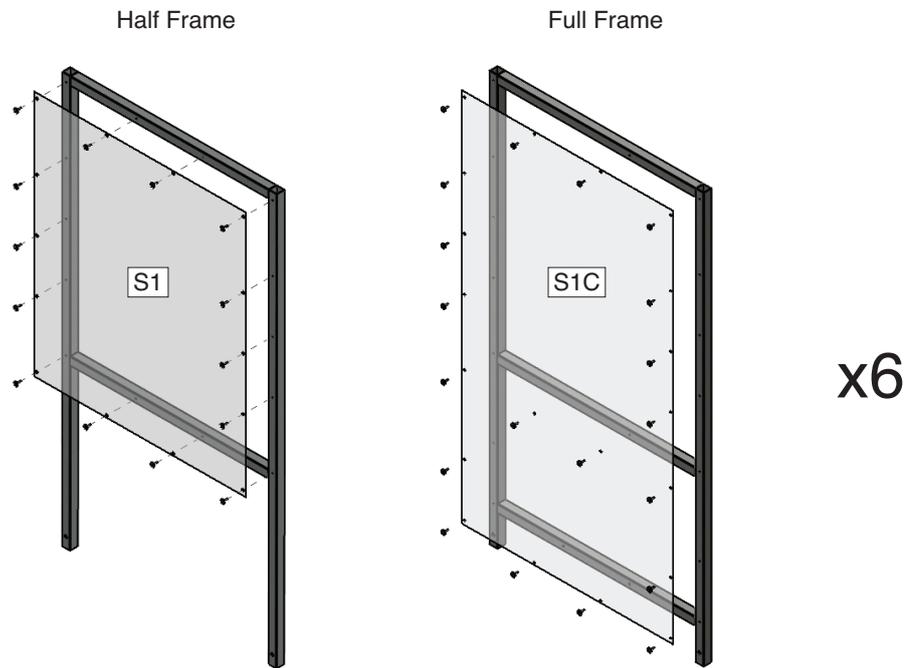


! Remove protective covering from panels before assembly

💡 Align all holes and loosely fit the screws before fully tightening

! Use one bag of polycarbonate fixings per frame

DO NOT OVER TIGHTEN SCREWS
Lightly compress rubber on washers



Stage 2

Assemble Back Frames

You will need

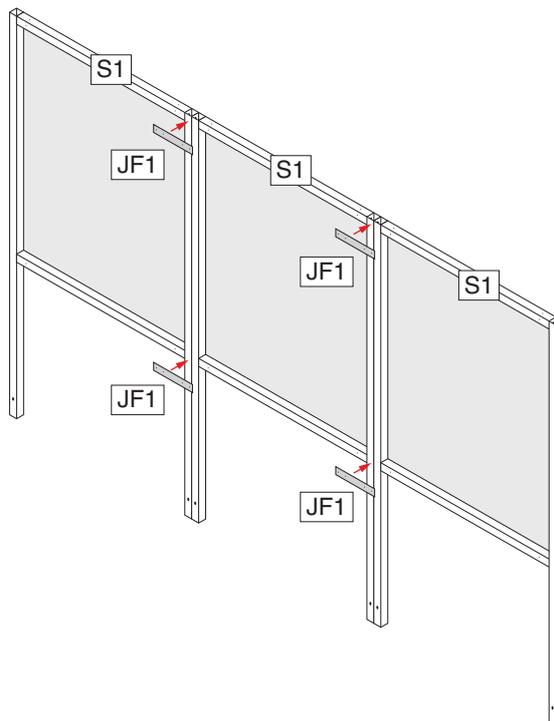
| Item No | Part No | Description | Qty |
|---------|---------|------------------|-----|
| 1 | S1 | Frame | 3 |
| 3 | JF1 | Straight Bracket | 4 |
| 25 | T25 | Tek Screw | 16 |



! Use T25 25mm Tek Screws only

IMPORTANT
Assemble frames with polycarbonate panels **outside**

PLEASE NOTE
Assembly applies for **S1C** Full Frame variation throughout instructions.



Stage 3

Assemble Side Frames

You will need

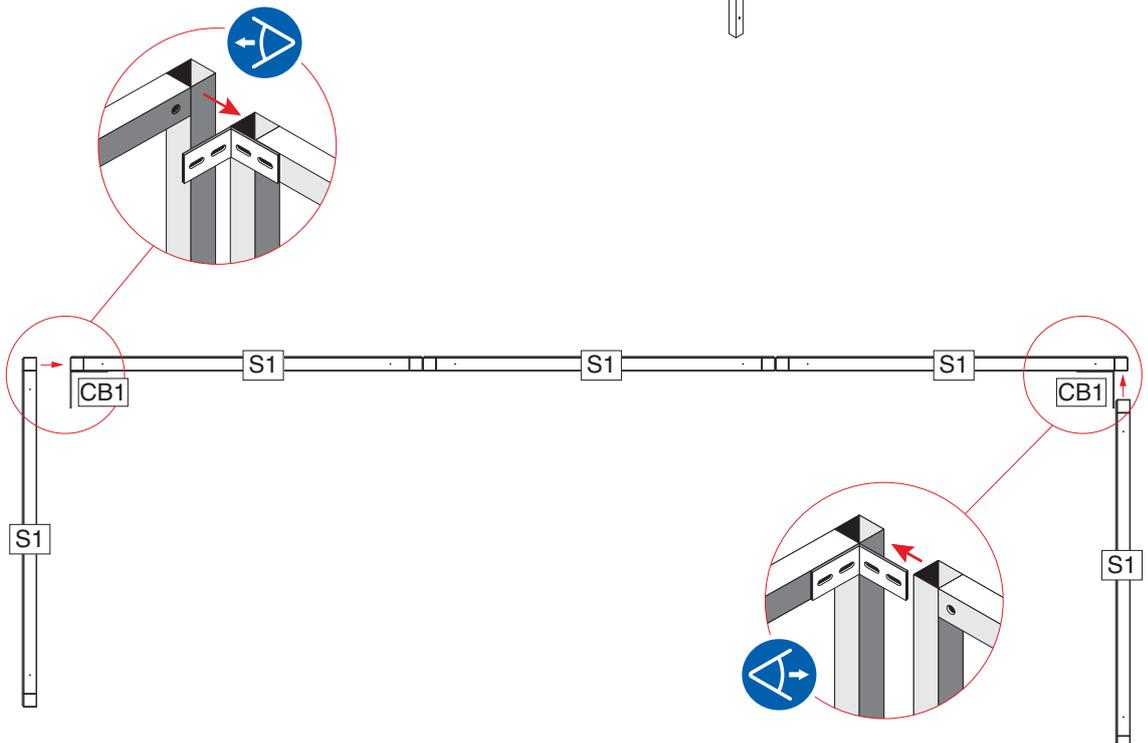
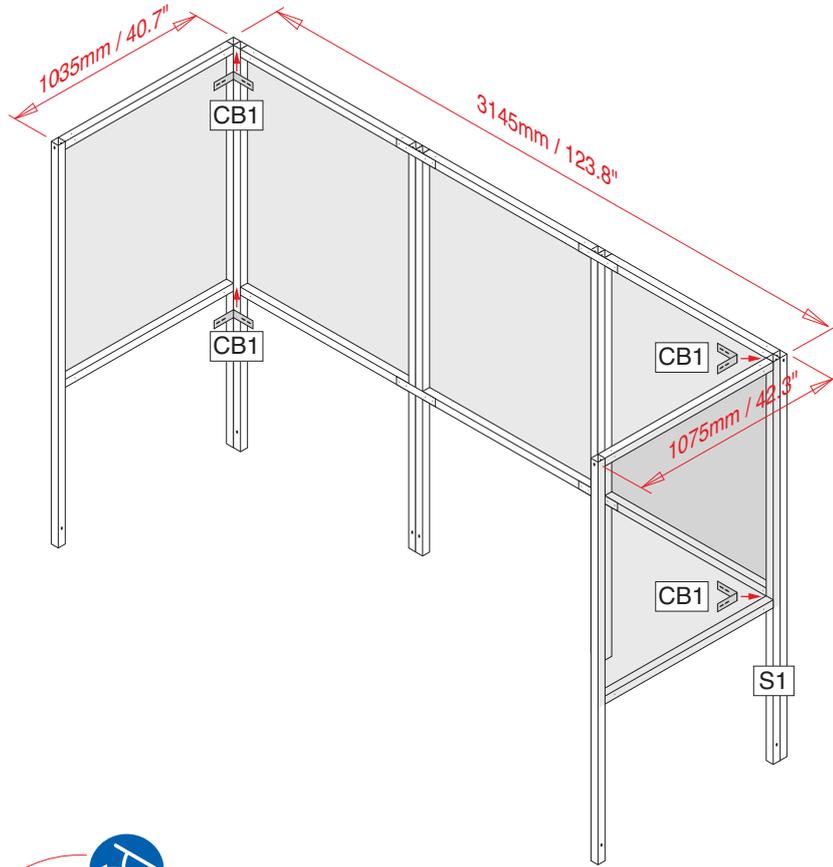
| Item No | Part No | Description | Qty |
|---------|---------|----------------|-----|
| 1 | S1 | Frame | 2 |
| 2 | CB1 | Corner Bracket | 4 |
| 25 | T25 | Tek Screw | 16 |



 Align all holes and loosely fit the screws before fully tightening

 Use T25 25mm Tek Screws only

IMPORTANT
Check the dimension of the shelter to ensure correct alignment

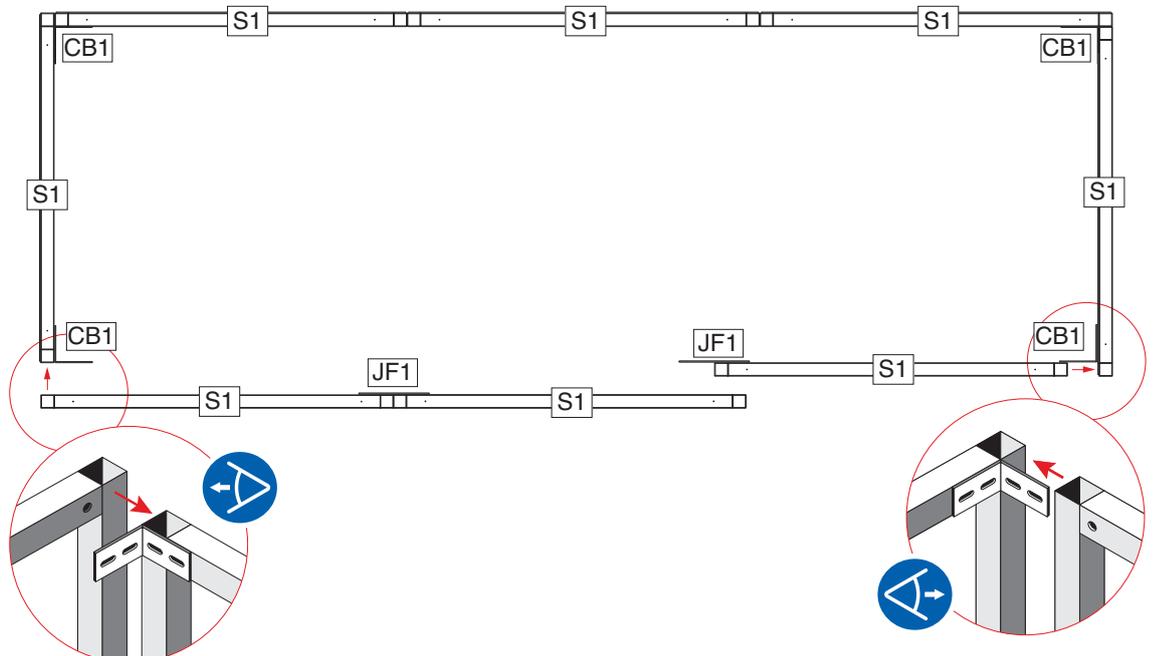
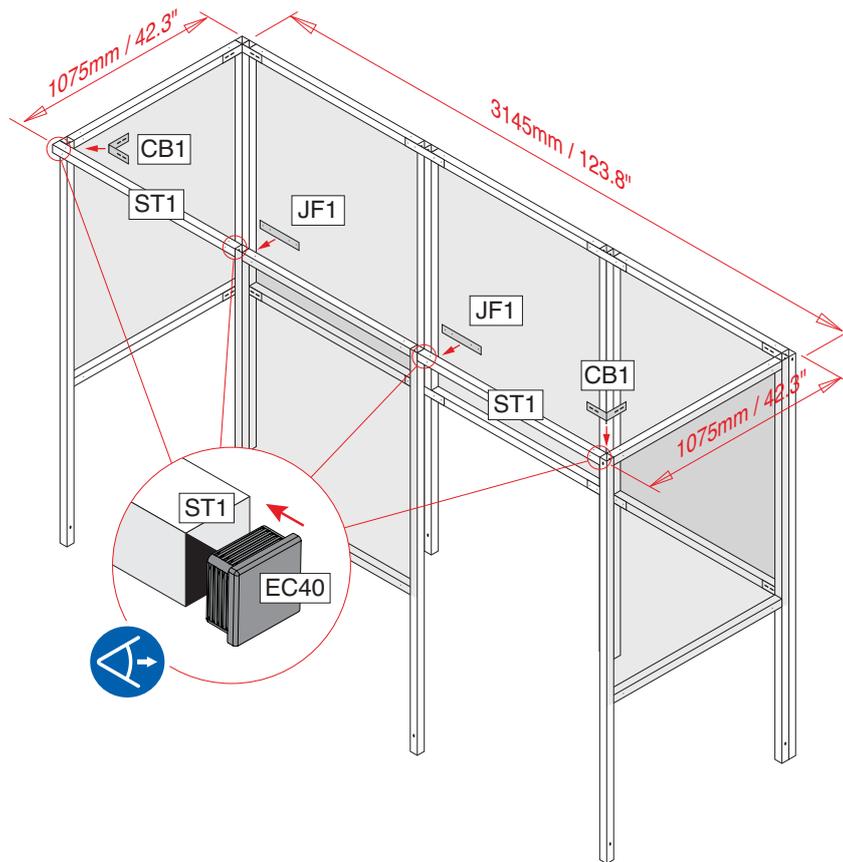


IMPORTANT
Make sure the frames are aligned as detailed

Stage 4 Assemble Front Frames

You will need

| Item No | Part No | Description | Qty |
|---------|---------|------------------|-----|
| 1 | S1 | Frame | 1 |
| 2 | CB1 | Corner Bracket | 2 |
| 3 | JF1 | Straight Bracket | 2 |
| 16 | ST1 | Roof Tie | 2 |
| 21 | EC40 | Plastic End Cap | 4 |
| 25 | T25 | Tek Screw | 16 |



Stage 5 Affix Rafter Brackets

You will need

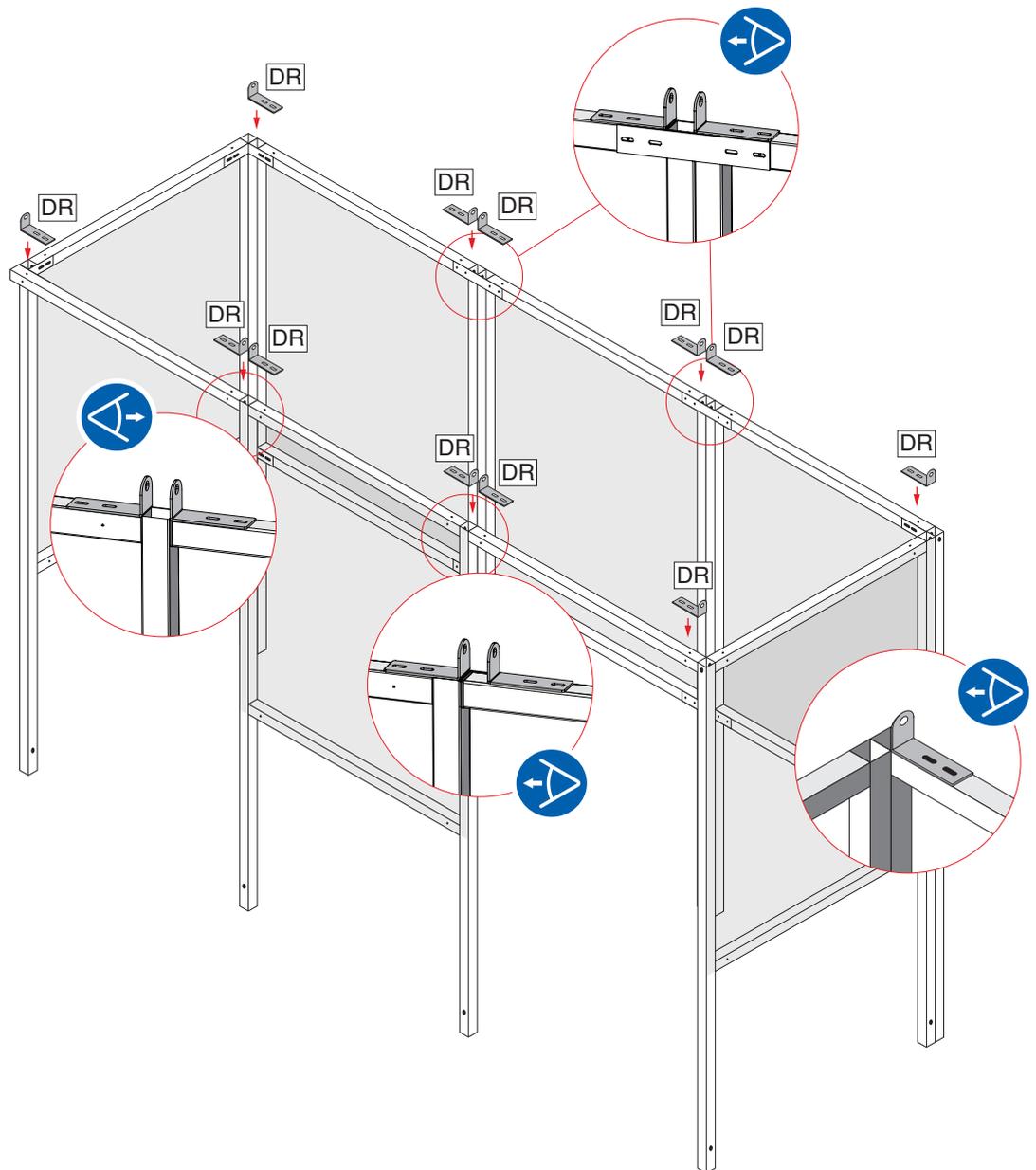
| Item No | Part No | Description | Qty |
|---------|---------|----------------|-----|
| 4 | DR | Rafter Bracket | 12 |
| 25 | T25 | Tek Screw | 24 |



 Align all holes and loosely fit the screws before fully tightening

 Use T25 25mm Tek Screws only

IMPORTANT
Please note alignment of front and back centre brackets



Stage 6

Assemble Rafters and Infill Panels

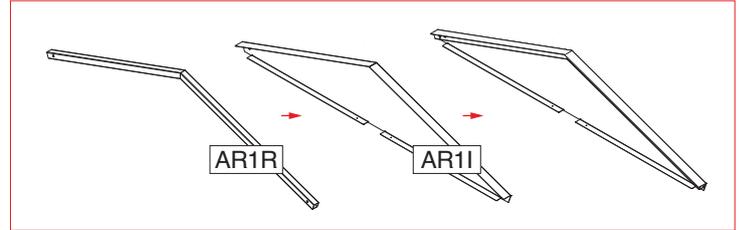
You will need

| Item No | Part No | Description | Qty |
|---------|---------|--------------------|-----|
| 5 | AR1R | Rafter | 4 |
| 8 | AR1I | Pitch Infill Panel | 2 |
| 22 | MB1 | M10 x 60 Bolt | 8 |
| 23 | N1 | M10 Nut | 8 |
| 24 | W1 | M10 Washer | 8 |

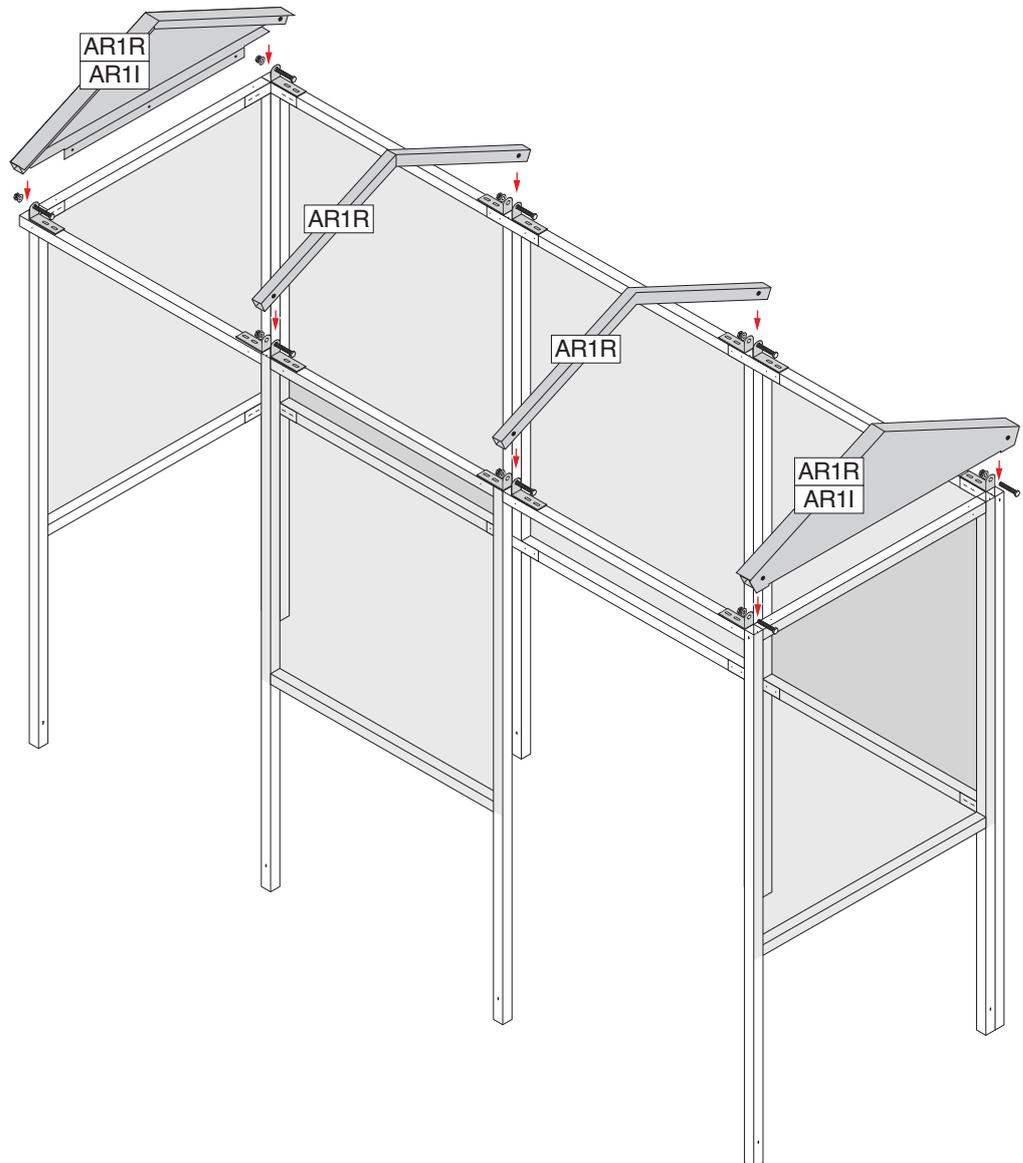
| | |
|---|---------------------|
|  | Drill / Screwdriver |
|  | 17mm Spanner |

IMPORTANT

Assemble the end panels x2 **before** attaching to the DR Rafter Brackets



 Align all holes and loosely fit the bolts before fully tightening



Stage 7 Affix Lower Roof Trims

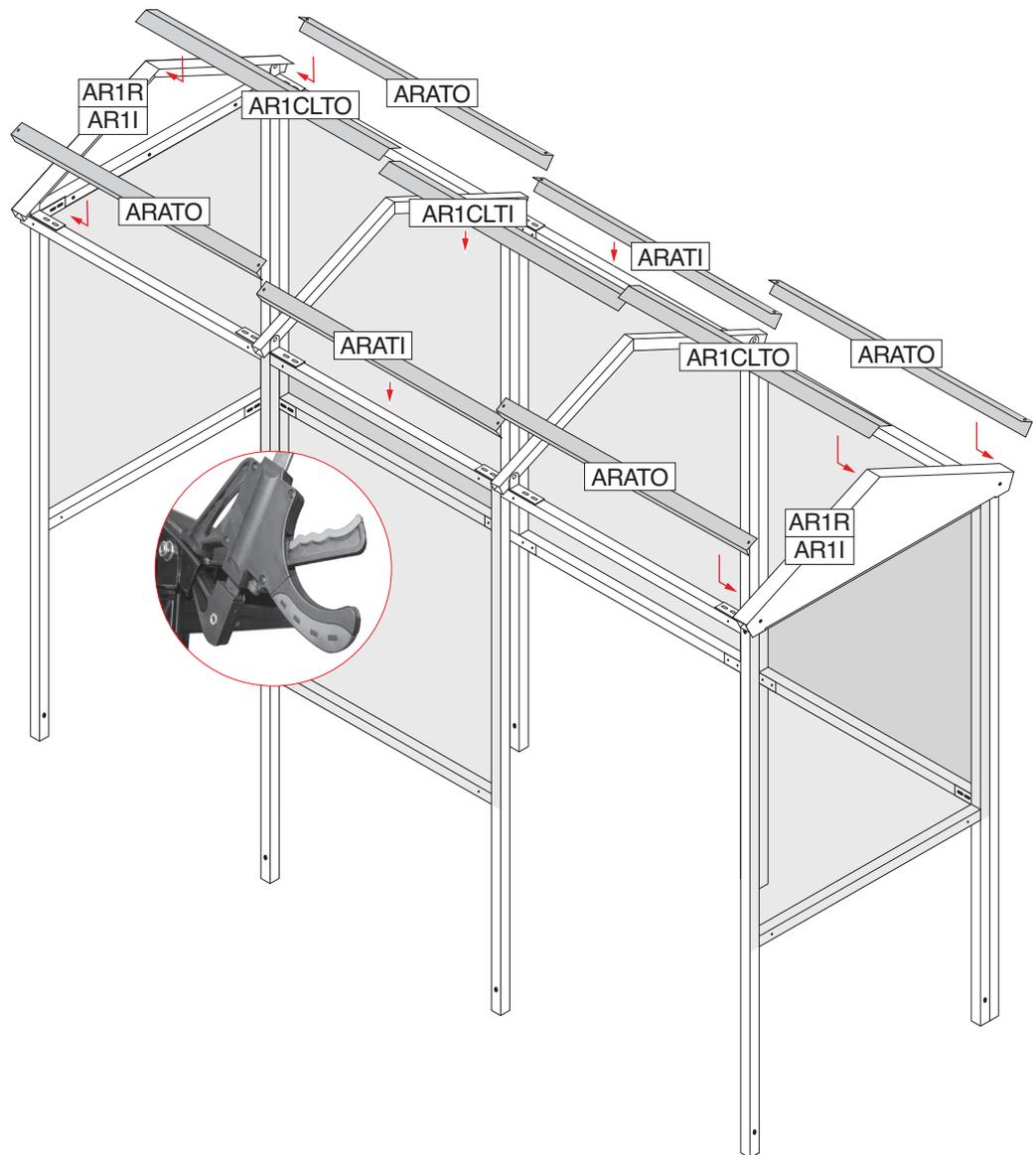
You will need

| Item No | Part No | Description | Qty |
|---------|---------|------------------------------|-----|
| 6 | AR1CLTO | Roof Centre Lower Trim Outer | 2 |
| 7 | AR1CLTI | Roof Centre Lower Trim Inner | 1 |
| 9 | ARATO | Pitch Roof Trim Outer | 4 |
| 10 | ARATI | Pitch Roof Trim Inner | 2 |

| | |
|---|---------------------|
|  | Drill / Screwdriver |
|  | Clamps |

Slide **AR1CLTO** Roof Centre Lower Trims and **ARATO** Roof Trims UNDER **AR1I** Infill Panels

Hold **ARATO/ARATI** Roof Trims in place using clamps



Stage 8

Affix Roof Panels and Trim

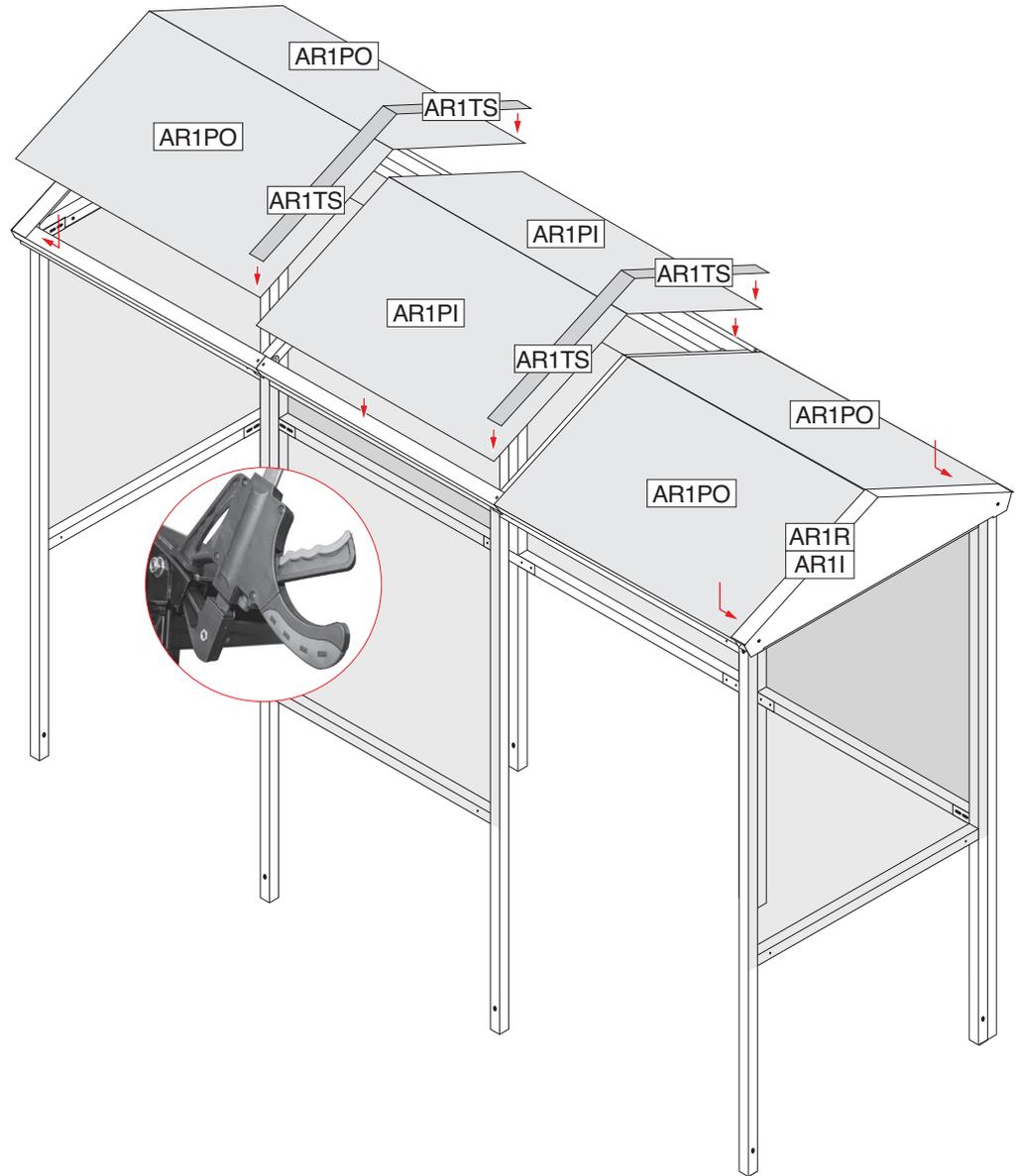
You will need

| Item No | Part No | Description | Qty |
|---------|---------|------------------------|-----|
| 11 | AR1PO | Roof Panel Outer | 4 |
| 17 | AR1PI | Roof Panel Inner | 2 |
| 15 | AR1TS | Pitch Roof Trim Strips | 4 |

| | |
|---|---------------------|
|  | Drill / Screwdriver |
|  | Clamps |

Edge of **AR1PO** Roof Panels need to align with edge of main frame and fit **UNDER** the **AR1I** End Fill Panels.

Position and hold **AR1PO/AR1PI** Roof Panels and **AR1TS** Roof Trims in place using clamps



Stage 9

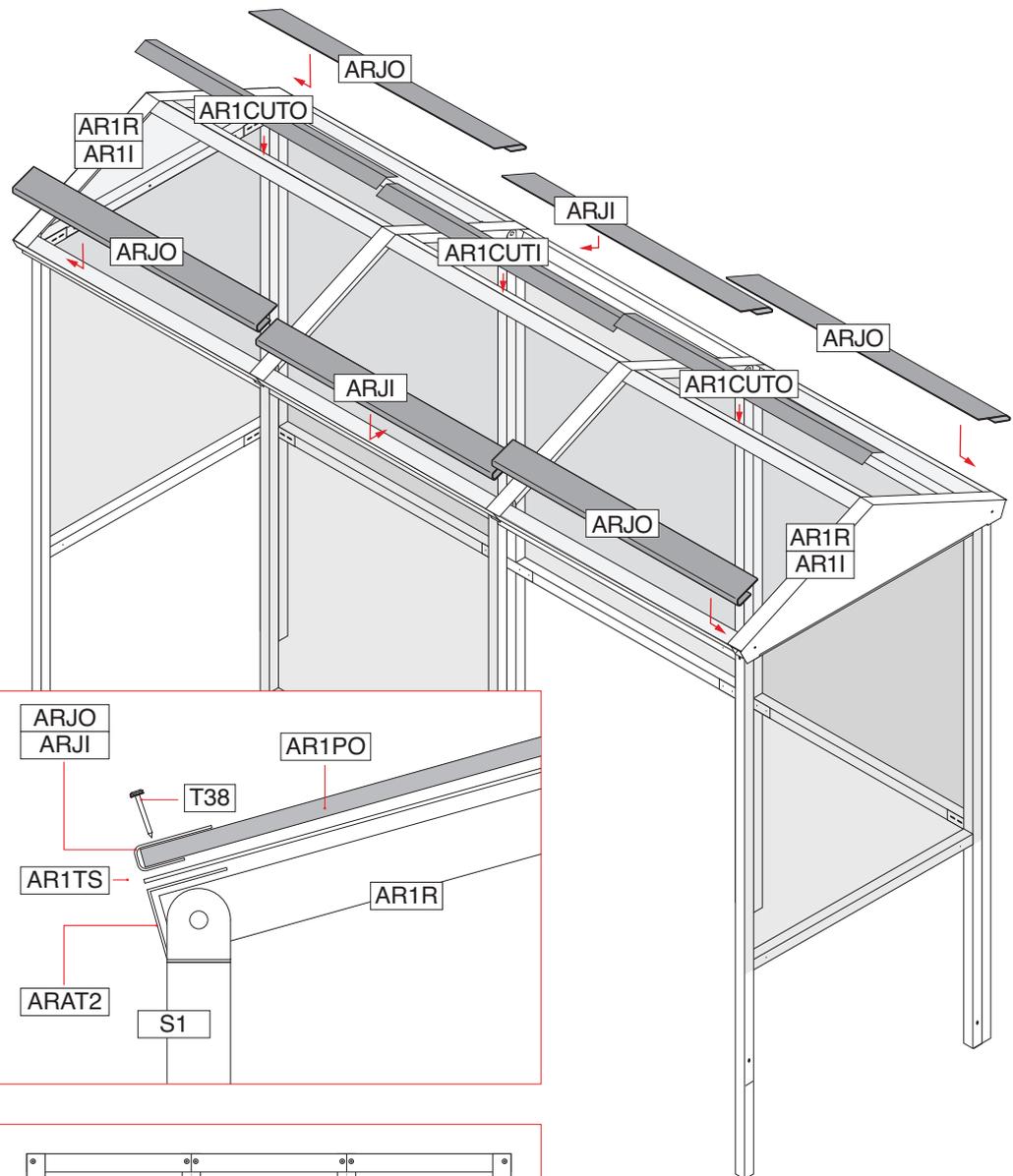
Affix Upper Roof Trims

You will need

| Item No | Part No | Description | Qty |
|---------|----------------|------------------------------|-----|
| 12 | AR1CUTO | Roof Centre Upper Trim Outer | 2 |
| 13 | AR1CUTI | Roof Centre Upper Trim Inner | 1 |
| 14 | ARJO | J-Section Outer | 4 |
| 19 | ARJI | J-Section Inner | 2 |
| 26 | T38 | Tek Screw | 24 |

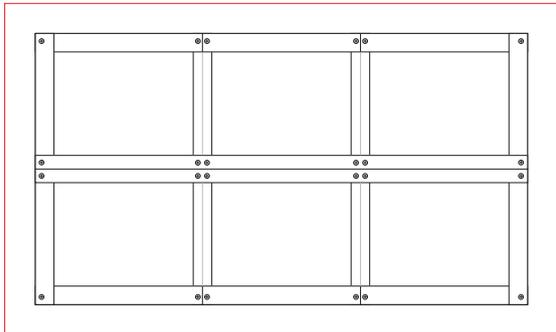
| | |
|---|----------------------------|
|  | Drill / Screwdriver |
|  | 17mm Spanner |

Secure **AR1CUTO/AR1CUTI** Roof Centre Upper Trims in place with **T38** Tek Screws into rafters.



Push **ARJO** J-Section over lower edge of **AR1PO** Roof Panels and **UNDER AR1I** Infill Panel. Secure in place with **T38** Tek Screws into rafters.

 Plan view showing **T38** Tek Screws distribution 



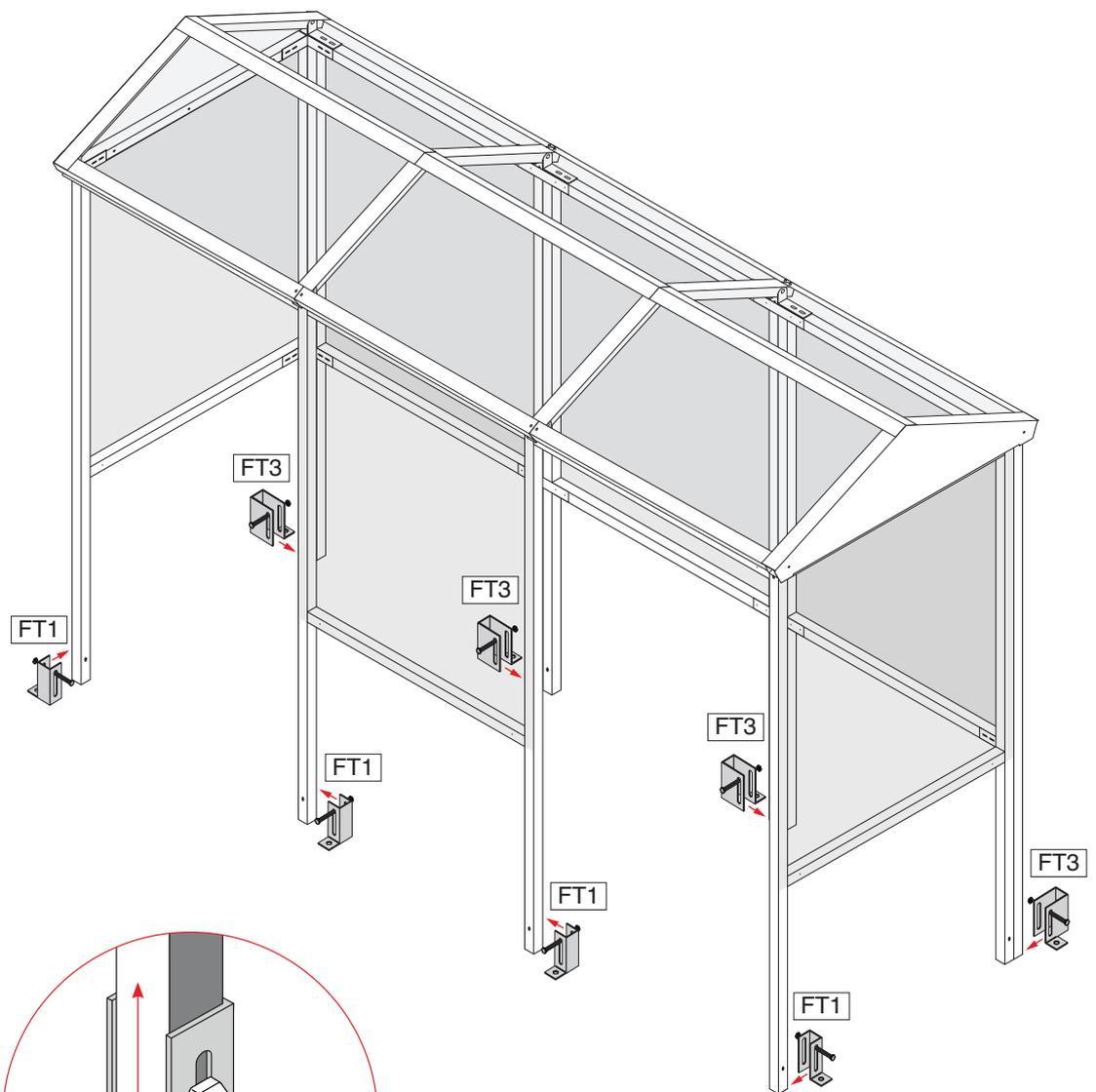
Stage 10 Assemble feet brackets to frame

You will need

| Item No | Part No | Description | Qty |
|---------|--------------------|---------------|-----|
| 18 | FT1 | Foot Bracket | 4 |
| 20 | FT3 | Foot Bracket | 4 |
| 22 | MB1 | M10 x 60 Bolt | 8 |
| 23 | N1 | M10 Nut | 8 |
| 24 | W1 | M10 Washer | 8 |
| 27 | BC | Black Caps | 85 |
| 28 | BTANCM12100 | Concrete Bolt | 8 |

| | |
|---|---------------------|
|  | Drill / Screwdriver |
|  | 17mm Spanner |

 Affix **FT1/FT3** Foot Brackets to frame before securing to concrete base using supplied **BTANCM12100** Concrete Bolts



 For levelling, loosen the **MB1** bolts, then tighten accordingly

 Finally, fit **BC** Black Caps on all exposed nuts and bolts

Thank you for purchasing this product

Maintenance

**To ensure your products give you
many years of use we recommend that you:**

- **Clean panels regularly with soapy water**
- **Ensure all fittings are tight (for example after a big storm)**
- **Touch up any exposed metal should it get scratched**