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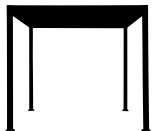
2.7 M X 4.4 M / 8.8 FT X 14.4 FT

LOUVERED PERGOLA

百葉式戶外遮陽亭

INSTRUCTION MANUAL / 使用說明書

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THANK YOU FOR PURCHASING OUR MIRADOR BIOCLIMATIC PERGOLA!

This manual will provide you with clear and detailed instructions on how to safely and correctly assemble and maintain your pergola, to ensure it brings you many years of use and enjoyment.

IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY

Warning: Important safety instructions. It is important for the safety of persons to follow these instructions. Please keep these instructions in a safe place.

This product can be used by children ages from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the product in a safe way and understand the hazards involved. Children shall not play with the product. Cleaning and user maintenance shall not be conducted by children without supervision of an adult.

Intended use

This pergola is intended for outdoor domestic use in residential environments, and to protect users from direct sunlight, glare and heat. Any use or modification to the pergola not included in this manual shall be considered as improper use, which may cause considerable danger to users and property and will void the product warranty.

For parts and customer service, please call 1-800-867-9018 in the U.S. and Canada (English and Spanish) Monday - Friday: 6:30 am - 4:30 pm, Saturday - Sunday: 8:30 am - 4:30 pm, Pacific Time. For other regions, email support@miradoroutdoor.com

Digital instruction manual is also available on our official website www.miradoroutdoor.com for your reference.

TABLE OF CONTENTS

- Before Assembling Your Pergola	3
- Important Safety Advice	5
- List of Parts	7
- Assembly	9
- Operating Your Pergola	28
- Problem Solving, Care & Maintenance	29
- Warranty & Complaints Procedure	31
- Disassembly & Disposal of the Product	32
- 使用説明書	33
- Distributors	65

BEFORE ASSEMBLING YOUR PERGOLA

WARNING: Important safety instructions. Follow all instructions, since incorrect assembly can lead to severe injury.

Make sure you have all the tools required for assembling your product:

In order to assemble your product safely and correctly, please ensure you have access to the following tools and accessories, all of which are not provided.



Hard hat



Protective gloves



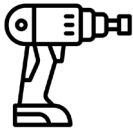
Tape measure



Leveler



Phillips screwdriver



Cordless screwdriver



Hexagonal spanner /
wrench set



Hammer drill



Hammer



2 Stepladders

Check to ensure there are no missing parts:

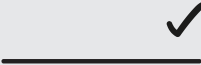
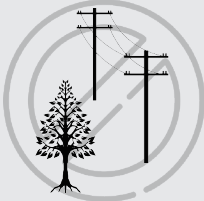
Before you begin assembly, please check that you have all the parts required to assemble your pergola. Please also carefully check that the quantity of parts matches with that of the model you have purchased.

If any parts are missing, please refer to the **Warranty & Complaints Procedure** to contact customer service before beginning the assembly.

Prepare the parts you will need for each step:

In the **Assembly** section of the manual, each step indicates the necessary parts and quantities required to complete the step. We recommend that you prepare the parts you will need for each assembly step. Doing this will save you time and effort during assembly. If possible, place the parts on cardboard or other soft surface to protect from scratching the painted surfaces.

Select a suitable location:

The ground should be solid and flat	The ground should be level	Sufficient water drainage	Easy access to power	No overhanging trees and powerlines
				
				

Warning:

Most terraces or patios are designed with a slight slope to prevent (rain) water from forming pools or reaching the house or other structures. For the perfect pergola installation, a level concrete surface without such a slope is required. Small pebbles could also prevent the pergola from being safely secured on the ground.

If the pergola is installed on an uneven surface, it may prevent accessory components from working correctly and may void the product warranty.

Prepare a foundation:

To prepare it, you need to:

- check for underground pipes and cables (Call 811 before you dig if you live in the USA)
- check with your local authorities regarding any building permits that may be required
- contact a reliable contractor to install a concrete base if you don't have one

Do not assemble the pergola on sandy, muddy or loose soil, as the stakes do not have the sufficient anchorage to be installed in these types of soil.

IMPORTANT SAFETY ADVICE

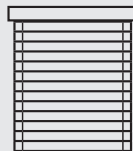
For the safety of all persons assembling and using the pergola, it is important to follow the safety guidelines below.

The pergola must be positioned and fixed on flat level surface.	Always wear appropriate work shoes, gloves and eye protection when working.	Work well away from power lines, particularly when handling metal parts.	If using power tools or a ladder, always follow the manufacturer's safety instructions.	Make sure the pergola complies with local building regulatory codes.
Working at heights can be dangerous. Always wear protective clothing to prevent injury in the event of a fall.	Only use ladders and scaffolding with a sufficiently high load bearing capacity.	Keep clothing and body parts away from the pergola to prevent them from getting caught in the moving parts.	Foliage or other foreign objects on the roof and in the guide rails should be removed regularly, to prevent damage to the pergola.	Only use replacement parts that are approved by the manufacturer.

Put the louvers into the vertical position during snowfall or wind to avoid damage.



Installation of non-Mirador branded accessories will void the product warranty and can damage the operating mechanism.



Mirador®

After prolonged use we recommend you check all the fittings are tightened securely.



Please recycle packaging where possible.



Do not attempt to assemble the product if you are tired, or after consuming alcohol.



Dispose of all plastic bags safely. Keep them out of the reach of children.



Keep children and pets away from the assembly area until the work is completed.



Do not attempt to assemble the pergola in windy or wet conditions.



Do not climb on the roof.



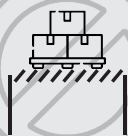
Prior to each operation, visually check the pergola for damage. If damage is visible, stop using it immediately and contact authorized personnel to repair the damage.



Do not touch moving parts during operation.



Do not place anything on the roof.



Hanging objects on the pergola may cause serious damage and is not permitted.



Changes to the design or configuration of equipment may not be made without consulting the manufacturer or authorized representative.



Do not start the roof mechanism in case of frost or ice build-up, as it may damage the drive of the louvers.

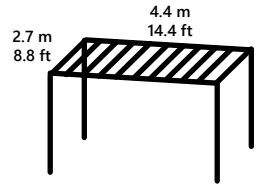


LIST OF PARTS

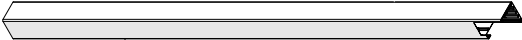
Please carefully check that the quantity of parts matches with that of the model you have purchased.

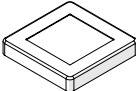
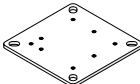
PLEASE NOTE that the anchor bolts provided may not be suitable for your chosen installation location. Please check before proceeding.

DO NOT USE AN IMPACT CORDLESS SCREWDRIVER TO ASSEMBLE THE PERGOLA.
USE A STANDARD CORDLESS SCREWDRIVER ON THE BASE SETTING. ALL HOLES
HAVE BEEN PREDRILLED OR FITTED FOR ASSEMBLY.



*Extra spare parts included

REF	PART NAME	QTY
A	 Corner Pillar	4 pcs
B	 Side beam with gearbox	1 pc
B1	 Side beam without gearbox	1 pc
B2	 Side beam without gearbox 1	1 pc
B3	 Side beam without gearbox 2	1 pc
C	 End beam	2 pcs
D	 Louver	28 pcs
G	 Connecting strip	2 pcs
H	 Crank	1 pc

REF		PART NAME	QTY		REF	PART NAME	QTY
I		Foot plate cover	4 pcs	R		Screw ST5.5 x 19 mm	20+4* pcs
J		Foot plate	4 pcs	S		Cotter pin	28+4* pcs
K		Louver end cap	55+2* pcs	U3		U-Shapped Channel	2 pcs
L		Louver end cap with control arm	1 pc	V		Crank coupler	1 pc
M		Shaft support cover	56+2* pcs	W		Anchor bolt M8 x 80 mm	16 pcs
N		Corner pillar cover	3 pcs	X		Hex key S4	1 pc
N2		Corner pillar cover (logo)	1 pc	Y		Hex key S6	2 pcs
O		Screw ST5.65 x 45 mm	24+2* pcs	Z		12 mm SDS Plus Drill Bit	1 pc
P		Screw M5 x 12 mm	112+6* pcs	Z3		Silicone Sealant	1 pc
Q		Screw ST4.2 x 25 mm	112+6* pcs	Z10		Spare plastic pin	0+10* pcs

ASSEMBLY

1. Set up the corner pillars



Assembly Video

1A

Slide the foot plate cover **I** with its wide opening facing outwards on the straight end of the corner pillar **A**.

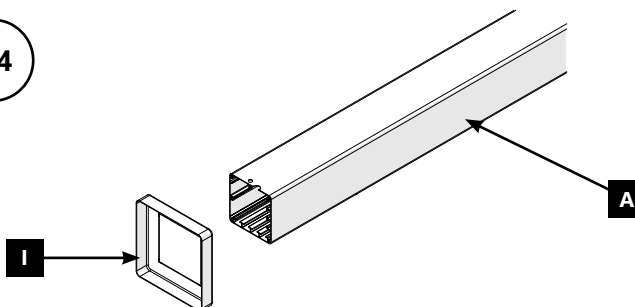
I x 4



A x 4



x 4



1B



Push the foot plate **J** against the straight end of the corner pillar **A**. It only fits in one direction and in one position. If in doubt, rotate it until it fits easily.

Screw in the foot plate **J** with 6 screws **O**.

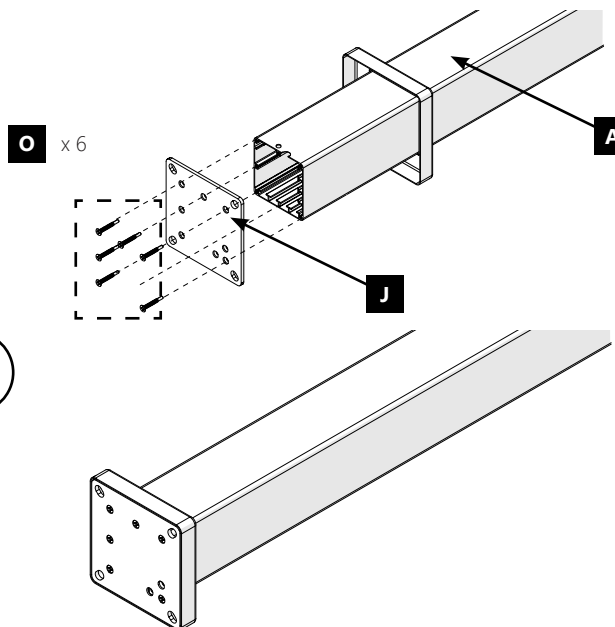
O x 24



J x 4



x 4



2. Connect side beam to the corner pillars

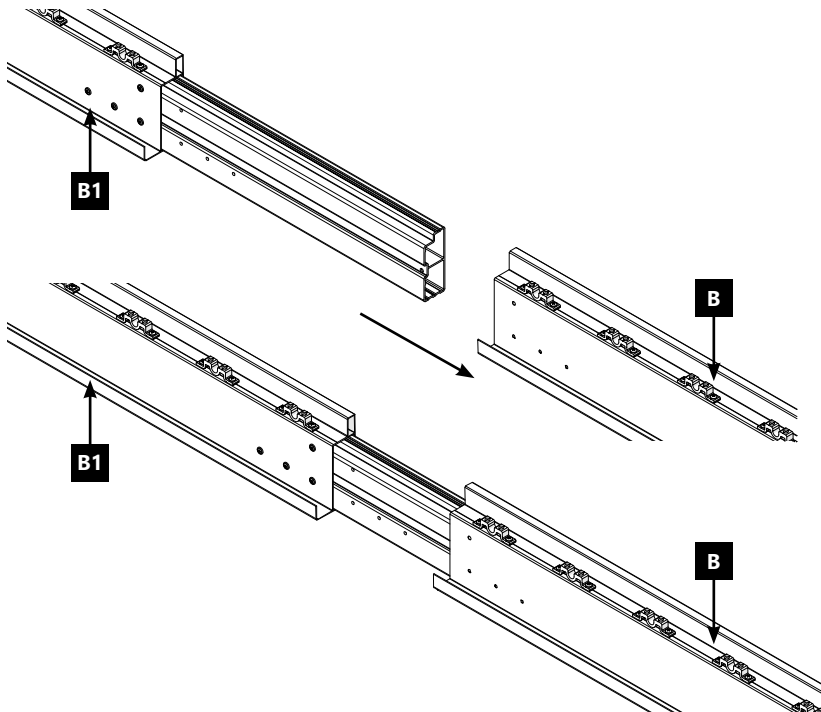
2A

On a flat level surface slide the end of side beam **B1** into **B**, until the end piece is no longer visible. The seem between **B** and **B1** should be even without angle.

B x 1



B1 x 1



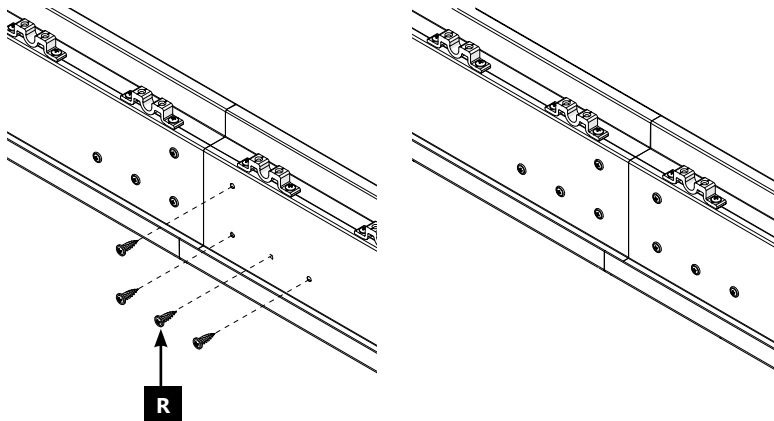
2B

Secure the two side beams with screws **R**.

Notice:

Do not over tighten or strip out the screws.

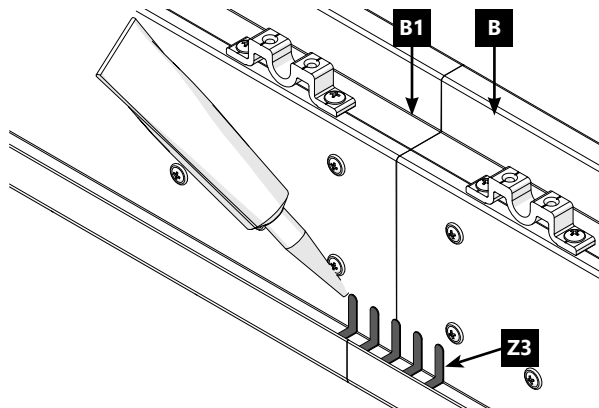
R x 4



2C

Apply silicone sealant **Z3** along the seam of the side beams, keeping it within the U-shaped channel **U3** outline.

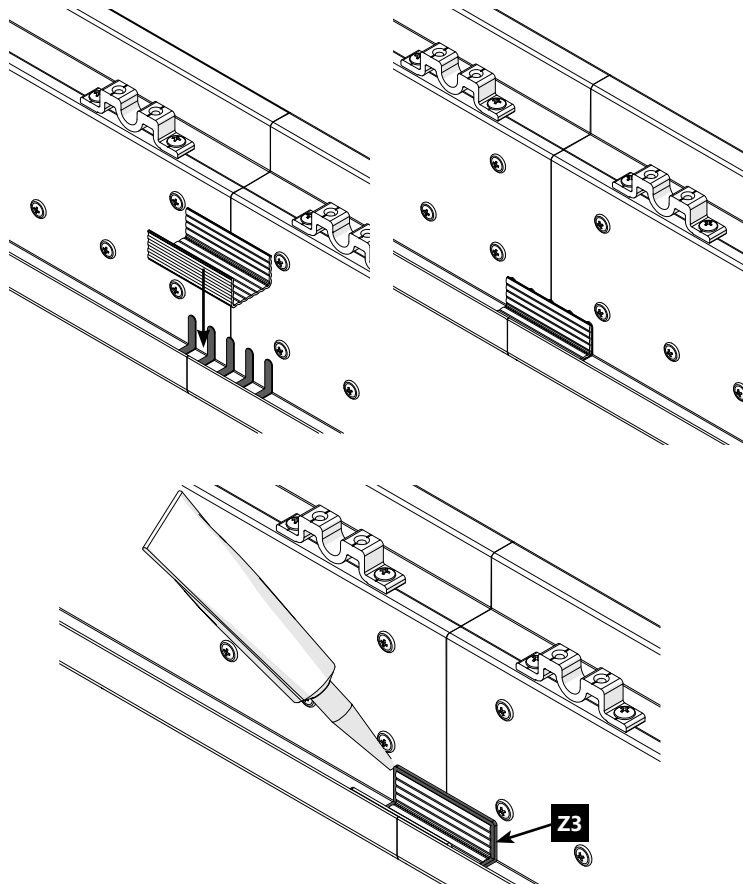
Z3 x 1



2D

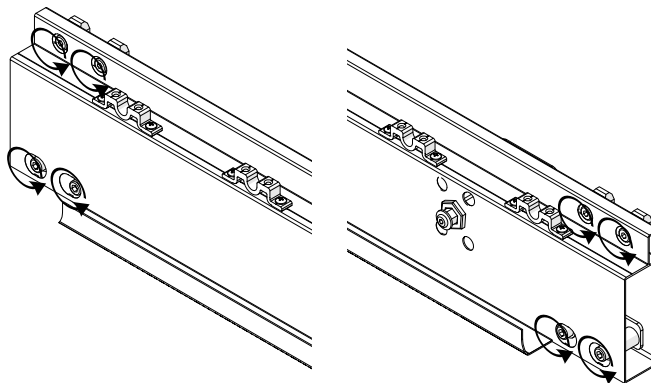
Attach the U-shaped channel **U3** to the seam of the side beams, then apply silicone sealant **Z3** around its edges to secure it.

U3 x 1



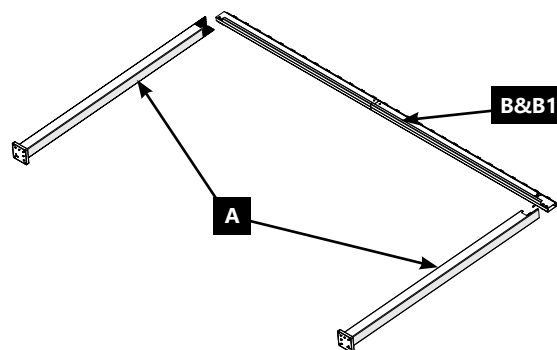
2E

Using a hex key S6 **Y**, slightly loosen the 8 built-in screws at both ends of the side beam (**B** & **B1**).
(4 on each side)

Y x 1**B** x 1**B1** x 1

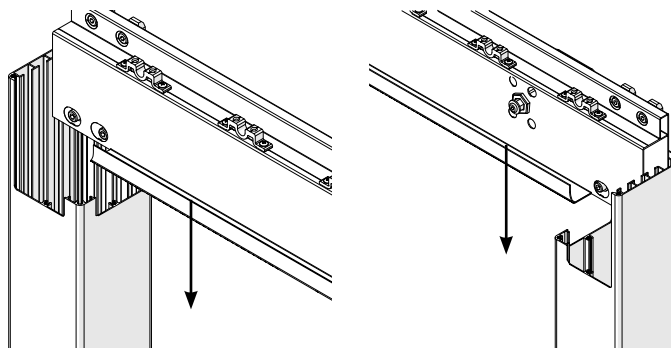
2F

Lay two corner pillars **A** and place the side beam (**B** & **B1**) on the ground, as shown in the picture.

A x 2

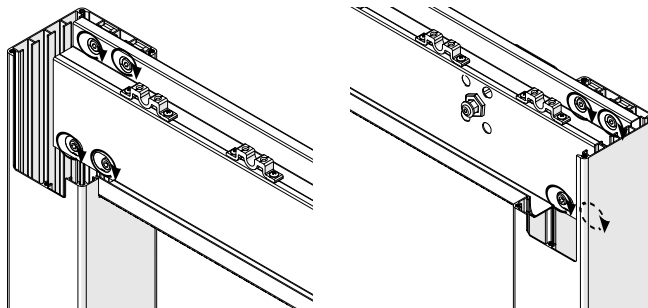
2G

Slide the side beam (**B** & **B1**) into the grooves of the corner pillars **A**, in such a way that the slot nuts of the side beam interlock with those of the corner pillars.



2H

Tighten the screw with the hex key **Y**.



Y x 1



2I

Repeat steps **2A** - **2H** to connect the beam without gearbox (**B2** & **B3**) with the remaining two corner pillars **A**.

R x 4



Y x 1



U3 x 1



Z3 x 1



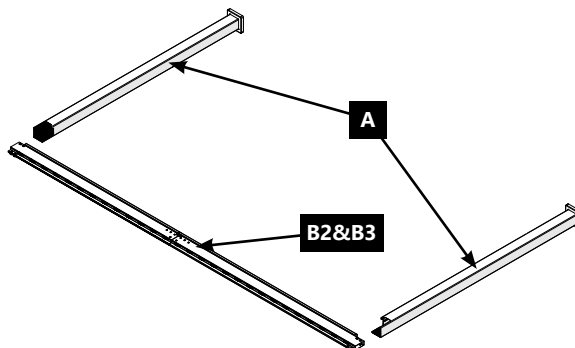
B2 x 1



B3 x 1



A x 2



3. Assemble end beams

This phase requires 4 persons and at least 2 stepladders.
Make sure that the stepladders are standing securely to avoid falling.



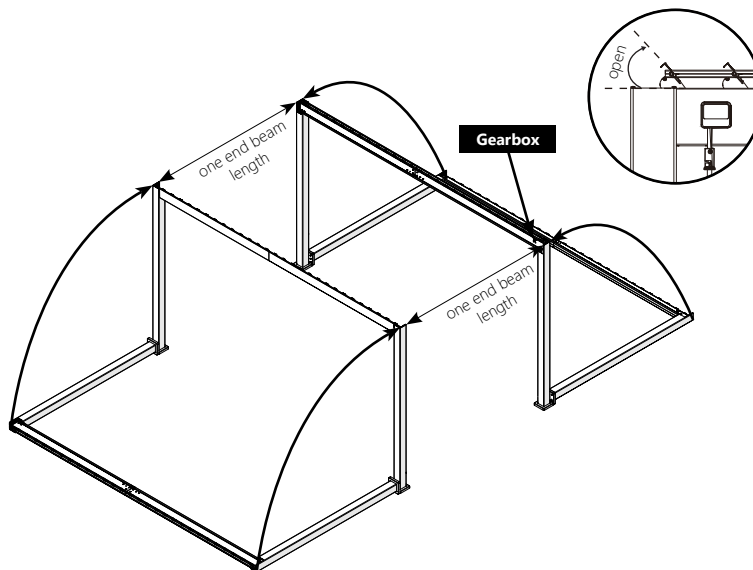
Only use ladders suitable for this kind of assembly work.

3A

Stand the two structures built in **steps 2** in an upright position, and place them at one end beam length away from one another. Make sure that one person is supporting each corner leg **A** to prevent the structures from falling.

Notice:

When determining the installation direction of the product, please consider the opening direction of the louvers as well as the desired sunshade effect.



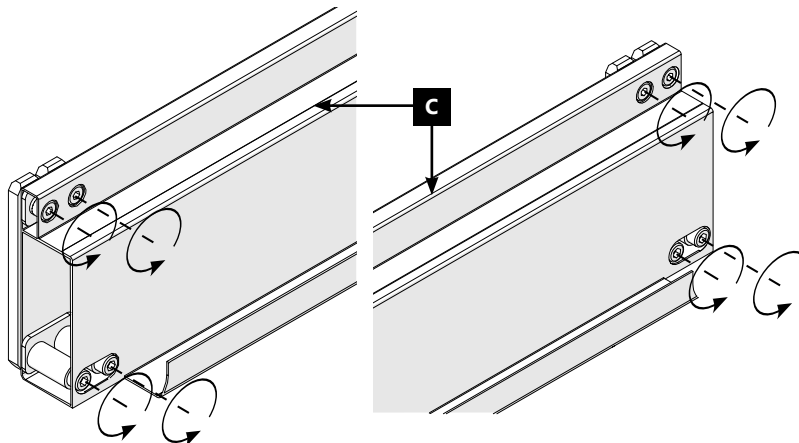
3B

Slightly loosen the 8 built-in screws at both ends of the end beam **C**.

Y x 1



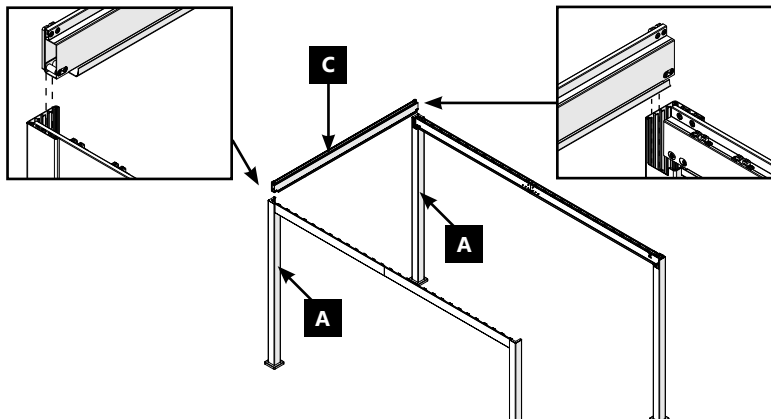
C x 1



3C

Slide the slot nuts of the end beams **C** from above into the slots of the corner pillars **A**.

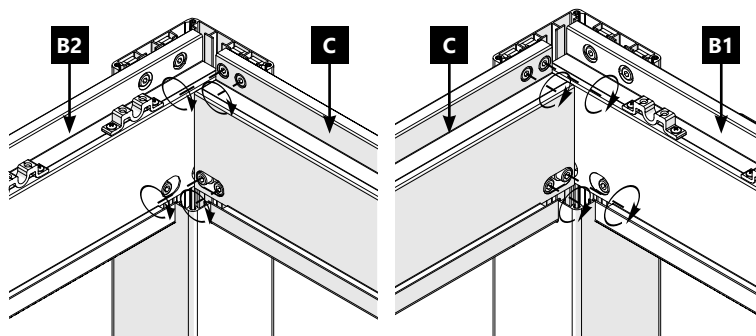
C x 1



3D

Once the beam is in the correct position, tighten the 8 built-in screws on both ends using the hex key **Y** provided.

Y x 1



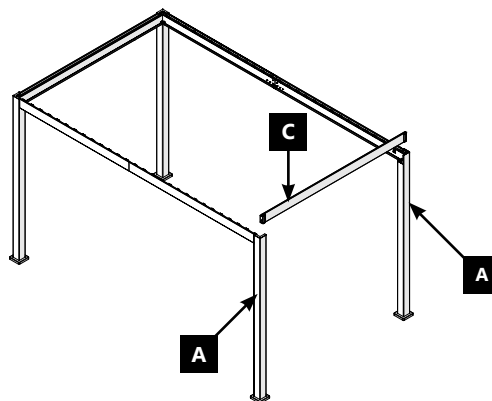
3E

Assemble the other end beam **C** by repeating steps **3B** - **3D**.

Y x 1



C x 1



4. Check the alignment of the frame and the distance between the corner pillars

You are now almost done assembling the main frame of the pergola. Please double check to ensure all beams and pillars have been assembled and fitted correctly. You may have to unscrew certain bolts during this step.

You will also need a tape measure and a leveler to complete this step.

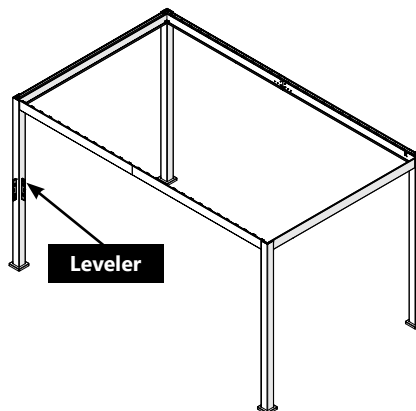
4A



Choose one of the corner pillars **A** and work from this pillar. Choose this pillar carefully as it will define the final installation location of the pergola.

Use a leveler to measure against both of the inner sides to ensure that the corner pillar is straight and level.

Make sure this corner pillar does not move position during the remaining assembly steps.

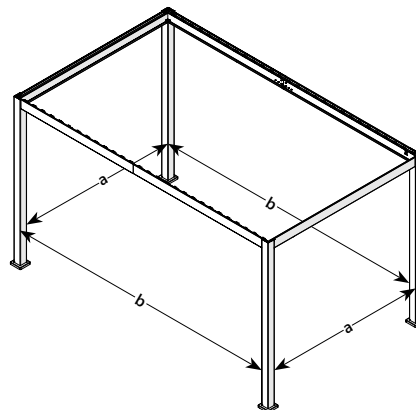


4B



Measure the distances between the adjacent corner pillars. Adjust accordingly and ensure the distances match those shown in the opposite figure.

a = 2.4 m / 7.9 ft
b = 4.1 m / 13.6 ft

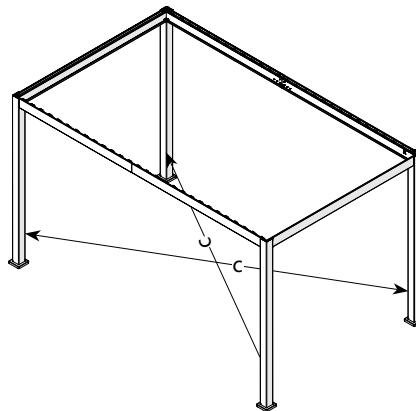




4C

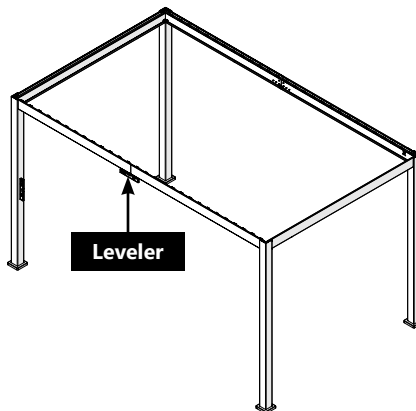
Measure the diagonal distance between the opposite corner pillars. Adjust the other corner pillars accordingly until both diagonal distances are equal. You may have to repeat the above steps after completing the remaining steps.

c = 4.8 m / 15.8 ft



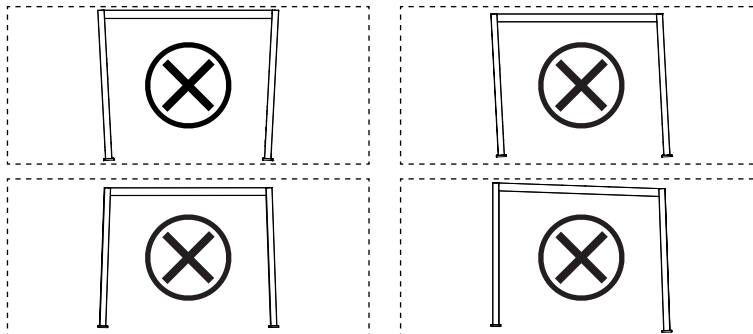
4D

Check that all corner pillars are straight and level using a leveler. If the corner pillars or beams are still not level, this means that your main building surface isn't sufficiently level, and that you will need to raise the corner pillars that are positioned lower than the others. (Contact qualified professional installers if needed.)



Warning:

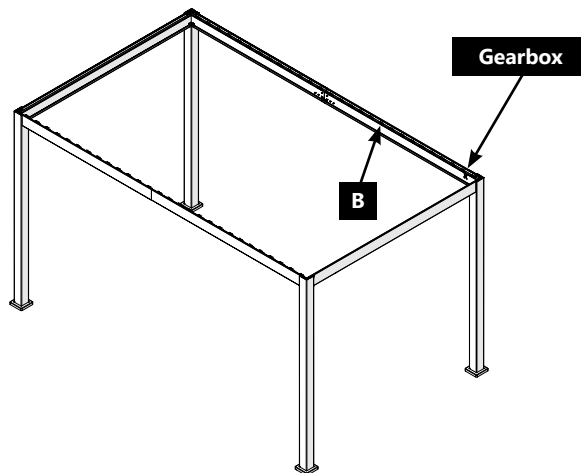
If you do not adjust the main structure at this point, you may encounter problems when fitting the roof deck and/or accessories to the frame.



5. Assemble crank

5A

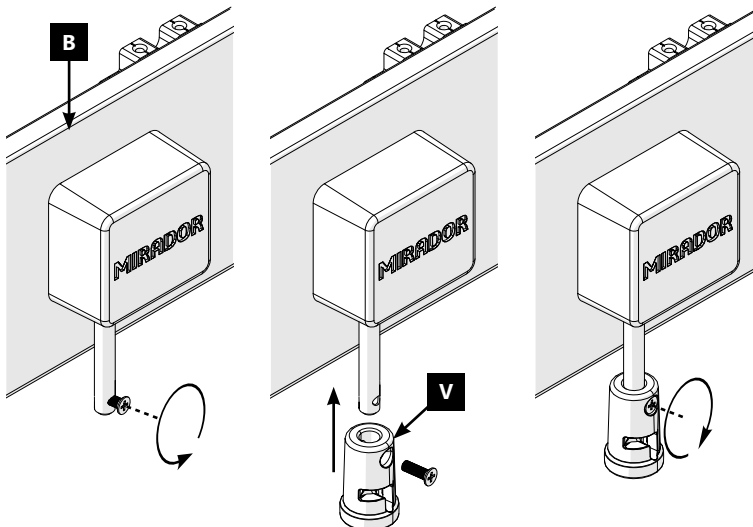
Locate the gearbox on the side beam with gearbox **B**.



5B

Unscrew and remove the small screw from the crank connector.

Insert the crank coupler **V** into the crank connector and re-insert and tighten the small screw.

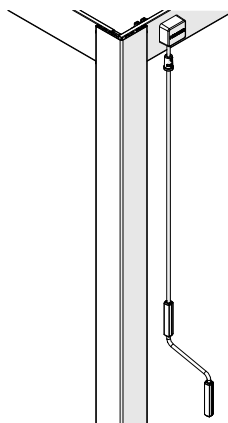
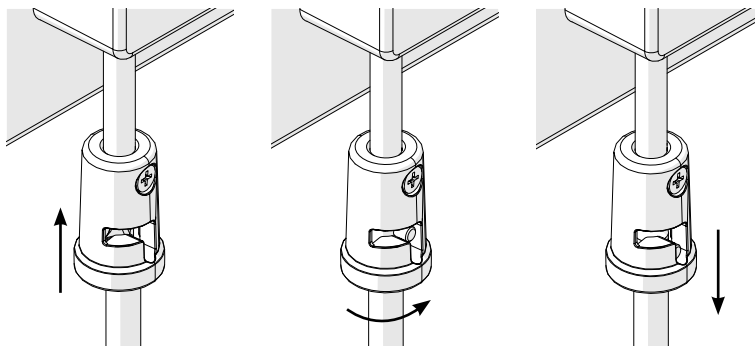
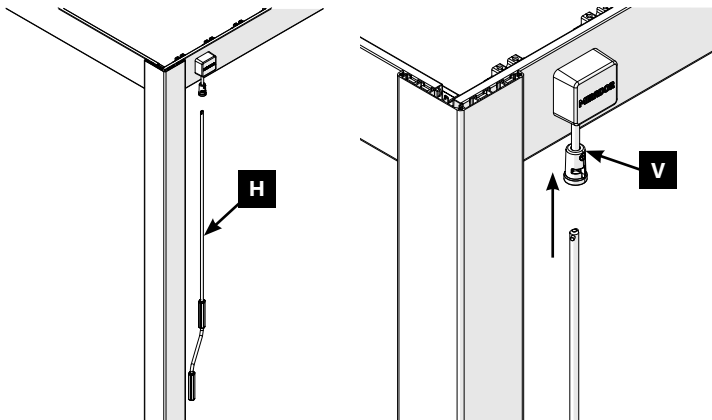


V x 1



5C

Insert the end of the crank **H** into the crank coupler **V**, and turn until the crank locks firmly in place.



H x 1



6. Assemble louvers & connecting strips



6A

Prepare the driving louver: select one of the louvers **D** to be the driving louver.

Attach the louver end cap with control arm **L** to one end of the driving louver, and attach a louver end cap **K** to the other end of the driving louver. Use 2 screws **Q** on each side.

Notice:

Do not over tighten or strip out the screws.

L x 1



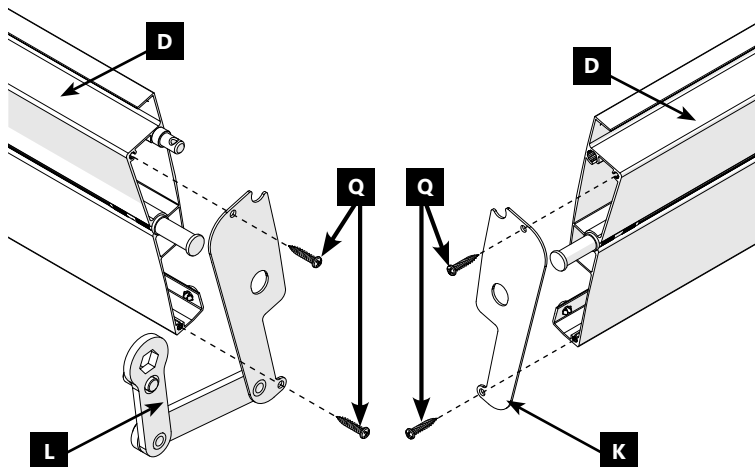
Q x 4



K x 1



D x 1



6B

Prepare the regular louvers: attach the louver end caps **K** to each end of the rest of the louvers **D** with 2 screws **Q**.

Repeat this step for all louvers.

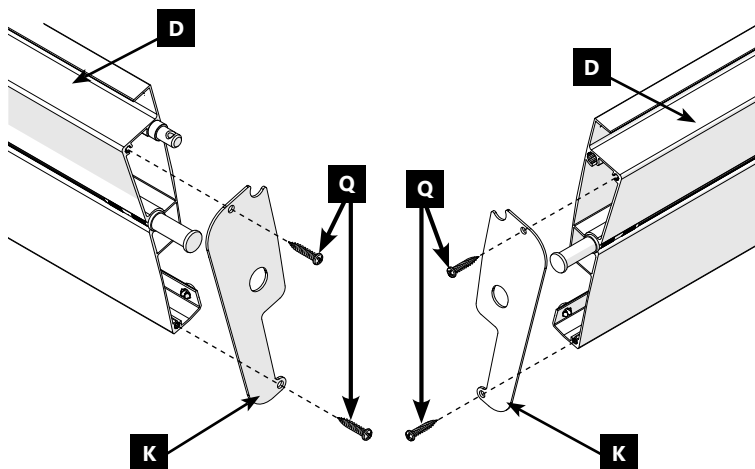
Q x 108



K x 54



D x 27



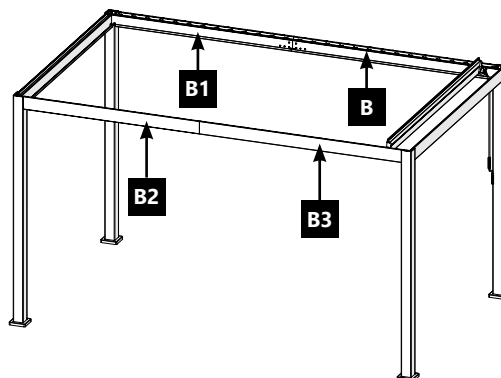
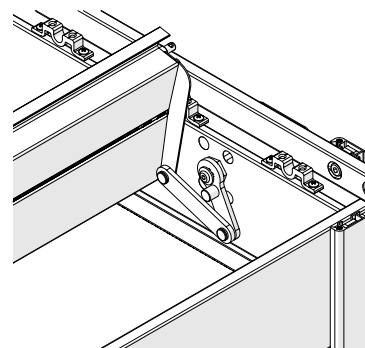
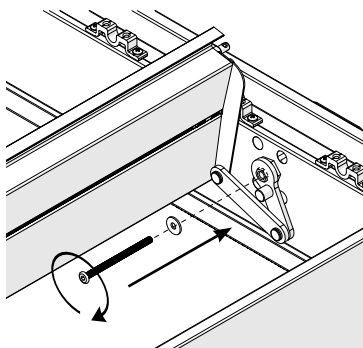
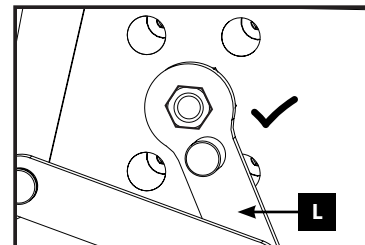
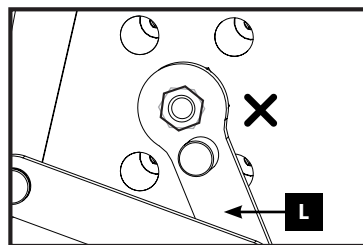
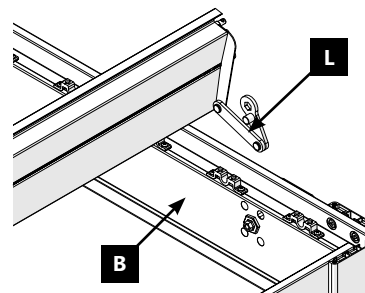
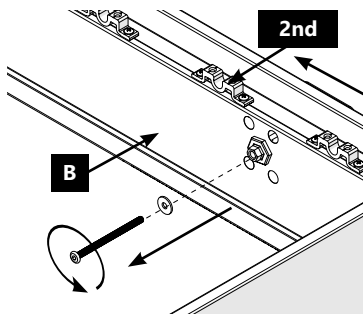
6C

Loosen the screw and washer already attached to the beam. Then fix the connecting rod **L** of the driving louver to the side beam with gearbox **B**, by firmly tightening the same screw and washer, using the hexagon socket key **X**.

Place the louvers **D** on the corresponding louver shaft support on both side beams (**B** & **B3**), with each louver overlapping the next, and **make sure that the driving louver is placed 2nd from the right**.

Notice:

Align the two hexagonal holes by adjusting the angle of the connecting rod **L** or rotating the crank **H**.



X x 1



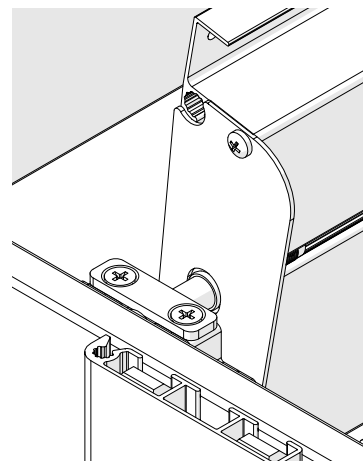
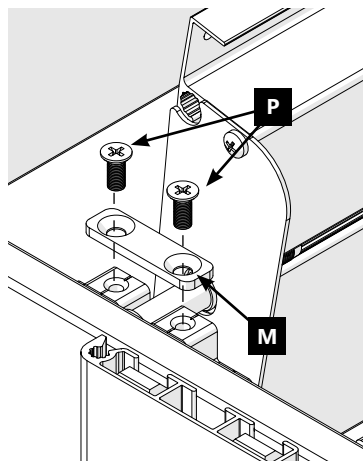
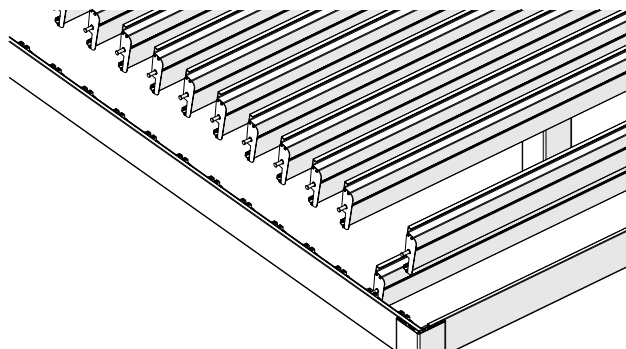
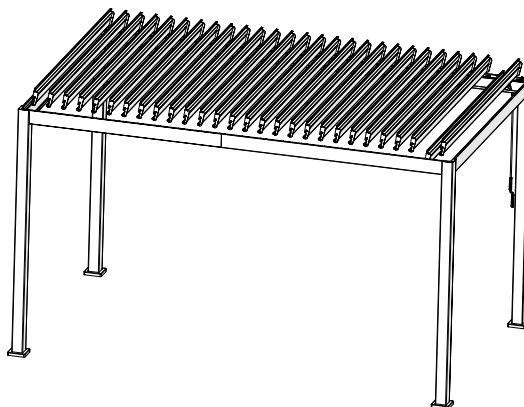


6D

Place the rest of the louvers into the remaining shaft support brackets.

Secure the louvers **D** in the shaft support brackets by fixing a shaft support cover **M** onto the shaft support brackets on both ends of each louver **D**. Use 2 screws **P** each and secure them.

Repeat this step for all louvers with each louver overlapping the next.



M x 56



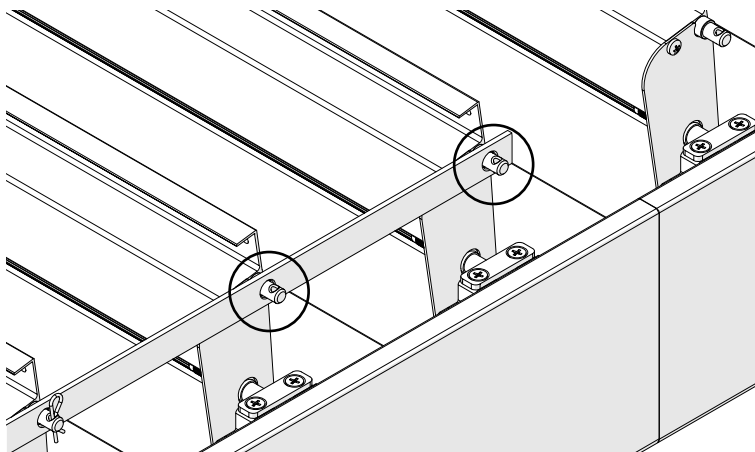
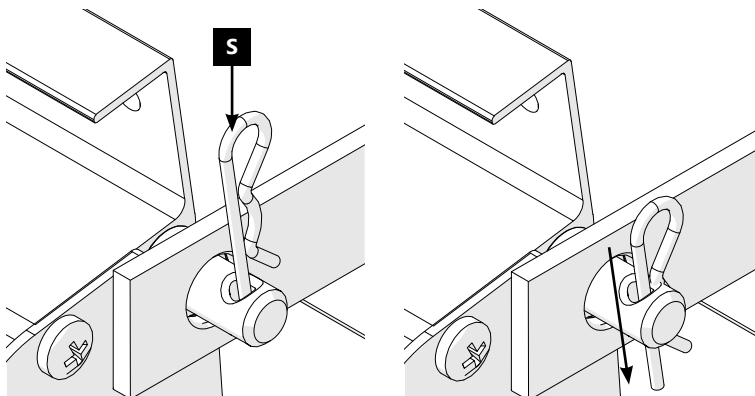
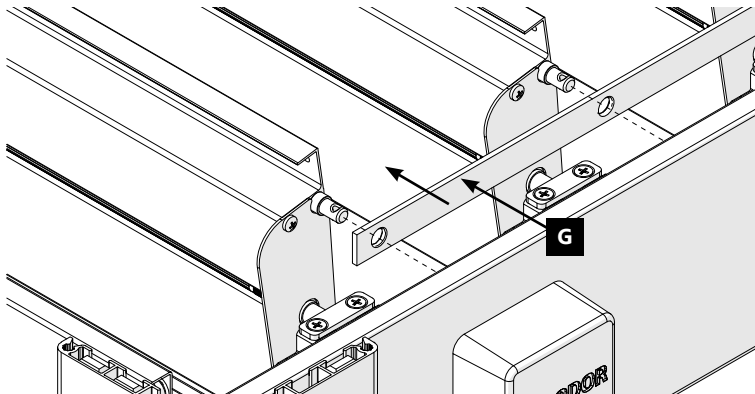
P x 112



6E

Take a connecting strip **G**. Attach it to each louver fitting each of the holes onto the corresponding bolts of the louvers.

Secure bolt with a cotter pin **S**, inserting it through the small bolt hole. Repeat this step for other cotter pins, leaving the last two unpinned.



S x 12



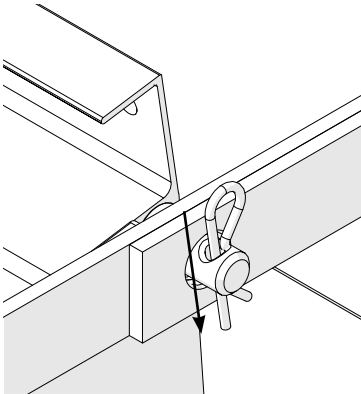
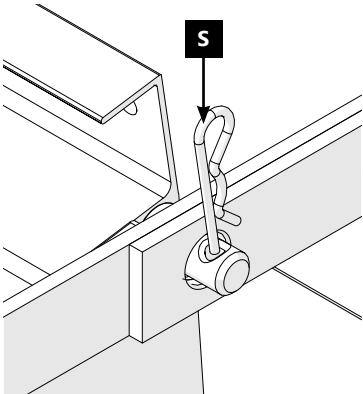
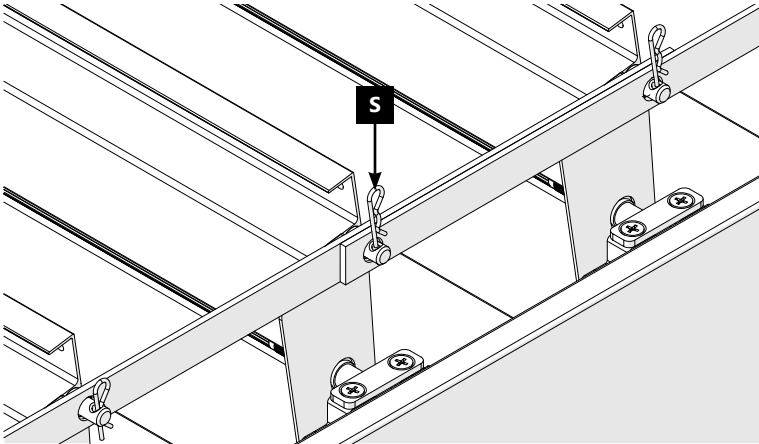
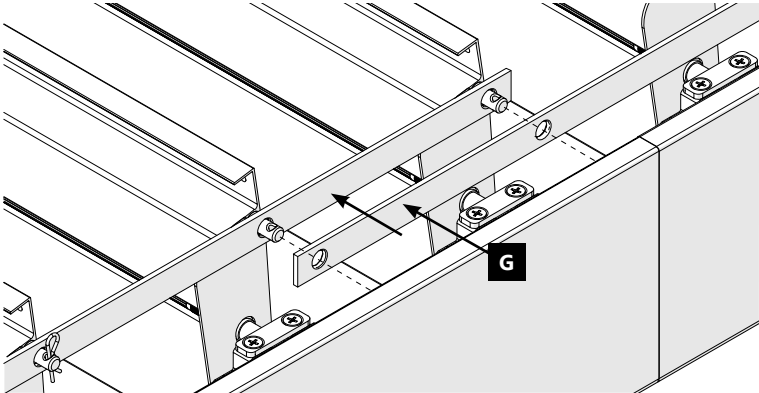
G x 1



6F

Take another connecting strip **G**, align its last two holes with those of the previous strip.

Secure every bolt with a cotter pin **S**, inserting it through the small bolt hole.
Repeat this step for all cotter pins.



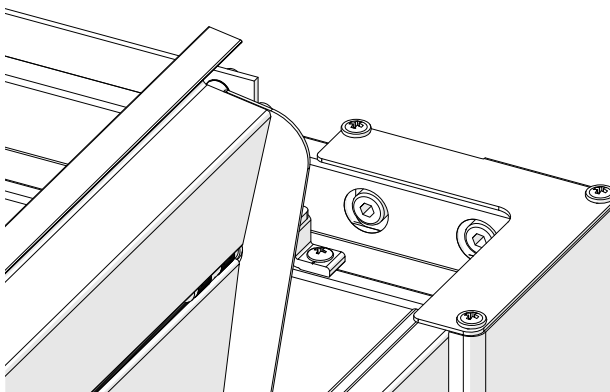
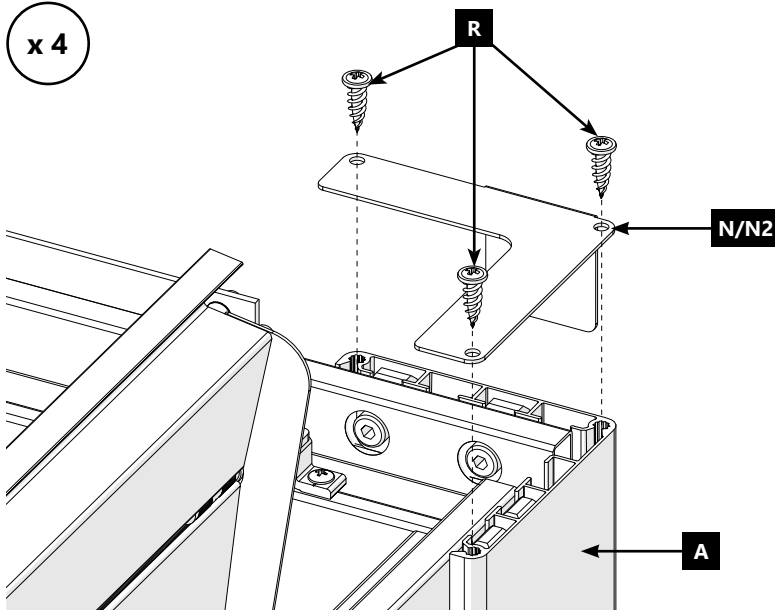
S x 16 

G x 1 

7. Secure corner pillar covers


7A

Fix a pillar cover **N/N2** to the top of each corner with 3 screws each **R**.

x 4

R x 12

N x 3

N2 x 1


8. Secure the corner pillars to the ground

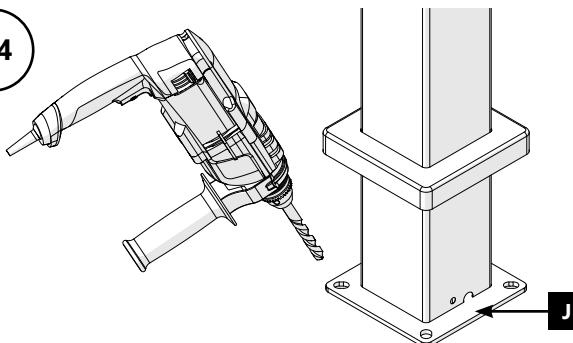
The pergola must be firmly and permanently secured to the ground. If the ground is not level or suitable, please refer to the section "Before assembling your pergola".

To ensure the correct installation of the subsequent fittings, check the frame alignment and pillar distance by repeating steps **4A** - **4D**.


8A

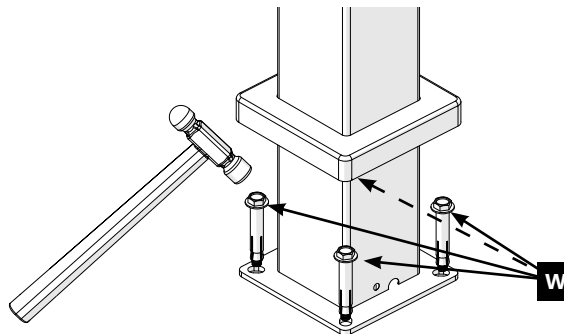
To fix the corner pillars **A** with the four foot plates **J**, drill through each hole with a hammer drill.

Z x 1

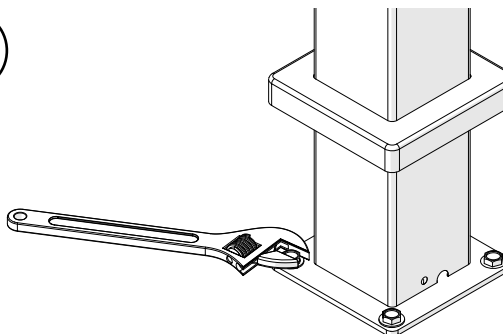
x 4

8B

Remove all the debris and dirt. Then firmly insert an anchor bolt **W** into each hole, using a hammer.

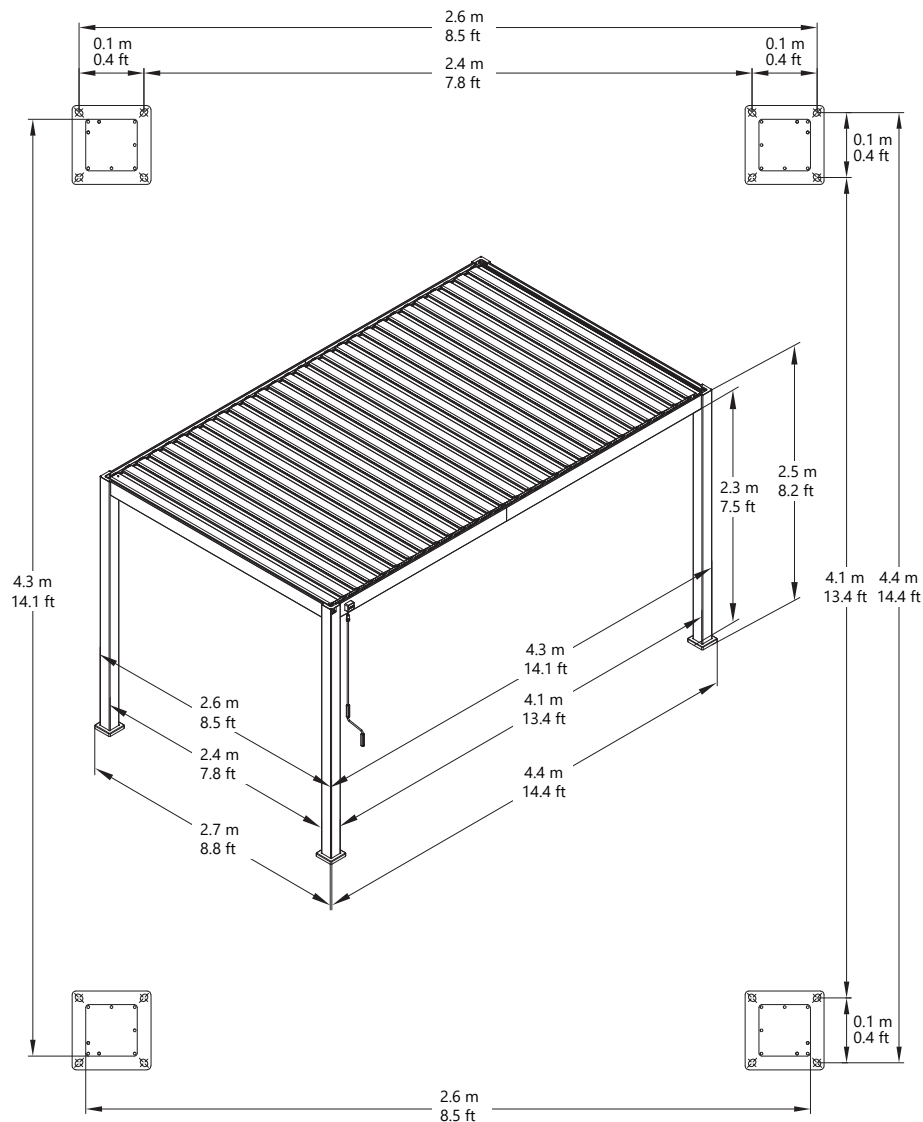
W x 16

x 4

8C

Tighten the hexagonal ends of each bolt with a spanner/wrench.

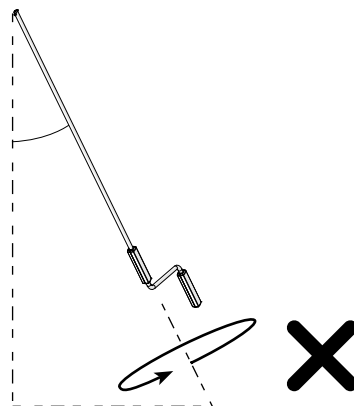
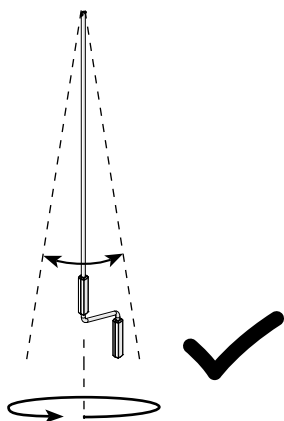
x 4


9. End of assembly

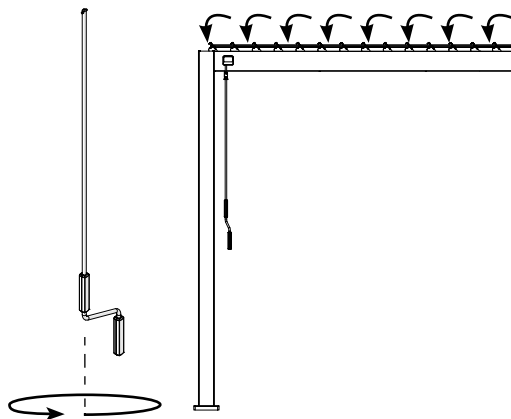
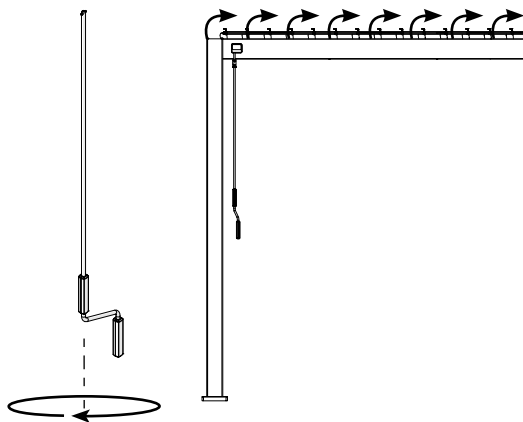


OPERATING YOUR PERGOLA

When opening/closing the louvers, please ensure the crank remains in a vertical position next to the pillar.
Do not move the crank too far away from the pillar.



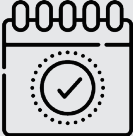
To open the louvers, turn the crank handle clockwise;
To close the louvers, turn the crank handle counter clockwise.



PROBLEM SOLVING, CARE & MAINTENANCE

Issue	Explanation or action to take
Abnormal noise occurs during the rotation of the louver(s).	Check if any of the louvers are deformed. If this is the case, replace them. If the louvers are not deformed but they are colliding with one another, replace the beam.
The flatness of the louver is damaged due to weather conditions.	Replace the affected louvers.
The drain is blocked by leaves or debris.	Clean the ducts and guttering of the pergola regularly.
Wind load resistance.	Class 6 (Claimed Beaufort Wind Force Scale 12).

GENERAL CARE & MAINTENANCE

Dust and dirt will collect on the pergola and will require periodic cleaning.	Use a water/detergent mixture and a soft clean cloth to clean the pergola.	Air dry or wipe with a soft clean cloth.	For more soiled areas, rinse the surface with clean water from top to bottom.
			
In coastal areas, it is recommended that you frequently spray the pergola with water to reduce accumulation of salt and dirt.	When the temperature is below 0°C/32°F , it is recommended to use the product less frequently to prolong the product's service life.	Do not use any petroleum based spray lubricant.	In most situations it should not be necessary to lubricate the moving components of the pergola. However, when squeaking occurs, using a silicone spray lubricant is recommended.
	 < 0°C / 32°F	 Petroleum based	 Silicone based

PERIODIC INSPECTION

- Check the pergola is fixed firmly to the ground.
- Check that the driving parts are sufficiently lubricated.
- Check the screws and rivet joints on the pergola.

WARRANTY & COMPLAINTS PROCEDURE

For terms and conditions of our limited warranty, please visit www.miradoroutdoor.com

Missing parts or damaged parts?

US & Canada:



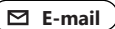
Phone

+1-800-867-9018

Operation hours: Monday - Friday: 6:30 am - 4:30 pm, Saturday – Sunday: 8:30 am – 4:30 pm, PST.

Language: English and Spanish

All Countries:



E-mail

support@miradoroutdoor.com

Operation hours: We are available 24 hours a day. Please allow up to 24 hours for a response.

Language: English, Spanish and Canadian French



Online

miradoroutdoor.com

Operation hours: Monday - Friday: 5:30 am - 2:00 pm, Saturday – Sunday: 8:30 am – 4:30 pm, PST.

Language: English, Spanish and Canadian French

Australia:

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

DISASSEMBLY & DISPOSAL OF THE PRODUCT

Incorrect disassembly of the pergola may lead to serious injury and product damage.

Disassembly should be assigned to qualified individuals with adequate occupational health and safety training.

When the service life of the pergola is over please recycle the components in compliance with the local regulations of your country and local requirements.



感謝您選購我們的 戶外遮陽亭！

本說明書將提供您清晰且詳盡的指導，教您如何安全且正確地組裝及維護您的涼亭，以確保其能為您帶來多年的使用與享受。

【重要注意事項，請妥善保存以備日後參考：請仔細閱讀】

警告：重要安全指示。為確保人員安全，務必遵循這些指示。請將本說明書妥善保管。

本產品可供 8 歲及以上兒童，以及身體感官或心智能力較弱，或缺乏相關經驗和知識的人士使用，前提是他們必須在安全的環境下接受過產品使用的監督或指導，並了解所涉及的危險。兒童不得玩耍本產品。清潔與日常維護不得由兒童在無成人監督的情況下進行。

預定用途

本涼亭預定用於戶外住宅環境中的家庭用途，用以保護使用者免受陽光直射、眩光和熱氣侵擾。任何未包含於本說明書中之使用方式或修改，均應視為不當使用，此舉可能對使用者及財產造成重大危險，並將使產品保固失效。

如需零件或客戶服務，在美國及加拿大請於太平洋時間週一至週五早上 6:30 至下午 4:30，週六至週日早上 8:30 至下午 4:30，撥打專線 **1-800-867-9018**（提供英語及西班牙語服務）。其他地區請寄電子郵件至：support@miradoroutdoor.com

您亦可參考我們官方網站 **www.miradoroutdoor.com** 上提供的數位版說明書。

目錄

- 組裝戶外遮陽亭前須知	35
- 重要安全注意事項	37
- 零件清單	39
- 組裝步驟	41
- 戶外遮陽亭操作指南	60
- 故障排除與保養維護	61
- 保固與申訴程序	63
- 產品拆卸與廢棄處理	64

組裝戶外遮陽亭前須知

警告：重要安全指示。請務必遵循所有指示，不正確的組裝可能導致嚴重傷害。

請確認您備齊所有組裝產品所需的工具：

為安全且正確地組裝您的產品，請確保您能取得以下工具及配件，所有工具皆未隨產品附贈。



安全帽



防護手套



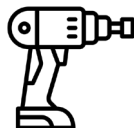
捲尺



水平尺



十字螺絲起子



無線電動起子機



六角扳手 / 扳手組



鋤鑽



鐵鎚



2 具 A 字梯

核對零件是否齊全：

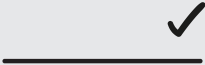
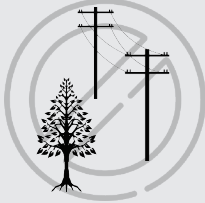
開始組裝前，請先確認您已備齊組裝戶外遮陽亭所需的所有零件，並仔細核對零件數量是否與您所購買的型號相符。

如有任何零件短缺，請於開始組裝前，參閱「**保固與申訴程序**」章節聯繫客服人員。

預先備妥各步驟所需零件：

在本手冊的「**組裝步驟**」章節中，每個步驟均標示了完成該步驟所需的零件及數量。我們建議您預先備妥每個組裝步驟所需的零件，此舉將為您節省組裝時間與精力。如有可能，請將零件放置在紙板或其他軟質表面上，以避免刮傷烤漆表面。

選擇合適的安裝地點：

地面應堅實平整	地面需保持水平	具備良好的排水系統	無樹枝或電線懸掛於上方
			
			

警告：

多數露台或庭院為防止（雨水）積聚或流入住宅及其他建築物，設計上會帶有輕微坡度。然而，為實現戶外遮陽亭的完美安裝，需要一個無坡度的水平水泥地面。此外，細小的碎石也可能阻礙戶外遮陽亭安全穩固地安裝於地面上。

若戶外遮陽亭安裝於不平整的地面，可能導致附加元件無法正常運作，並可能使產品保固失效。

準備地基：

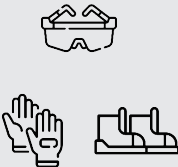
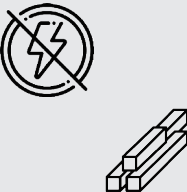
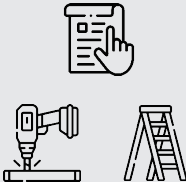
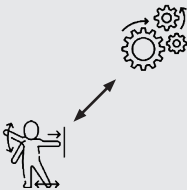
為準備地基，您需要：

- 檢查地下管線與電纜（若您居住於美國，挖掘前請先撥打 811 專線）
- 向當地主管機關確認是否需申請任何建築許可
- 若無現成水泥地基，請聯繫可靠的承包商進行施作

請勿在沙地、泥土地或鬆軟的土質上組裝戶外遮陽亭，因為地樁在此類土壤中無法提供足夠的錨定力。

重要安全注意事項

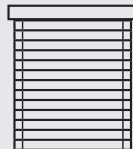
為確保所有組裝與使用戶外遮陽亭人員的安全，請務必遵循以下安全準則：

戶外遮陽亭必須安裝並固定於平坦水平的地面上。	進行作業時，請始終穿著合適的工作鞋、防護手套及護目鏡。	務必遠離輸電線路作業，尤其在搬運金屬部件時。	若使用電動工具或梯具，請始終遵守工具製造商的安全規範。	確保戶外遮陽亭符合當地建築法規標準。
				
高空作業具有危險性，請始終穿著防護裝備以防墜落意外。	僅使用具備足夠承重能力的梯具與施工架。	避免讓衣物及身體部位過於靠近戶外遮陽亭，以防被活動部件夾傷。	應定期清除戶外遮陽亭頂及導軌上的樹葉與異物，防止對戶外遮陽亭造成損壞。	僅使用經製造商認可的替換零件。
				

遇降雪或強風時，請將百葉片調整至垂直位置，以免受損。



安裝非 Mirador 原廠配件將導致產品保固失效，並可能損壞操作機構。



Mirador®

長期使用後，建議您檢查所有配件是否已牢固鎖緊。



請盡可能回收利用包裝材料。



請勿在疲勞或飲酒後嘗試組裝本產品。



請妥善處理所有塑膠袋，並放置於兒童無法觸及之處。



組裝作業完成前，請讓兒童與寵物遠離工作區域。



請勿在大風或潮濕環境下組裝戶外遮陽亭。



請勿攀爬至戶外遮陽亭頂上。



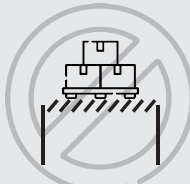
每次操作前，請目視檢查戶外遮陽亭是否有損壞。若發現任何損壞，請立即停止使用並聯繫授權人員進行維修。



操作期間，請勿觸碰任何活動部件。



請勿在戶外遮陽亭頂放置任何物品。



嚴禁在戶外遮陽亭上懸掛物品，此舉可能導致嚴重損壞。



未經製造商或授權代表同意，不得擅自更改設備的設計或配置。



若戶外遮陽亭頂有結霜或結冰情況，請勿啟動開闔機構，以免損壞百葉片的驅動裝置。

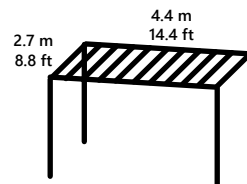


零件清單

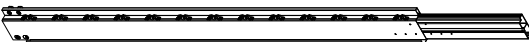
請仔細核對零件數量是否與您所購買的型號相符。

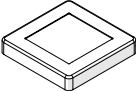
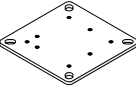
請注意，隨附的錨栓可能不適用於您選擇的安裝地點，進行組裝前請務必先行確認。

請勿使用衝擊式電動起子進行組裝。請使用標準電動起子並設定於基本扭力模式，所有螺絲孔位均已預先鑽好或配置完成。



* 內含額外備用零件

編號	零件名稱	數量
A	 角柱	4 個
B	 含變速箱側樑	1 個
B1	 無變速箱側樑	1 個
B2	 無變速箱側樑 1	1 個
B3	 無變速箱側樑 2	1 個
C	 端樑	2 個
D	 百葉片	28 個
G	 連接條	2 個
H	 曲柄搖手	1 個

編號		零件名稱	數量	編號		零件名稱	數量
I		腳墊罩	4 個	R		自攻螺絲 ST5.5 x 19 mm	20+4* 個
J		腳墊	4 個	S		開口銷	28+4* 個
K		百葉片端蓋	55+2* 個	U3		U 型槽	2 個
L		含連動桿百葉片端蓋	1 個	V		曲柄聯軸器	1 個
M		軸承支撐蓋	56+2* 個	W		錨栓 M8 x 80 mm	16 個
N		角柱蓋	3 個	X		S4 六角扳手	1 個
N2		角柱蓋 (含商標)	1 個	Y		S6 六角扳手	2 個
O		自攻螺絲 ST5.65 x 45 mm	24+2* 個	Z		12 mm SDS Plus 鑽頭	1 個
P		自攻螺絲 M5 x 12 mm	112+6* 個	Z3		矽利康密封膠	1 個
Q		自攻螺絲 ST4.2 x 25 mm	112+6* 個	Z10		備用塑膠插銷	0+10* 個

組裝步驟

1. 安裝角柱



組裝影片

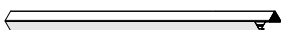
1A

將腳墊罩 **I** 以其寬開口面向外的方向，滑入角柱 **A** 的平整端。

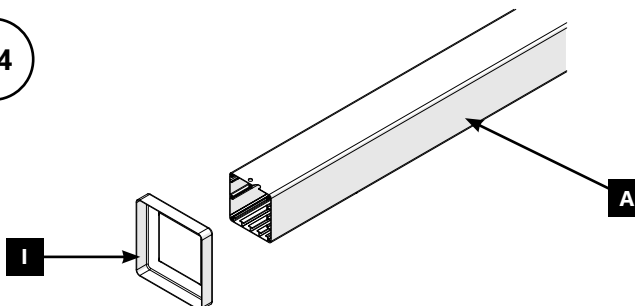
I x 4



A x 4



x 4



1B



將腳墊 **J** 對準角柱 **A** 的平整端推入。它僅能從一個方向並在一個位置上安裝。如有疑問，請旋轉它直到輕鬆吻合為止。

使用 6 顆螺絲 **O** 將腳墊 **J** 鎖緊。

O x 24

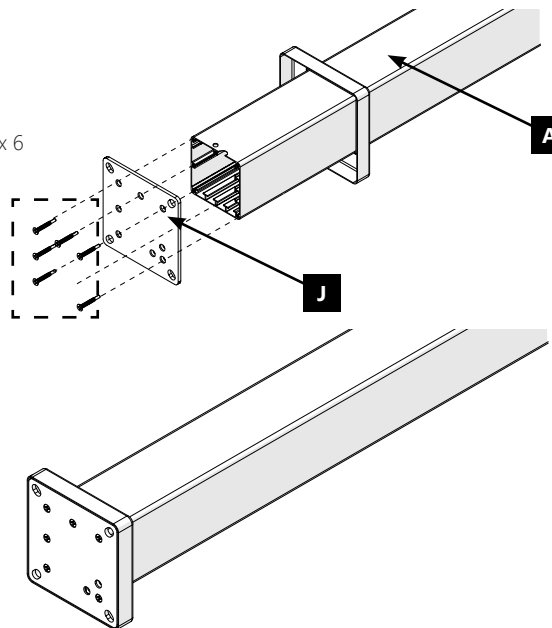


J x 4



x 4

O x 6



2. 將側樑連接至角柱

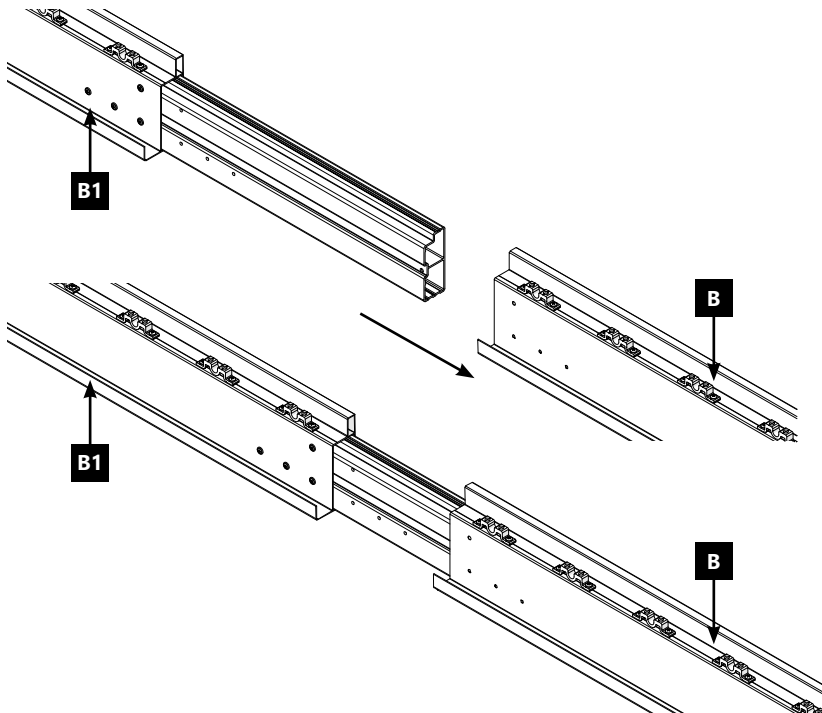
2A

在平坦的水平面上，將側樑 **B1** 的末端滑入側樑 **B**，直到末端零件完全嵌入不可見。**B** 與 **B1** 之間的接縫應平整無角度。

B x 1



B1 x 1



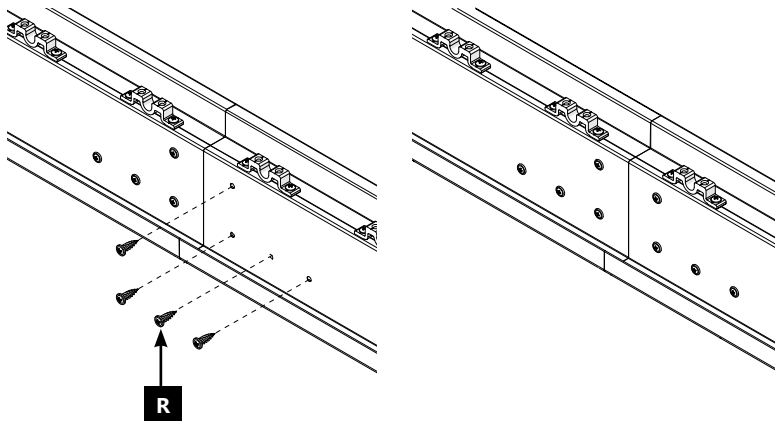
2B



使用螺絲 **R** 固定兩根側樑。

注意：
請勿過度鎖緊或導致螺絲滑牙。

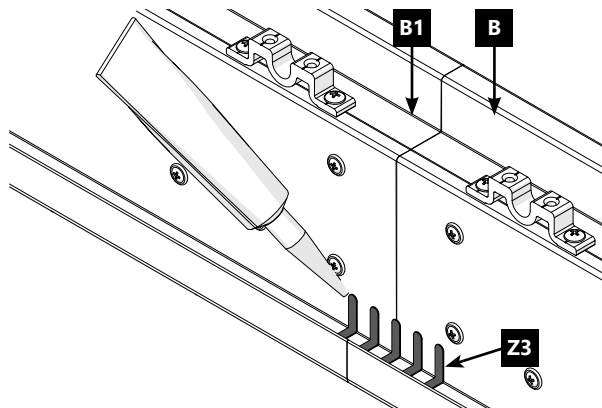
R x 4



2C

沿著側樑接縫處在 U 型槽 **U3** 的輪廓線內塗上矽利康密封膠 **Z3**。

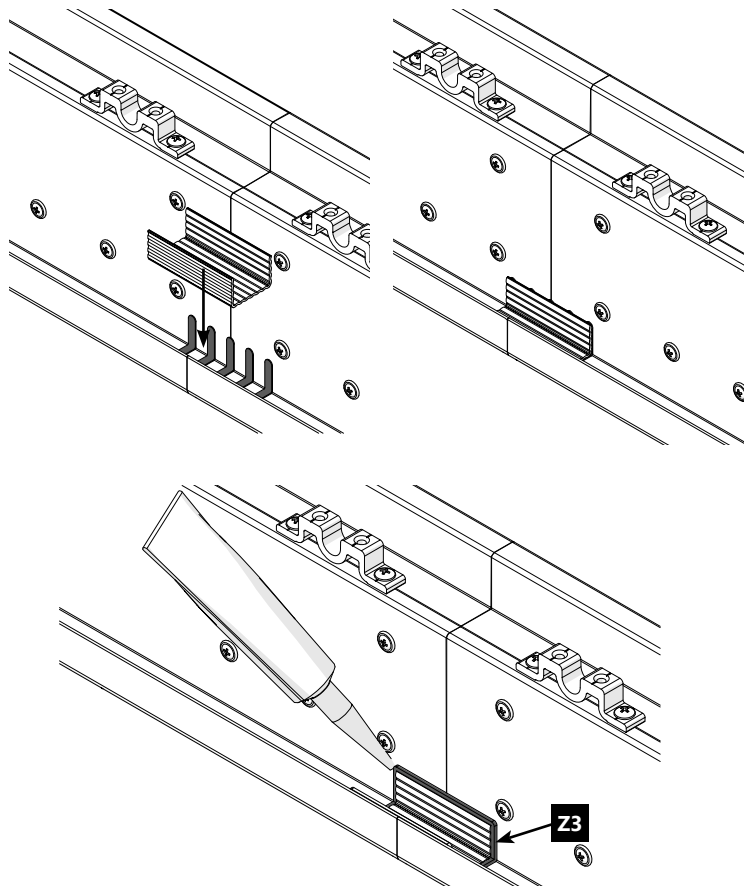
Z3 x 1



2D

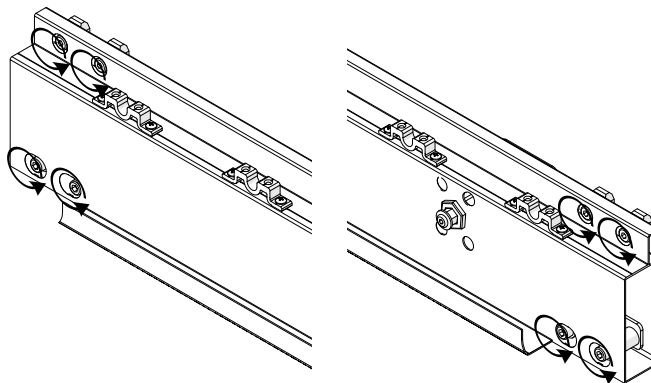
將 U 型槽 **U3** 安裝到側樑的接縫上，接著在其邊緣周圍塗上矽利康密封膠 **Z3** 加以固定。

U3 x 1



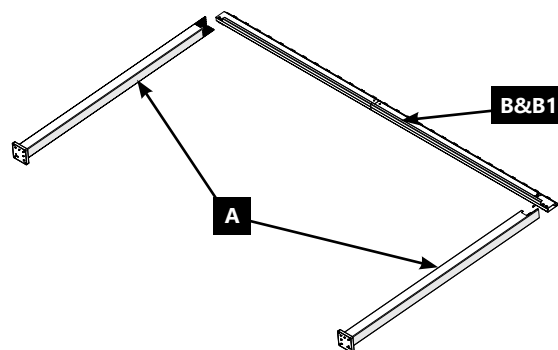
2E

使用六角扳手 **Y**，稍微鬆開側樑 **B** 與 **B1** 兩端內建的 8 顆螺絲（每側 4 顆）。

Y x 1**B** x 1**B1** x 1

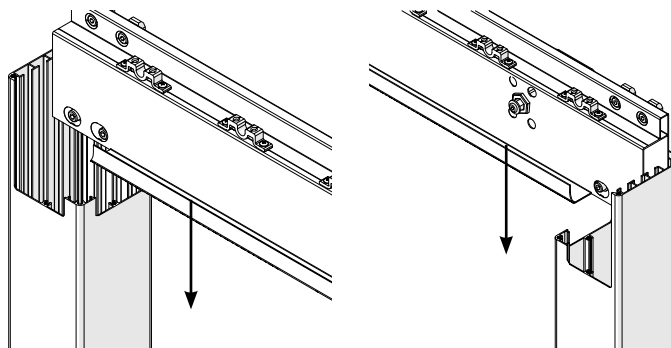
2F

如圖所示，將兩根角柱 **A** 和側樑 **B** 與 **B1** 放置在地上。

A x 2

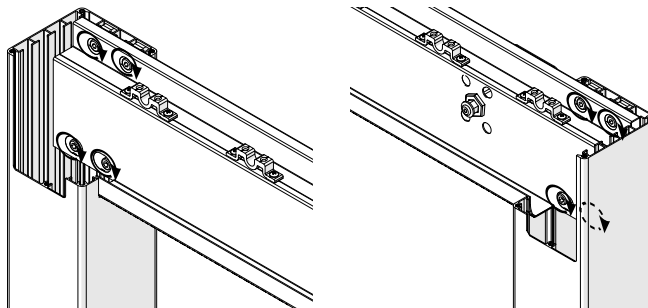
2G

將側樑 **B** 與 **B1** 滑入角柱 **A** 的溝槽中，使側樑的 T 槽螺母與角柱的 T 槽螺母相互扣連。



2H

使用六角扳手 **Y** 鎖緊螺絲。



Y x 1



2I

重複步驟 **2A** - **2H**，將無變速箱側樑 **B2** 和 **B3** 與剩餘的兩根角柱 **A** 連接起來。

R x 4



Y x 1



U3 x 1



Z3 x 1



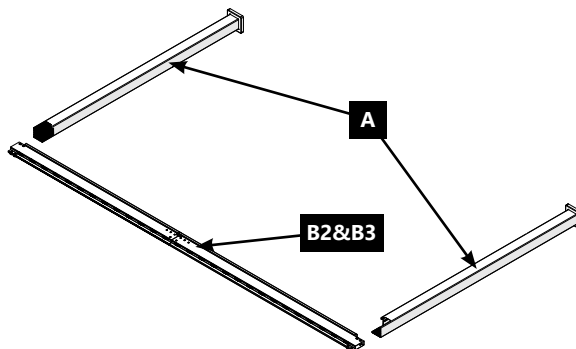
B2 x 1



B3 x 1



A x 2



3. 組裝端樑

此階段需要 4 人及至少 2 具 A 字梯。請確保梯子穩固放置以避免墜落。

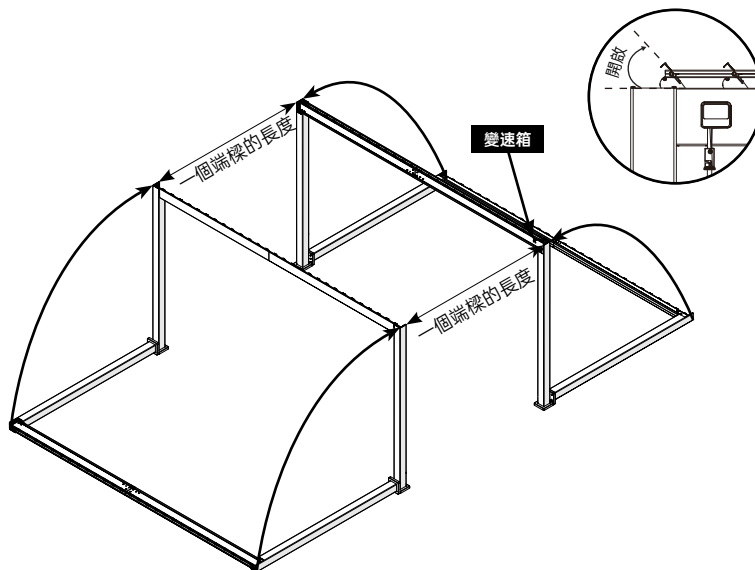
僅使用適用於此類組裝工作的梯子。



3A

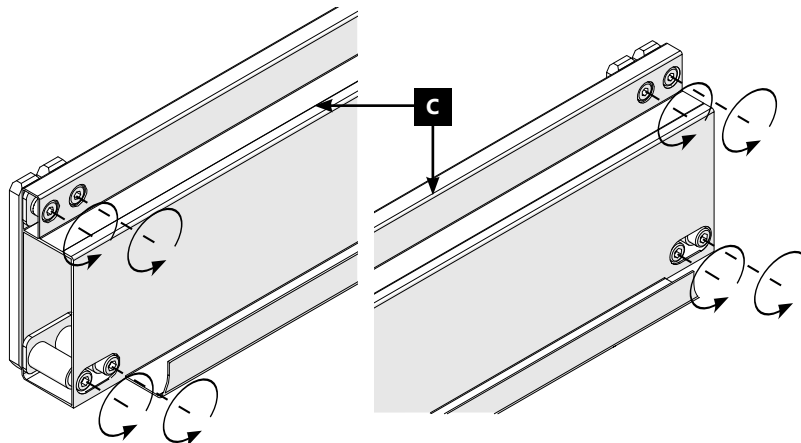
將**步驟 2** 中組裝好的兩個結構體直立起來，並將其以一端樑長度的距離彼此分開放置。確保每根角柱 **A** 都有一人扶著，以防止結構體傾倒。

注意：
在決定產品的安裝方向時，請同時考慮百葉片的開啟方向以及所需的遮陽效果。



3B

稍微鬆開端樑 **C** 兩端內建的 8 顆螺絲。



Y x 1

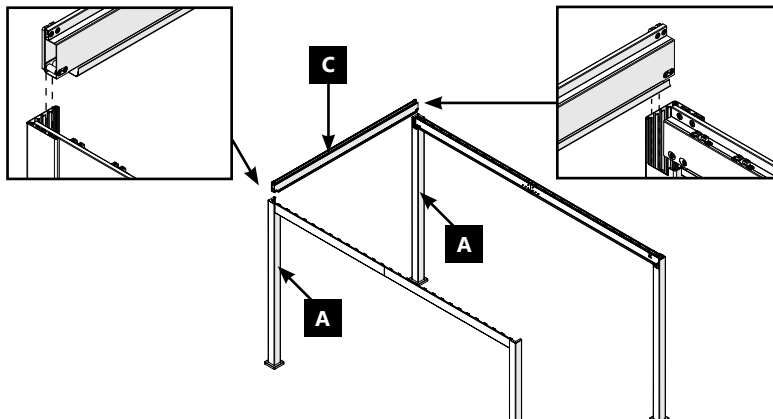


C x 1



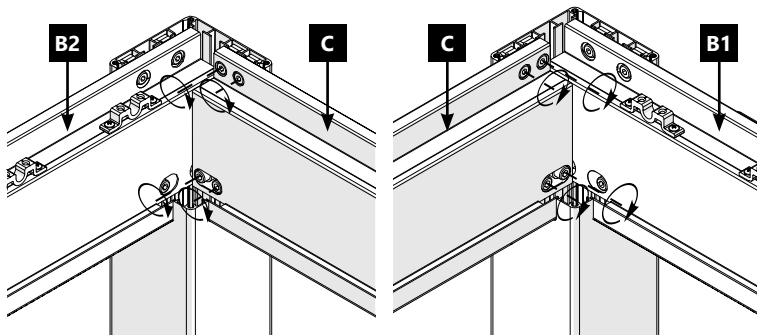
3C

將端樑 **C** 的 T 槽螺母從上方滑入角柱 **A** 的溝槽中。



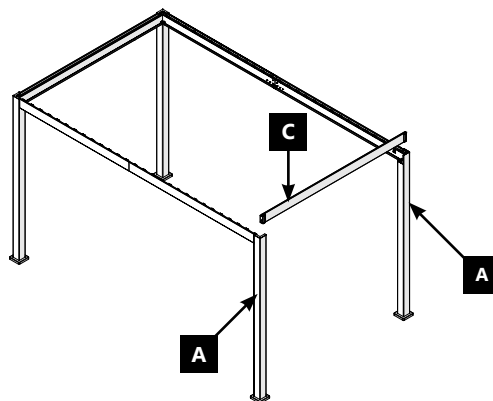
3D

當樑定位正確後，使用隨附的六角扳手 **Y** 鎖緊兩端的 8 顆內建螺絲。



3E

重複步驟 **3B** - **3D** 以組裝另一端的端樑 **C**。



4. 檢查框架的對齊度與角柱間的距離

您現在幾乎已完成戶外遮陽亭主框架的組裝。請再次檢查以確保所有樑和柱均已正確組裝和安裝。在此步驟中，您可能需要鬆開某些螺栓。

您還需要捲尺和水平尺來完成此步驟。

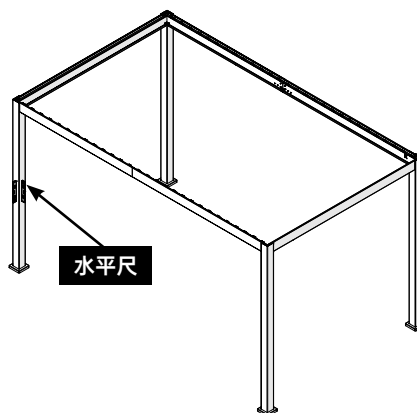
4A



選擇其中一根角柱 **A**，並從此柱開始作業。請仔細選擇此柱，因為它將決定戶外遮陽亭的最終安裝位置。

使用水平尺測量角柱的兩個內側面，確保角柱是垂直且水平的。

確保在後續的組裝步驟中，此角柱不會移動位置。

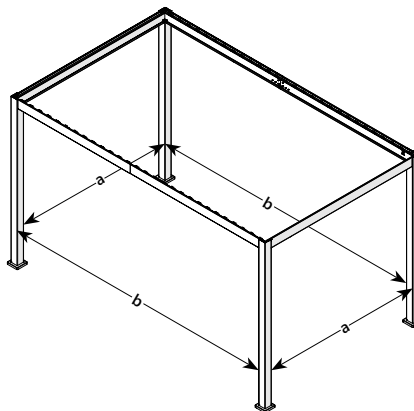


4B



測量相鄰角柱之間的距離。進行相應調整，並確保距離與對面圖示相符。

a = 2.4 公尺 / 7.9 英呎
b = 4.1 公尺 / 13.6 英呎

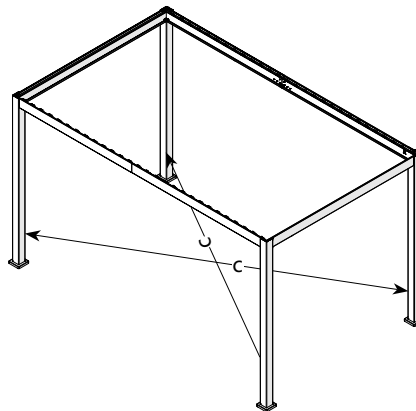




4C

測量對角角柱之間的對角距離。相應地調整其他角柱，直到兩個對角距離相等。在完成剩餘步驟後，您可能需要重複上述步驟。

c = 4.8 公尺 / 15.8 英尺



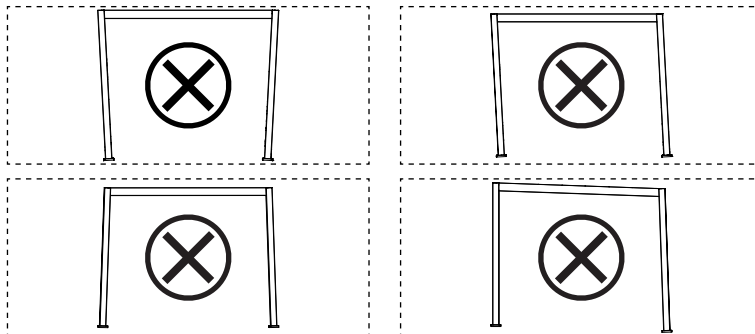
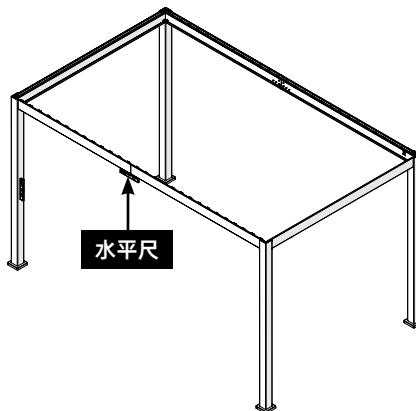
4D



使用水平尺檢查所有角柱是否垂直且水平。如果角柱或樑仍然不水平，這表示您的主要建築表面不夠水平，您需要墊高位置較低的角柱。（如有需要，請聯繫合格的專業安裝人員。）

警告：

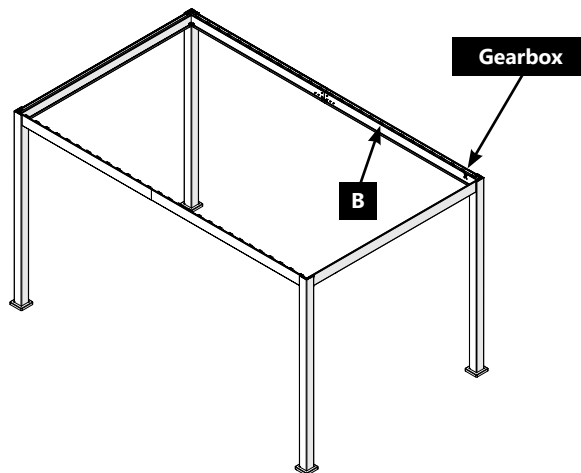
如果您此時不調整主結構，在安裝戶外遮陽亭頂和配件到框架上時可能會遇到問題。



5. 組裝曲柄搖手

5A

找到含變速箱側樑 **B** 上的變速箱。

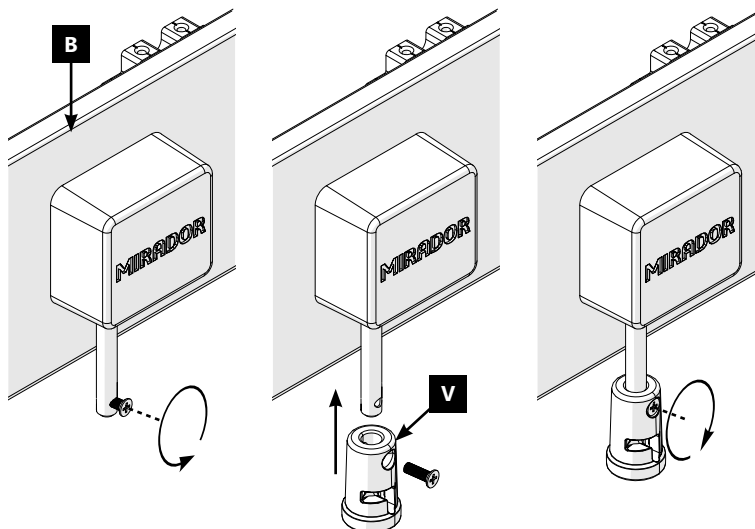


5B



鬆開並取下曲柄連接器 **V** 上的小螺絲。

將曲柄聯軸器插入曲柄連接器中，然後重新插入並鎖緊小螺絲。

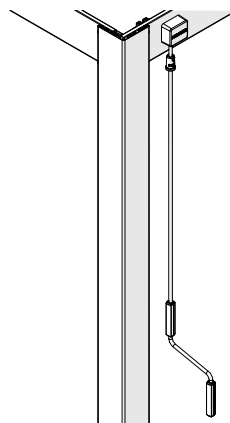
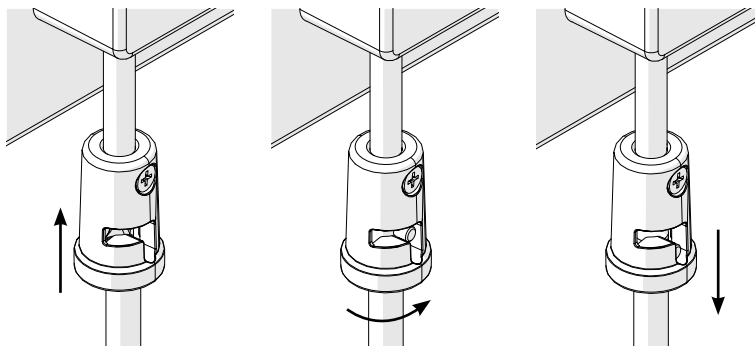
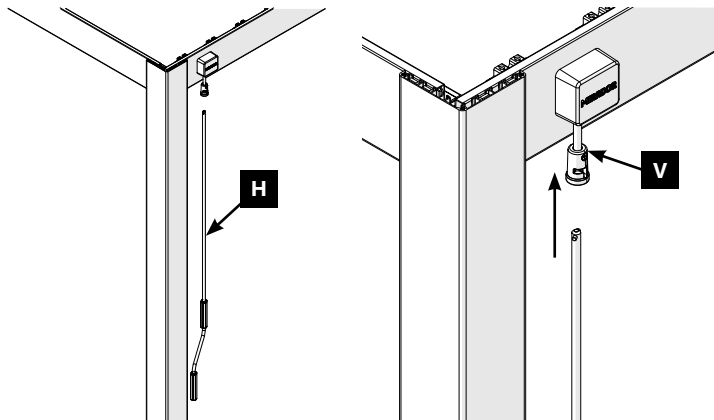


V x 1



5C

將曲柄搖手 **H** 的末端插入曲柄聯軸器 **V** 中，然後轉動直到曲柄穩固地鎖定位。



H x 1



6. 組裝百葉片與連接條



6A

準備驅動百葉片：選擇其中一片百葉片 **D** 作為驅動百葉片。

將含連動桿百葉片端蓋 **L** 安裝到驅動百葉片的一端，並將一個百葉片端蓋 **K** 安裝到驅動百葉片的另一端。每側使用 2 顆螺絲 **Q** 固定。

注意：

請勿過度鎖緊或導致螺絲滑牙。

L x 1



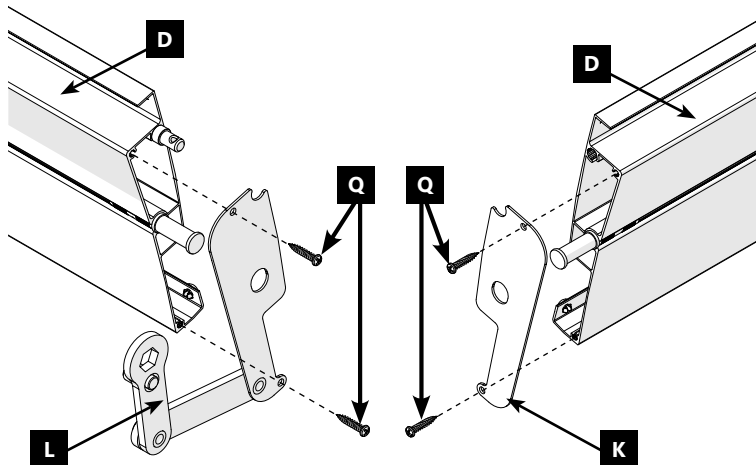
Q x 4



K x 1



D x 1



6B

準備普通百葉片：將百葉片端蓋 **K** 用 2 顆螺絲 **Q** 安裝到其餘每片百葉片 **D** 的兩端。

為所有百葉片重複此步驟。

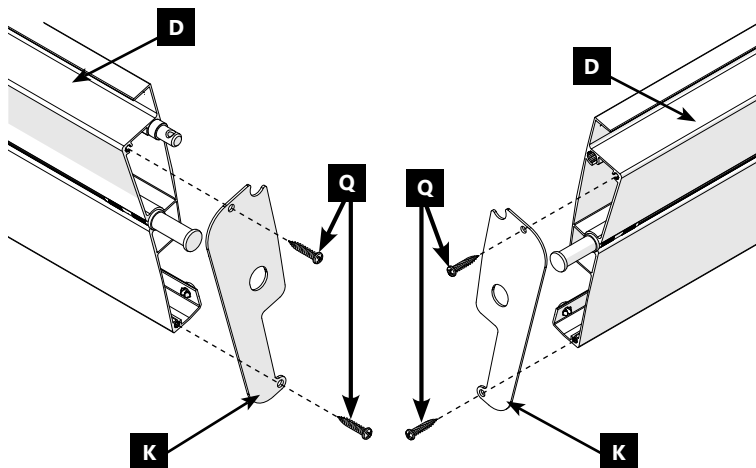
Q x 108



K x 54



D x 27



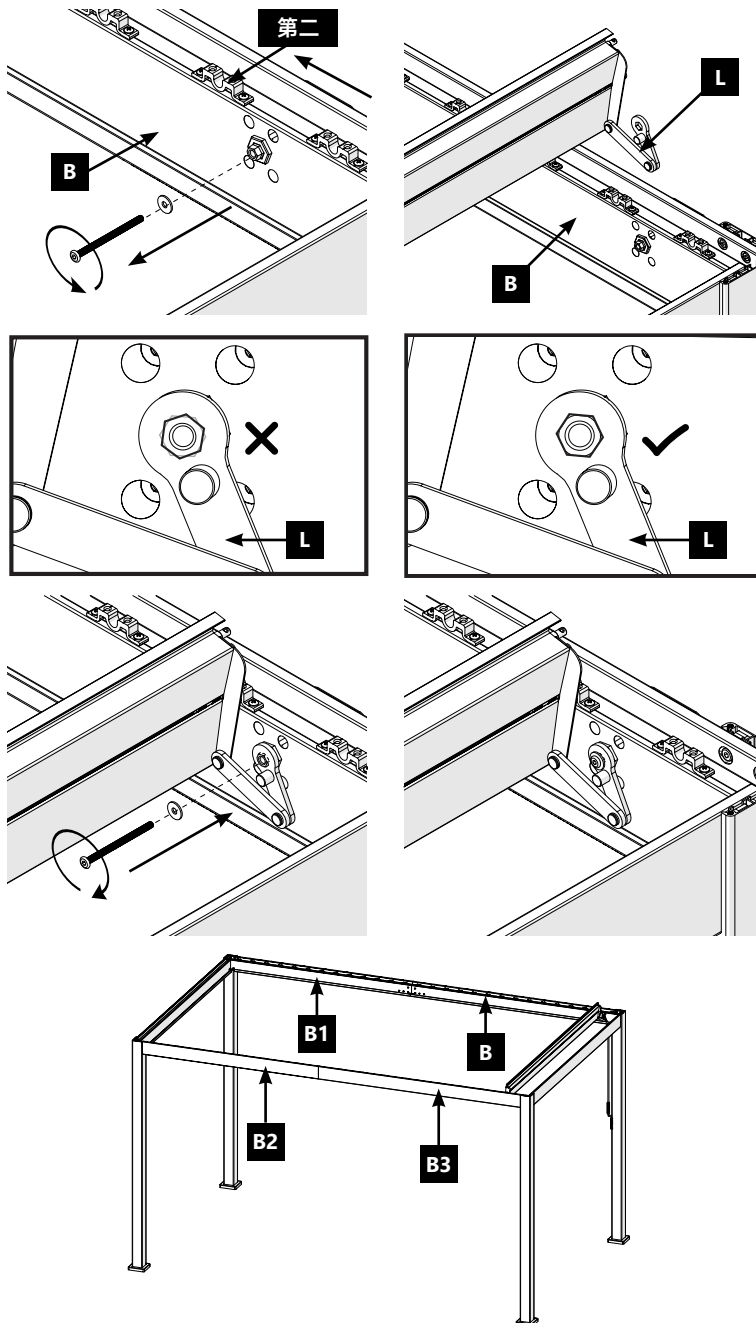
6C

鬆開已預裝在樑上的螺絲和墊片。然後，使用六角扳手 **X**，鎖緊同一顆螺絲和墊片，將驅動百葉片的連動桿 **L** 牢固地固定在含變速箱側樑 **B** 上。

將百葉片 **D** 放置到兩側樑（**B** 與 **B3**）上對應的百葉片軸承支撐座上，每片百葉片與下一片重疊，並確保驅動百葉片是從右邊數來的第 2 片。

注意：

透過調整連動桿 **L** 的角度或旋轉曲柄搖手 **H**，對齊兩個六角形孔。

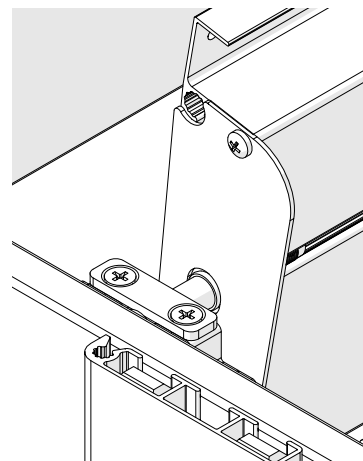
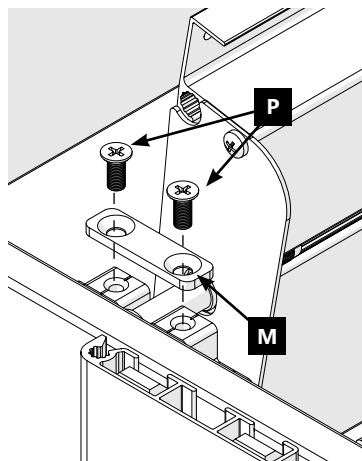
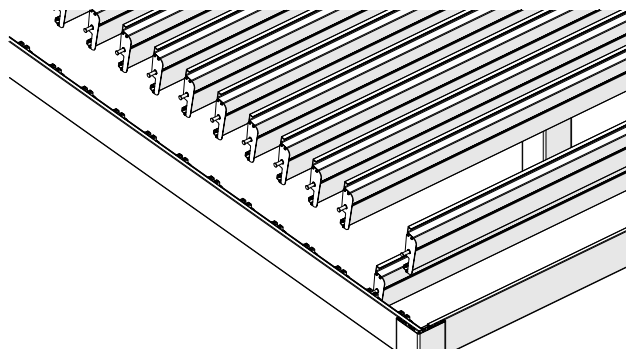
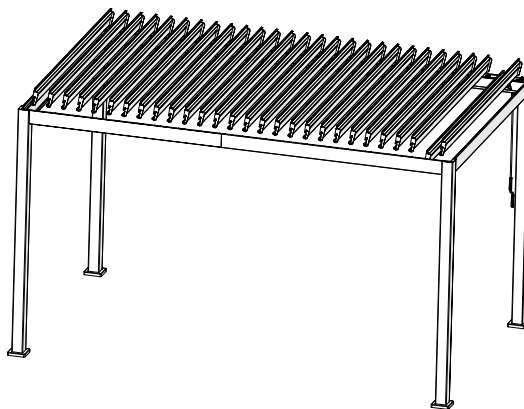




6D

將其餘的百葉片 **D** 放入剩下的軸承支撐座 **M** 中。透過在每個百葉片兩端的軸承支撐座上安裝一個軸承支撐蓋，來固定百葉片 **D**。每個蓋使用兩顆螺絲 **P** 鎖緊。

為所有百葉片重複此步驟，每片百葉片與下一片重疊。

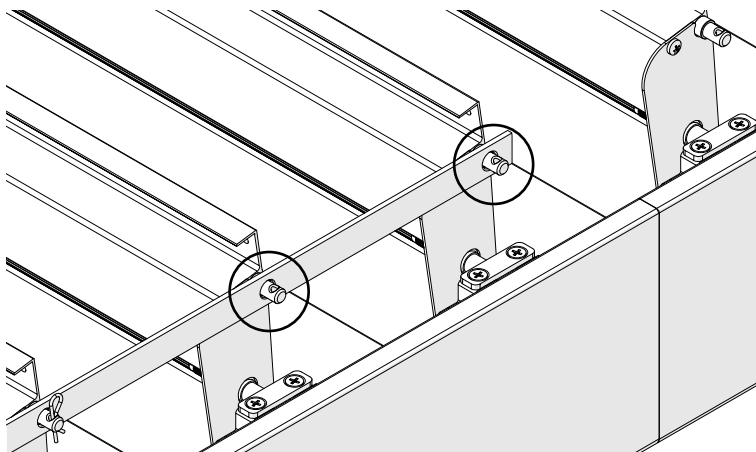
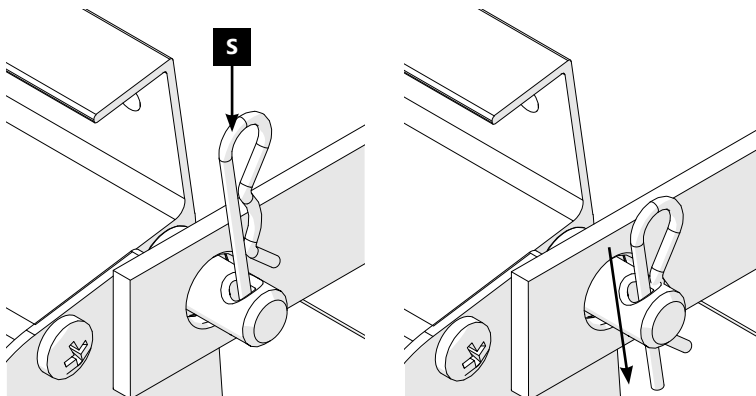
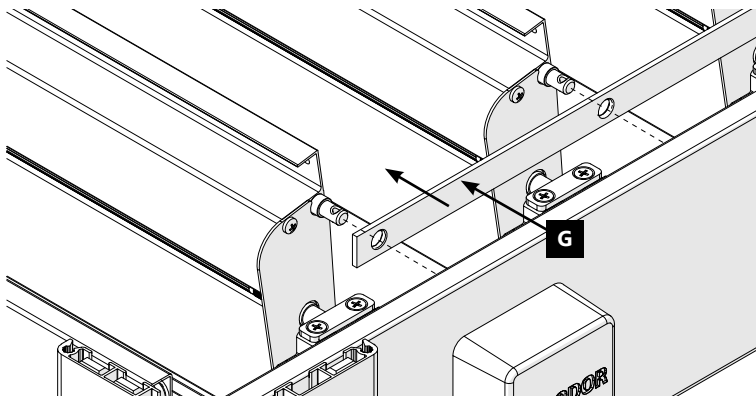

M x 56

P x 112


6E

取一片連接條 **G**，將其安裝到每片百葉片上，把條上的每個孔位對準百葉片上對應的螺栓。

將開口銷 **S** 插入螺栓的小孔中，以固定螺栓。為其他螺栓重複此步驟，但最後兩個螺栓暫不安裝開口銷。



S x 12

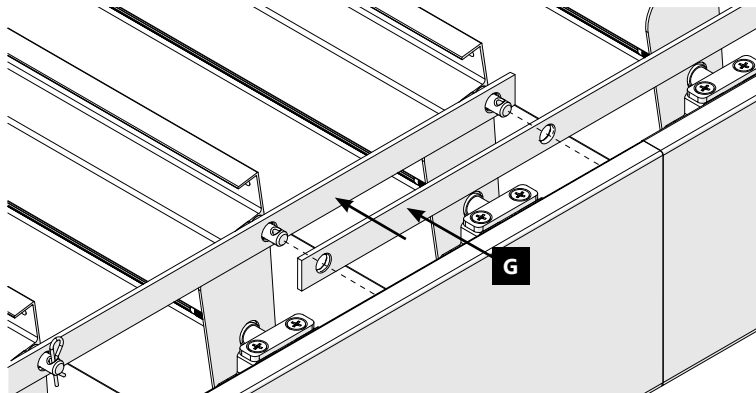


G x 1

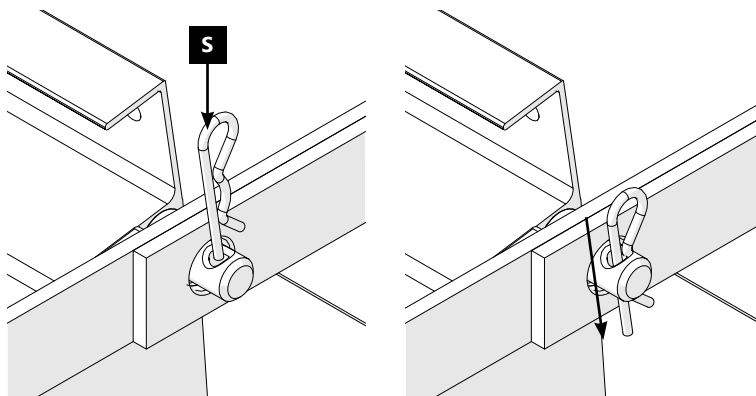
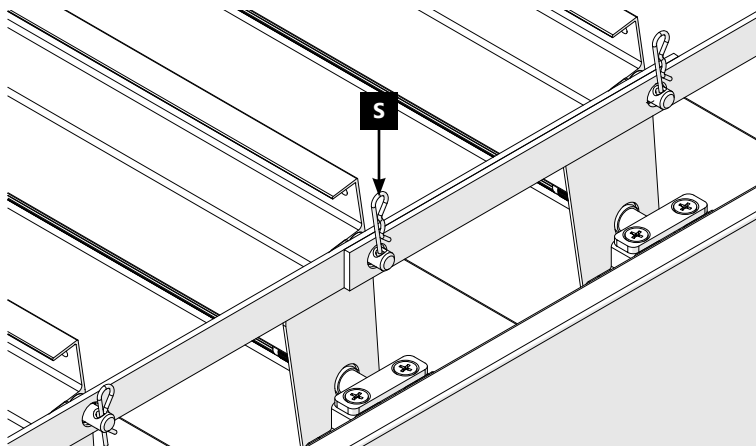


6F

取另一片連接條 **G**，將其最後兩個孔位與前一片連接條的孔位對齊。



將開口銷 **S** 插入每個螺栓的小孔中，以固定所有螺栓。為所有開口銷重複此步驟。



S x 16



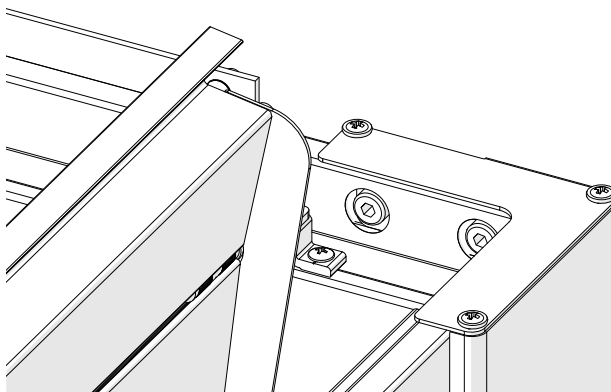
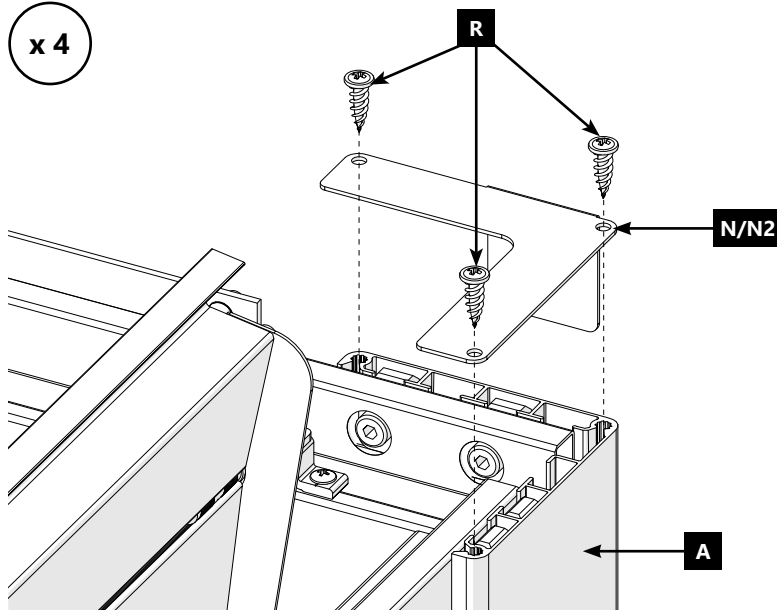
G x 1



7. 安裝角柱蓋


7A

使用 3 顆螺絲 **R** 將柱蓋 **N/N2**
固定到每個角柱 **A** 的頂部。

x 4

R x 12

N x 3

N2 x 1


8. 將角柱固定於地面

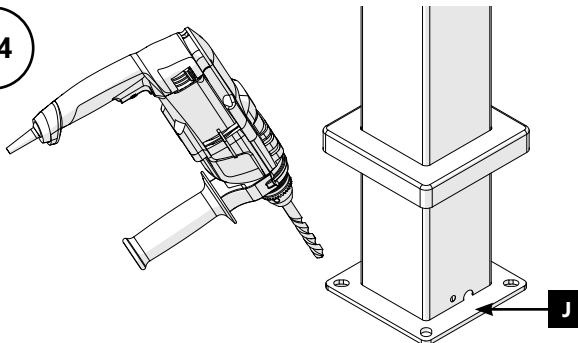
戶外遮陽亭必須牢固且永久地固定於地面。如果地面不平或不適合，請參閱「組裝戶外遮陽亭前須知」章節。

為確保後續配件正確安裝，請重複步驟 **4A** - **4D**，檢查框架對齊度和柱間距離。


8A

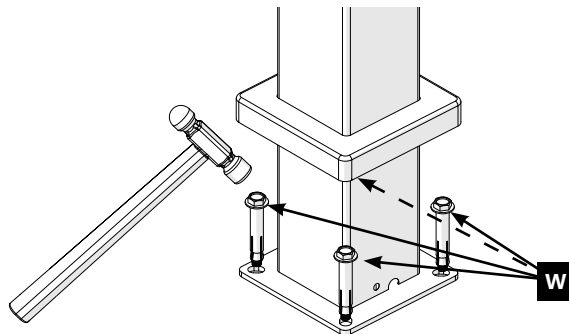
為將角柱 **A** 透過四個腳座 **J** 固定於地面，請使用鉋鑽沿每個孔位進行鑽孔。

Z x 1

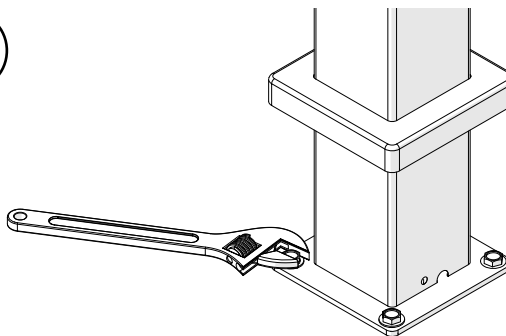
x 4

8B

清除所有碎屑和灰塵。然後使用鐵鎚，將錨栓 **W** 牢固地敲入每個孔中。

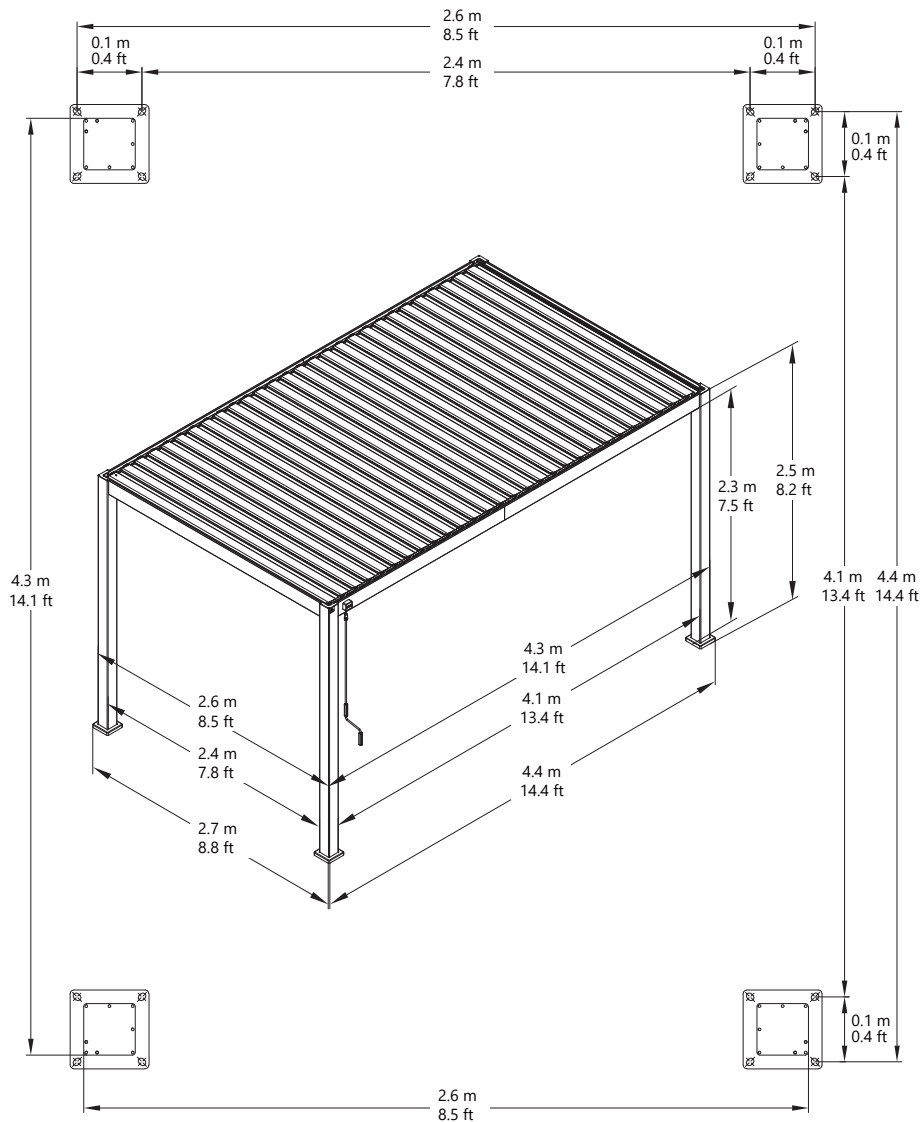
W x 16

x 4

8C

使用扳手鎖緊每個錨栓的六角頭。

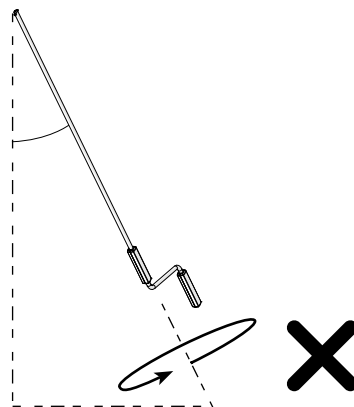
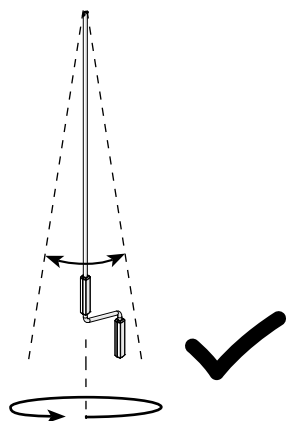
x 4


9. 組裝完成

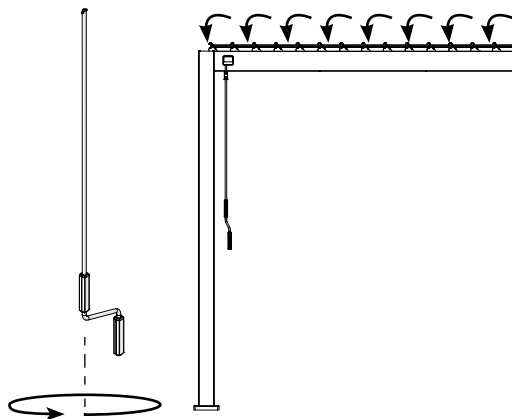
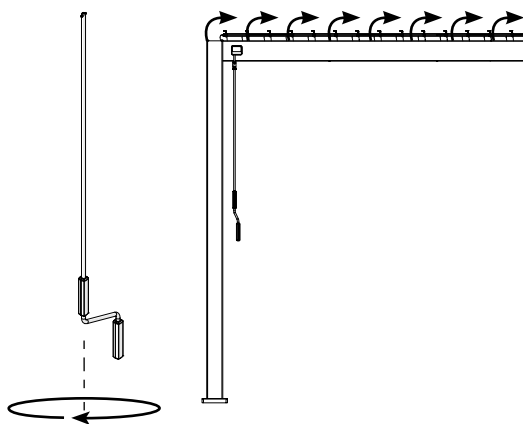


戶外遮陽亭操作指南

當開啟 / 關閉百葉片時，請確保曲柄搖手保持垂直並靠近柱子的位置。
請勿將曲柄搖手移動到離柱子太遠的地方。



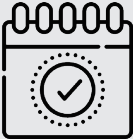
要開啟百葉片，請順時針轉動曲柄搖手；
要關閉百葉片，請逆時針轉動曲柄搖手。



故障排除與保養維護

問題	說明或採取措施
百葉片轉動時出現異常噪音。	檢查是否有任何百葉片變形。如果是，請更換它們。如果百葉片沒有變形但彼此碰撞，請更換樑。
百葉片的平整度因天氣條件而受損。	更換受影響的百葉片。
排水管被樹葉或碎屑阻塞。	定期清潔戶外遮陽亭的管道和排水槽。
抗風荷載能力。	等級 6 (宣稱可達蒲福風級 12 級)。

一般保養與維護

灰塵和污垢會積聚在戶外遮陽亭上，需要定期清潔。	使用水 / 清潔劑混合液和柔軟乾淨的布來清潔戶外遮陽亭。	風乾或用柔軟乾淨的布擦拭。	對於較髒的區域，從上到下用清水沖洗表面。
			
在沿海地區，建議經常用水噴灑戶外遮陽亭以減少鹽分和污垢的積累。	當溫度低於 0° C / 32° F 時，建議減少使用產品的頻率以延長產品使用壽命。	不應使用任何石油基噴霧潤滑劑。	在大多數情況下，不需要潤滑戶外遮陽亭的活動部件。然而，當出現吱吱聲時，建議使用矽基噴霧潤滑劑。
	 < 0° C / 32° F	 石油基	 矽基

定期檢查

- 檢查戶外遮陽亭是否牢固固定於地面
- 檢查傳動部件是否充分潤滑
- 檢查戶外遮陽亭上的螺絲與鉚接點

保固與申訴程序

有關我們有限保固的條款和細則，請訪問 www.miradoroutdoor.com

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澳洲：

我們的商品附帶根據澳洲消費者法無法排除的保證。您有權因重大故障獲得更換或退款，並有權就任何其他可合理預見的損失或損壞獲得賠償。如果商品未能達到可接受的質量並且故障不構成重大故障，您也有權要求修理或更換商品。

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拆卸工作應指派給受過適當職業健康與安全培訓的合格人員進行。

當戶外遮陽亭的使用壽命結束時，請根據您所在國家 / 地區的當地法規和要求回收組件。

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