



EXTREME CANOPY

WHAT YOU'LL NEED

Drill

Socket Set

Ladder

Mallet

Forklift / Crane / Scissor Lift *

Tape Measure

String-line

Level

Marking Pencil

Stanley Knife

Allen Key (supplied)

Warning read instructions carefully before use.

Recommended procedure to follow in this document.

For safety reasons it is recommended that four persons set up any Crest Tent.

Ensure area is free from any sharp objects and overhead objects.



www.extremecanopy.com (888) 201 1968

CREST TENT OVERVIEW

1. Introduction

The Extreme Canopy Crest main structure is made up of extruded aluminum and steel. The adjustable frame Base Plate can be used on any ground surface.

Frame Specifications

Max Allowed Windspeed: 50mph (80km/hr)

Eave Connection: Hot-dip galvanized steel insert

Framework Material: Hard pressed extruded aluminum 6061/T6 (13HW)

Cover Fabrics/Material

850gsm White or Colored PVC

950gsm Clear PVC

Wall Fabrics/Material

650gsm White PVC

50gsm Colored PVC

950gsm Clear PVC

All Materials are:

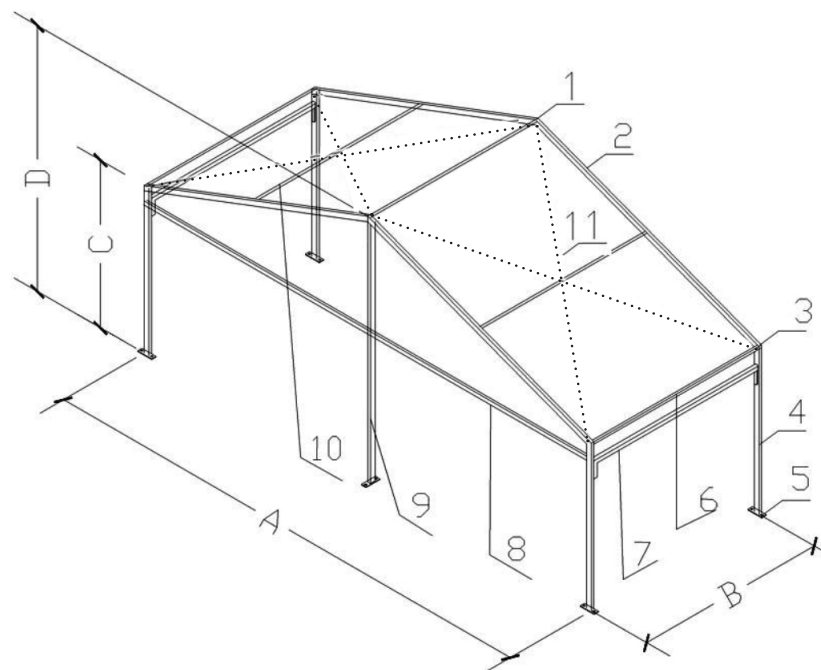
Waterproof

UV Protective

Flame Retardant (B1 DIN 4102/GB8642)

All seam/joins are constructed using high frequency welding

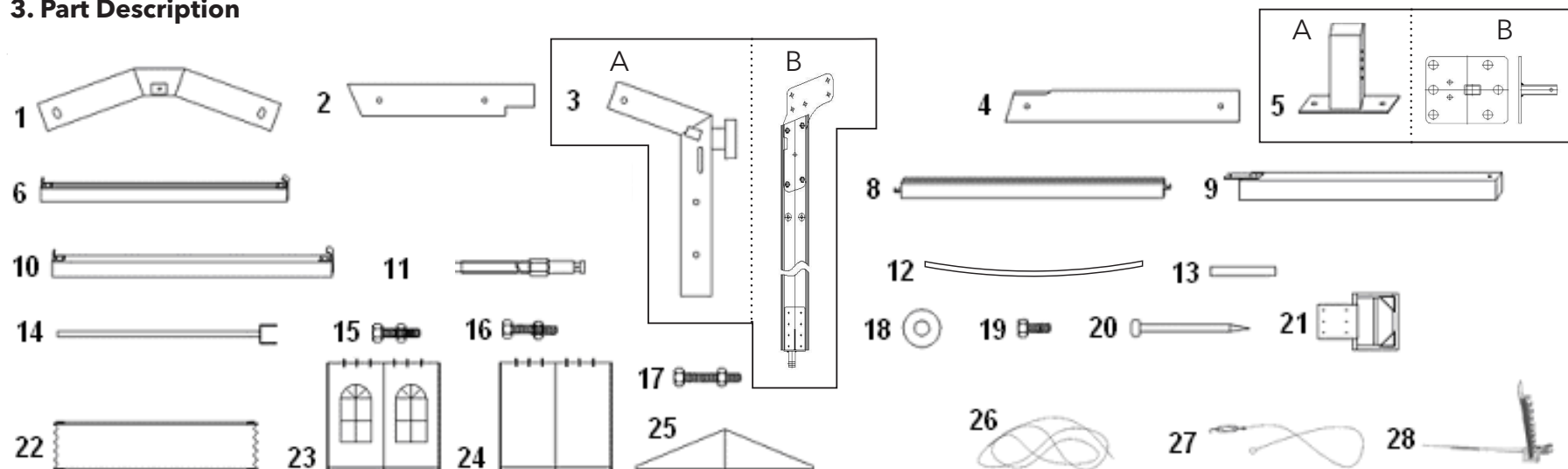
2. Structure Description



PLEASE NOTE

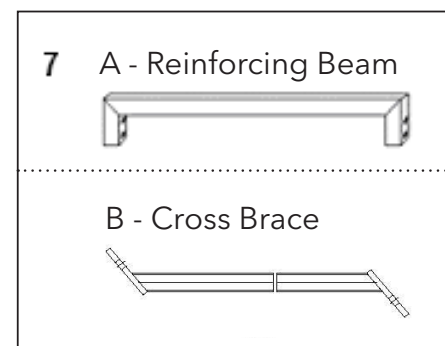
The Cross Wires indicated by the dotted line are ONLY required for larger Spans.

3. Part Description



Item #	Description
1	Ridge Connector
2	Roof Beam
3	Corner Connector (Type A / B)
4	Corner Upright
5	Base Plate (Type A / B)
6	Eave Purlin
7	Reinforce Beam (A) / Cross Brace (B)
8	Gable Eave Rail
9	Gable Support
10	Roof Purlin
11	Tension Bolt
12	Tension Bar
13	Connecting Rod
14	Mounting Fork

Item #	Description
15	M10 x 70 Screw
16	M10 x 100 Screw
17	M10 x 120 Screw + Nut
18	Washer
19	M16 x 30 Screw
20	Steel Stake
21	Weight Bracket
22	Roof Fabric
23	Side Wall
24	Front Wall/Back Wall
25	Triangle Fabric
26	Pull Rope
27	Roof Bond
28	Stake Puller



4. Assembly Cautions

- a) Before commencing construction refer to the Ground Set Out plan of the Crest Tent. Measure the ground area and confirm the Tent dimensions.
- b) Fix the Base Plate of the Crest Tent after assembling the complete frame.
- c) For safety reasons it is recommended that four persons setup any Crest Tent. Read the instruction manual carefully and check all parts before construction.
- d) Check the wind and weather conditions before commencing construction.
- e) Ensure the area is free from any sharp objects and overhead objects.
- f) Ensure you have the correct ground fixings for your application.
 - 1. Grass: Steel Stakes
Fix each Base Plate with Steel Stakes. Ensure stakes are appropriately secured into the soft surface (Grass/Dirt).
 - 2. Cement: Dynabolt
Fix each Base Plate with Dynabolts.
 - 3. Weight Plate: Ground Mounting (suitable for any surface)
Each Base Plate will need to have at least 440lbs.
- g) Once constructed a safety inspection should be conducted on a regular basis.

4.1 Dismantle Cautions

- h) Mark and pack all components in appropriate product covers.
- i) Ensure Roof and Walls Fabrics are completely dry before packing down and fitting the protective covers. Do not put heavy items on top of the Tent fabric during transport.

4.2 Maintenance

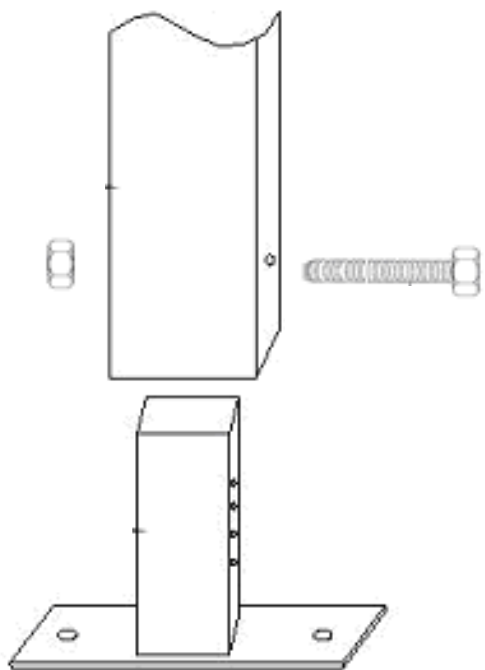
- j) The PVC should be cleaned with mild detergent, do not use any acidic or alcohol solutions. Only pack the PVC when it is dried thoroughly, to prevent mold or stains.
- k) Do not clean the aluminum parts by acid or high concentrated cleanser.
- l) Store in a cool, dry and clean environment and check the goods regularly.

4.3 Product Cautions and Safety

- m) When the Crest Tent is in use, do not leave it unattended.
- n) Wind rating as per engineering certificate, review weather conditions.
- o) When the Crest Tent is in use and if part of the structure looks damaged or not fit for purpose the Tent should be dismantled at once for safety reasons.

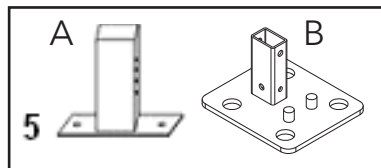
5. Construction

When commencing construction of the Crest Tent build each frame bay section flat on the ground.



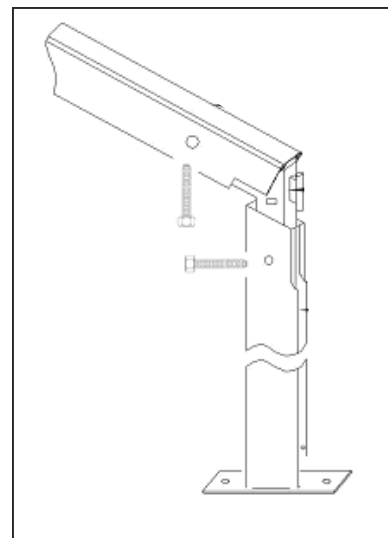
STEP 1: Assemble Base Plate and Corner Upright

Position the Base Plate into the Corner Upright and bolt together.



Refer to the Elevation Drawing and Parts List to confirm your method of construction for Step 2.

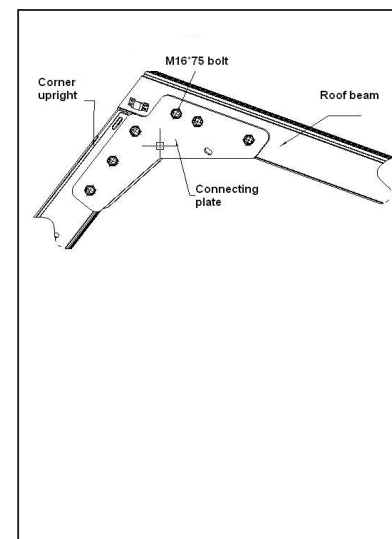
FRAME TYPE A



STEP 2 (A): Assemble Corner Upright, Corner Connector and Roof Beam

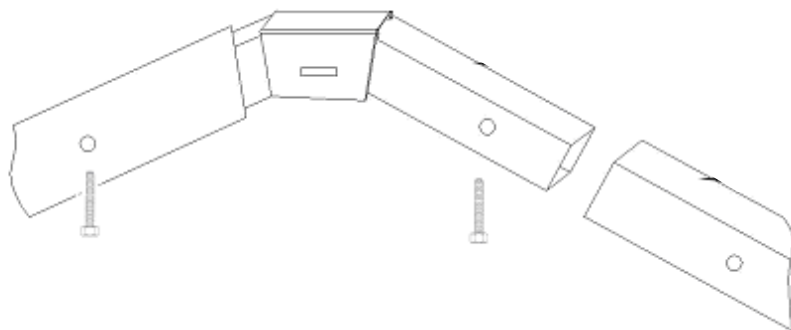
Put Corner Connector into Corner Upright and Roof Beam and bolt together.

FRAME TYPE B



STEP 2 (B): Assemble Corner Upright and Roof Beams

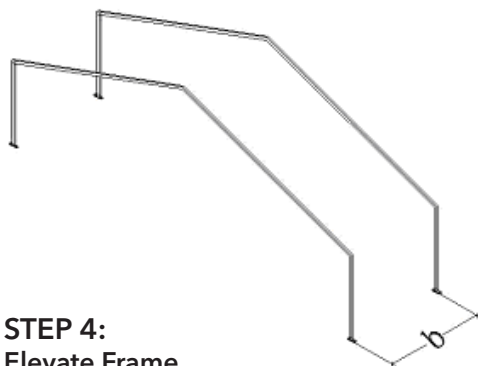
Insert Roof Beam into the Upright Beam and bolt together.



STEP 3: Assemble Ridge Connector with Roof Beams

Put Ridge Connector into Roof Beam and bolt together.

You have now completed one Bay, repeat the process until all Bays are constructed.

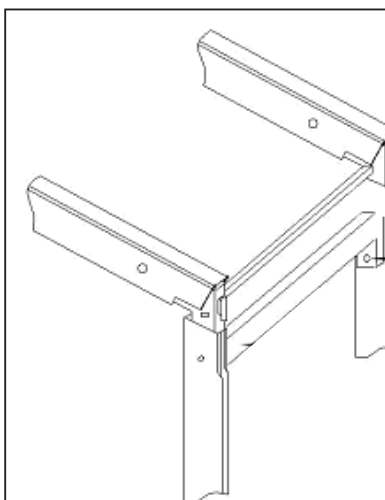


STEP 4: Elevate Frame

When two bays have been completed, stand up the first bay. Once upright hold into position with two team members or secure with ropes. Stand up second bay and move into position.

Diagram note: (b) 3m or 5m bays, refer to elevation diagram.

Refer to the Elevation Drawing and Parts List to confirm your method of construction for Step 5.

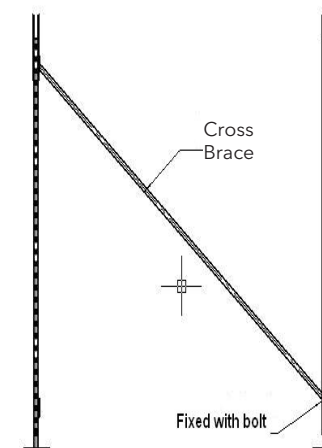


STEP 5 A: Connect the Reinforcing Beam

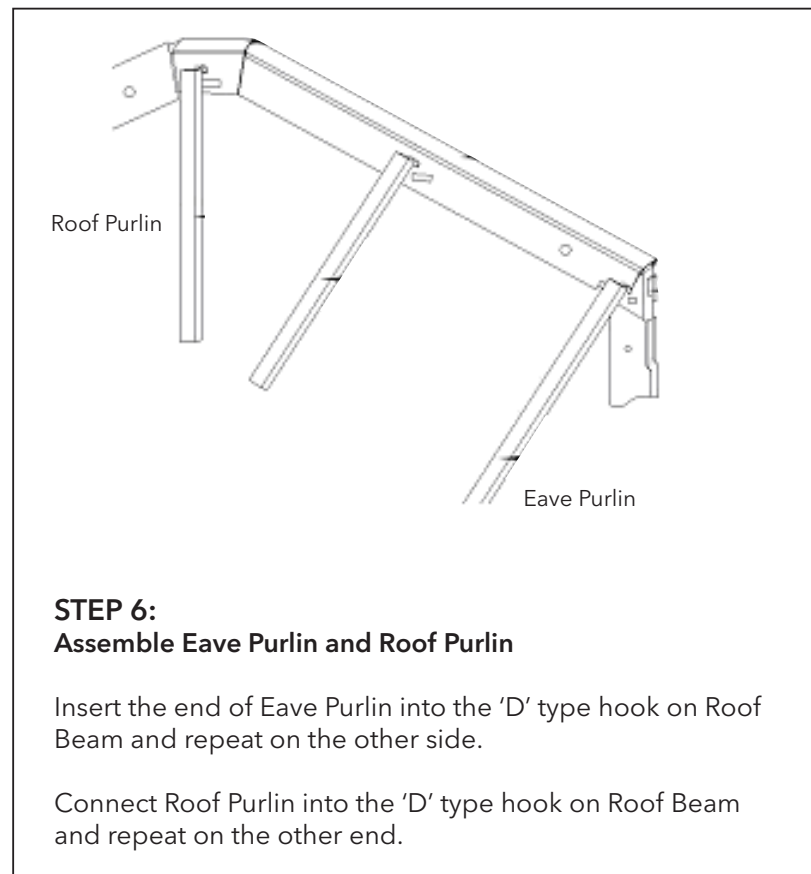
Connect the two bays together using the Frame Reinforcing Beam and bolt together.

STEP 5 B: Connect the Cross Brace

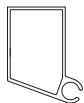
Refer to elevation diagram for positioning of Cross Braces.
Fix the Cross Brace to the Corner Uprights and bolt together.



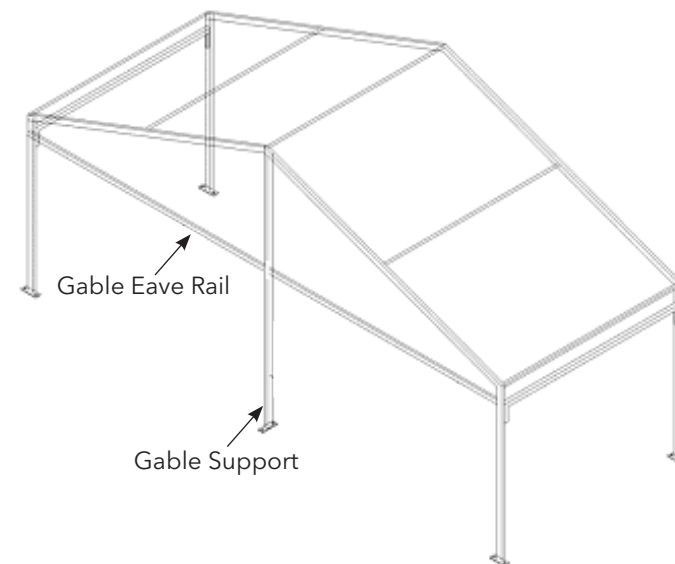
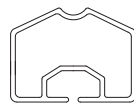
Refer to the Elevation Drawing and Parts List to confirm your method of construction for Step 6.



A - Eave Purlin Type



B - Eave Purlin Type



STEP 7:
Assemble Gable Support and Gable Eave Rail

Insert the end of Gable Support into the 'U' type hook of Ridge Connector and fix with Screw.

Fit the 'hook' end of Gable Eave Rail on the 'D' type hook of Gable Support.

Fit the other Gable Eave Rail to the 'D' type hook on the Corner Connector.

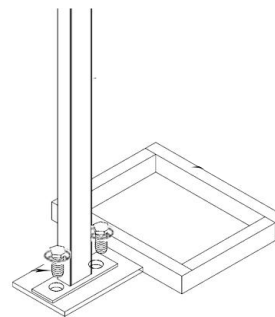
Repeat this step for the other Gable End of the Tent.

STEP 8: Ground Fixings

The frame must be fixed and secure prior to installing the Roof and Wall Fabric.

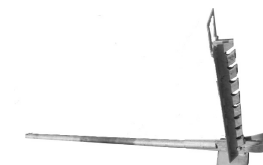
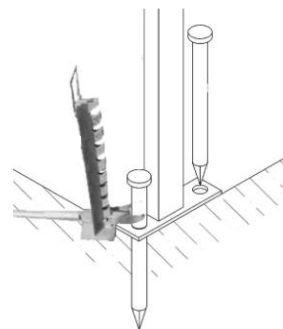
Ensure you have the correct ground fixings for your application.

1. Grass: Steel Stakes
Fix each Base Plate with Steel Stakes. Ensure stakes are appropriately secured into the soft surface (Grass/Dirt).
2. Cement: Dynabolt
Fix each Base Plate with Dynabolts.
3. Weight Plate: Ground Mounting (suitable for any surface)
Each Base Plate will need to have at least 200kg.



8.1 Weight Plate Fixing

Fix the Corner Upright with the Weight Bracket using bolts and washers as seen in the above drawing.

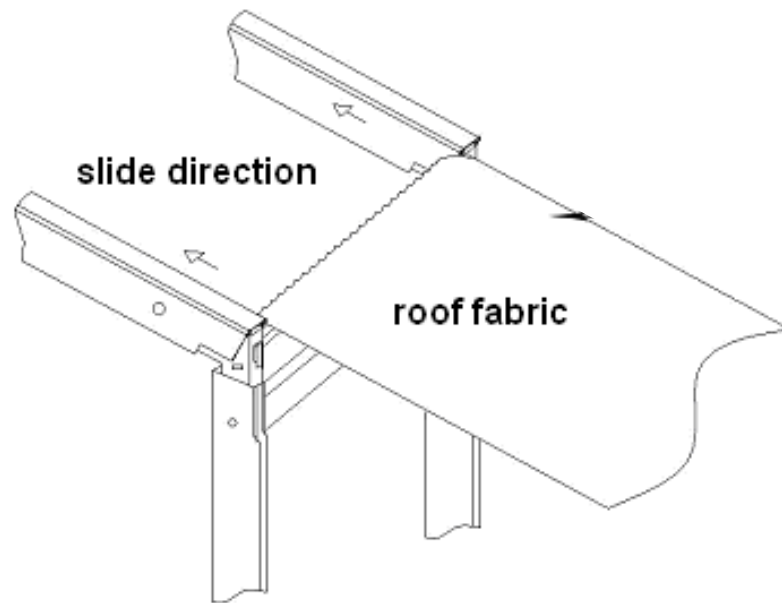


Pin Puller

8.2 Securing Steel Stakes and removing Steel Stakes

Insert Steel Stake into the opening of Base Plate and drive Steel Stake into the ground with a mallet/hammer until securely fixed.

When removing Steel Stakes use the Stake Puller to remove.

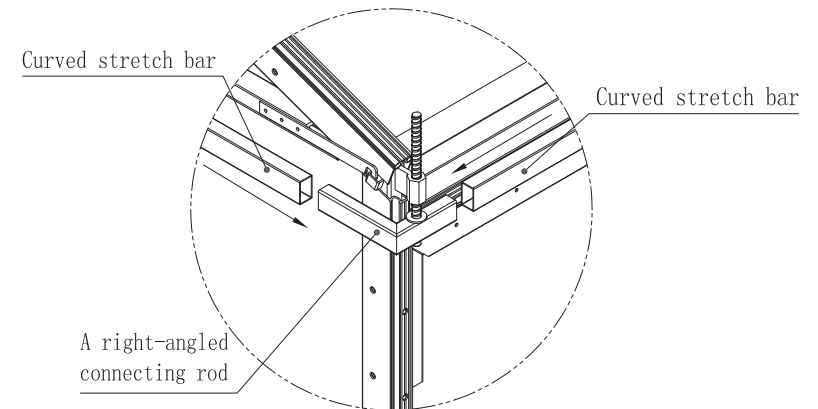


STEP 9: Installation of Roof Fabric

Connect the Ropes to the Webbing on Roof Panel.

Insert right and left edges of the Roof Fabric into the channels of the Roof Beam.

Pull the fabric into position using the Ropes.



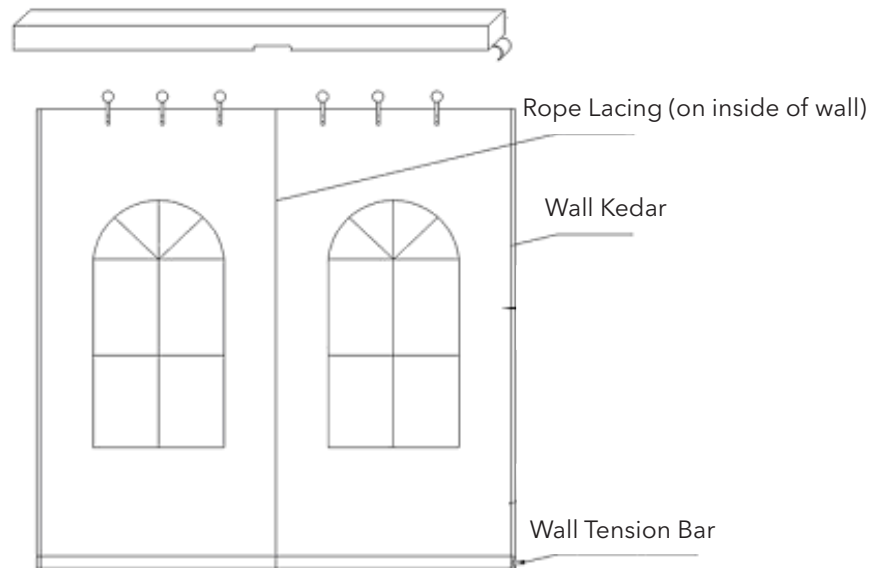
STEP 12: Fix Thread Bracing and Tension Bar

Insert the Tension Bar into the sleeve of the Roof fabric the correct way as shown in drawing (12a) .

Install the Thread Bracing Rod, then tighten the Thread Bracing Rod evenly on both sides.

Drawing 12a.
Roof Tension Bar
Curve facing down.





STEP 11:
Installing the Gable Fabric and Side Walls

Install the top of wall into channel of Cross Beam.

Insert the left/right side of fabric into the channel of uprights.

STEP 12:
Installing the Wall Tensions Bars

Side Tension Bars into bottom sleeve of Walls and secure to uprights.

Product Cautions and Safety

When the Crest Tent is in use, do not leave your marquee unattended.

Wind rating as per engineering certificate, review weather conditions.

When the Crest Tent is in use and if part of the structure looks damaged or not fit for purpose the marquee should be dismantled at once for safety reasons.