



shadowspec
umbrellas with distinction

SU4

Cantilever Umbrella Owners Manual

Installation, Operation, Care & Guarantee

P.01/22





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Hello,

For a stress-free installation we suggest you read this manual in full before assembling your new Shadowspec Umbrella.

Help extend the life of your umbrella investment by reading and following these care instructions on a regular basis.

Thank you for your purchase, we appreciate it.

Enjoy the shade, courtesy of Shadowspec.

Umbrella Dimensions

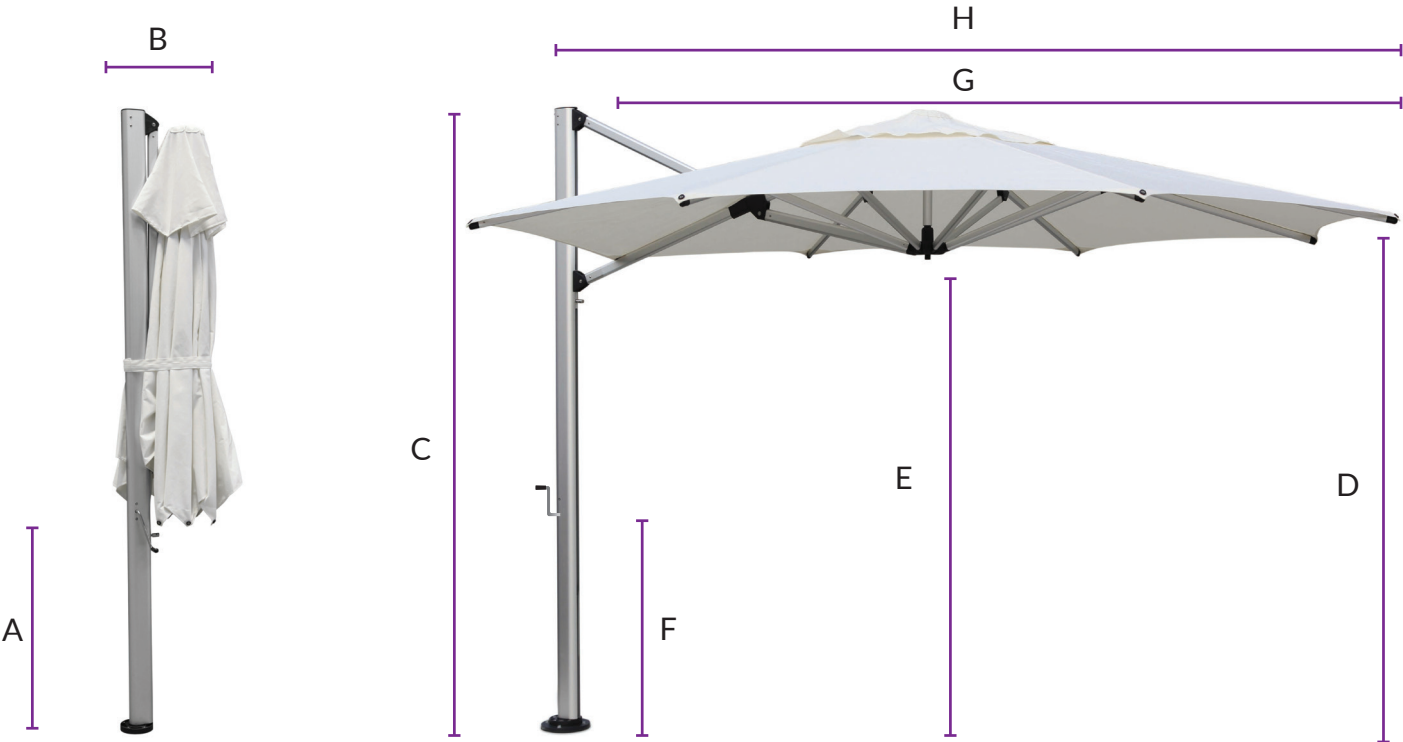


Diagram Legend		3.5m	11'	3.0m	10'
A	Clearance of Closed Strut Arms*	864mm	2'10"	483mm	1'7"
B	Depth of Umbrella When Closed	508mm	1'8"	508mm	1'8"
C	Overall Height*	2718mm	8'11"	2744mm	9'
D	Height to Edge of Canopy*	2134mm	7'	2032mm	6'8"
E	Height to Centre Hub*	2032mm	6'8"	1931mm	6'4"
F	Handle Height*	889mm	2'11"	889mm	2'11"
G	Canopy Width	3480mm	11'5"	2998mm	9'10"
H	Centre of Mast to Outside Edge of Canopy	3582mm	11'9"	3353mm	11'

*Free-Standing Base installations will add 177mm to the height and surface plates will add 12mm to the height. Adding Free-Standing Base wheels also will add a further 45-80mm. All sizings are approximate only and subject to change without notice.



Stage 1 - Planning Umbrella Location

Special care is needed when selecting the best location for your umbrella. Some key points to keep in mind are:

Ensure that the location you have chosen has the umbrella in a position where it provides the best possible coverage over your space.

Remember the SU4 has the ability to tilt and rotate 360° so if you wish to utilise this function ensure that you allow the necessary space around the umbrella for this. [Figure 1](#).

Stage 2 - Selection & Installation of Umbrella Mount

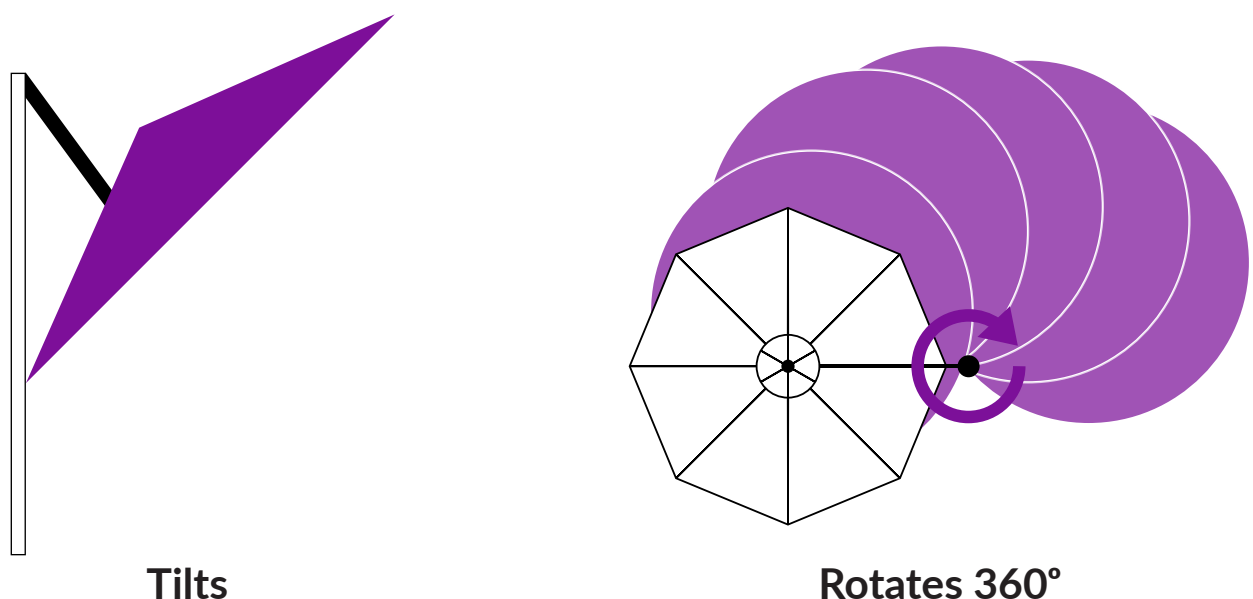
Now that you have selected a location for your umbrella the next step is to ensure that you have ordered the correct fixing option for your umbrella. There are three options available:

- In-Ground Anchor - [Page 5](#)
- Surface Plate - [Page 6](#)
- Free-Standing Base - [Page 7](#)

If you are unsure as to what fixing requirements will be needed for your location please contact us.

Having confirmed that the mounting option you have chosen is suited to the planned location of your umbrella you are now ready to install the fixing.

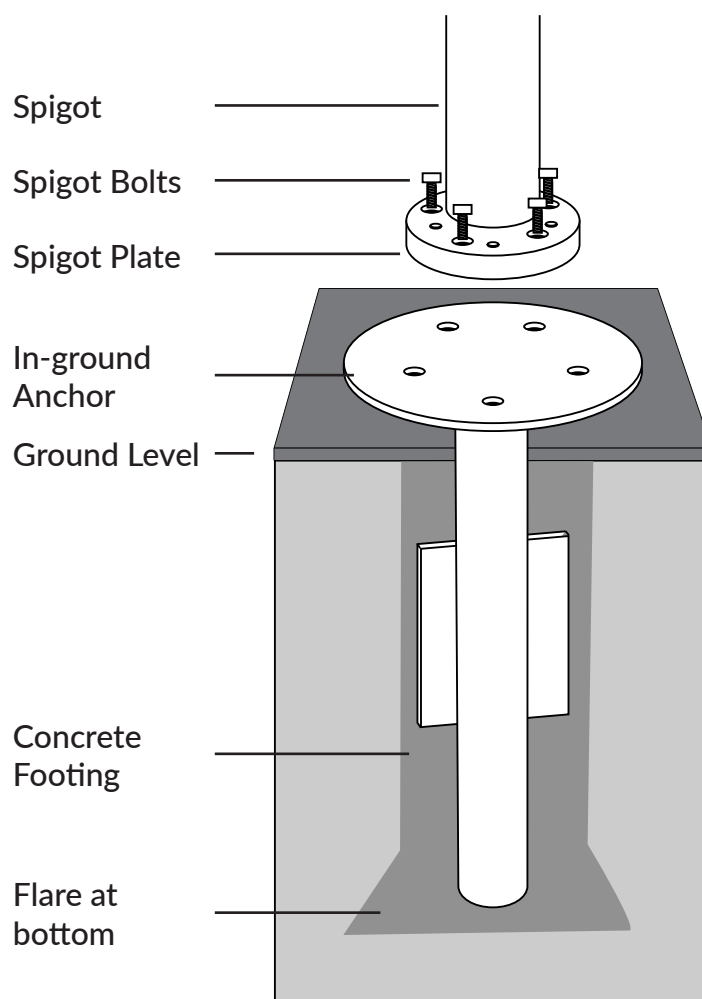
Figure 1





Step 1 - Preparation

- Step 1** Choose your site and ensure the ground is level. Check for buried utilities.
- Step 2** Dig your footing hole at least 500mmW x 500mmL x 600mmH / 1'7" x 1'7" x 1'11". It is recommended that you flare the footing hole at the base for extra stability
- Step 3** Using the Screws supplied with your Umbrella, fit the spigot to the In-Ground Anchor.
- Step 4** Prepare the concrete mix in your wheelbarrow.
- Step 5** Position the In-Ground Anchor in the hole and ensure the anchor is level. Ensure orientation is correct for how you wish to position your umbrella.
- Step 6** Pour concrete into the hole up to the bottom of the Spigot base. DO NOT cover any part of the Spigot.
- Step 7** Use bracing and support to ensure the In-Ground Anchor and Spigot stay level.
- Step 8** Allow at least 24-hours for the concrete to cure your chosen product will have a recommended time on the packaging so double check this.



Step 2 - Bolt Spigot to In-Ground Anchor

Once the concrete is cured, bolt the spigot plate to the In-Ground Anchor plate using the spigot bolts included with the umbrella. Insert the spigot bolts downward through the holes in the spigot plate and screw them into the threaded holes in the In-Ground Anchor. The spigot bolts should be left just loose enough to allow final adjustment of the orientation of the umbrella if necessary, then once orientated, tighten the spigot bolts.

Important: When concreting the In-Ground Anchor in place, make sure not to get slurry in the screw threads. Either apply tape of the holes on both sides of the anchor or place the spigot bolts in the threads and withdraw them when the concrete is set. Make sure that the In-Ground Anchor is level. Allow the concrete to cure for the appropriate cure time for your area before installing the umbrella onto the fitting.

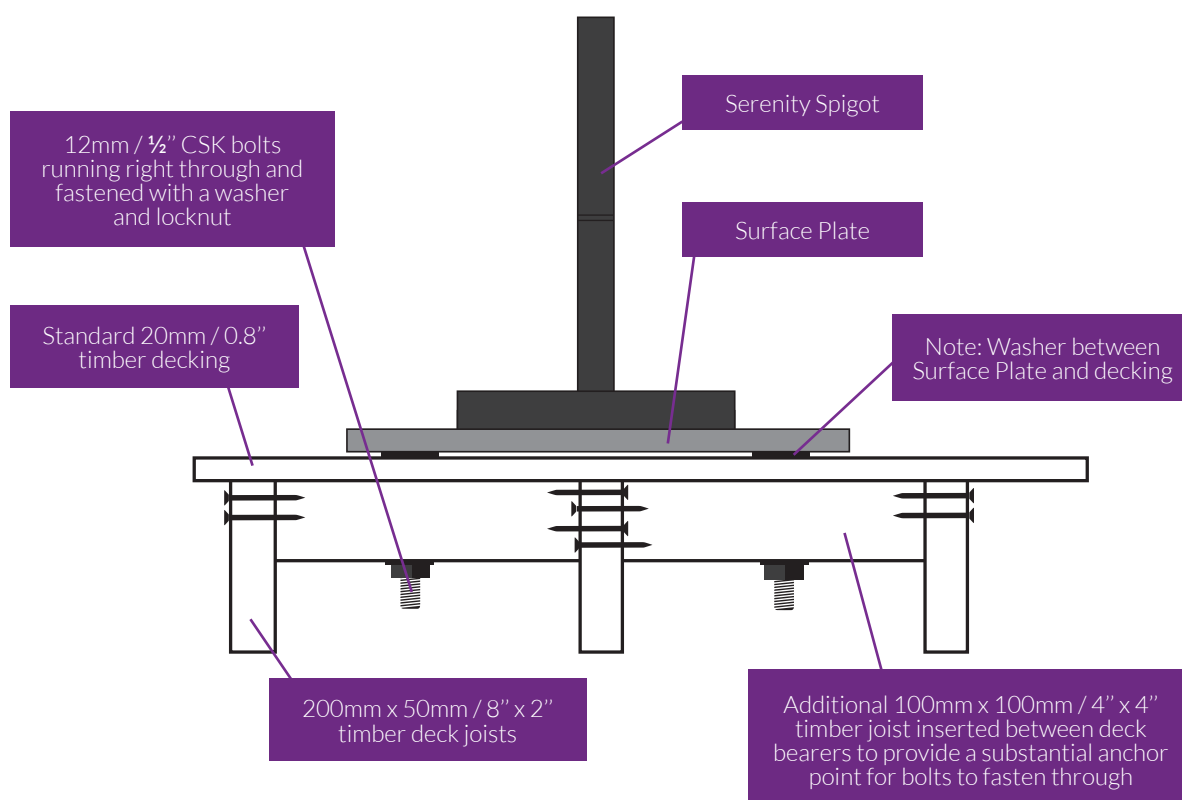


The following guide is designed for prebuilt decks. To ensure sufficient strength you should install additional nogs/joists in between the existing bearers on your deck.

You will require the following:

- 4x 100mm x 100mm Timber Nogs/Joists
- Sufficient screws
- Electric screw driver / drill
- Replacement nails / screws
- 4 x 12mm CSK Bolts and matching Nuts (not supplied - length will depend on the thickness of the deck and bracing timbers you are fixing through)

- Step 1** Determine the installation location on your deck.
- Step 2** For access, remove enough decking to access at least 400mm | 1'4" of space for the next steps.
- Step 3** Ensure the additional timber nogs/joists are spaced with their center 270mm | 11" apart for the Surface Plate to be screwed into.
- Step 4** Insert 100mm x 100mm | 4" x 4" timber nogs/joists between existing bearers.
- Step 5** Replace the timber decking we recommend using screws to ease of access.
- Step 6** Affix the Spigot to the Surface Plate





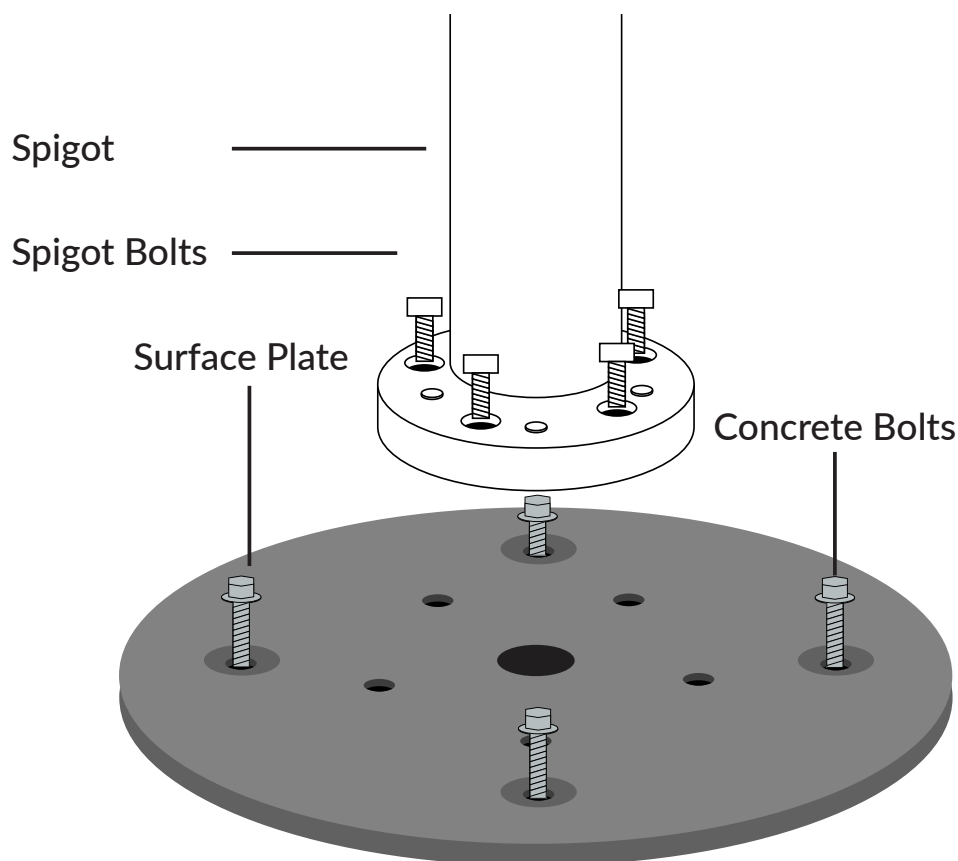
Step 1 - Bolt Surface Plate to Concrete

Fix the surfaceplate to exisiting concrete slab using concrete bolts. M10x100mm

Step 2 - Bolt Spigot to Surface Plate

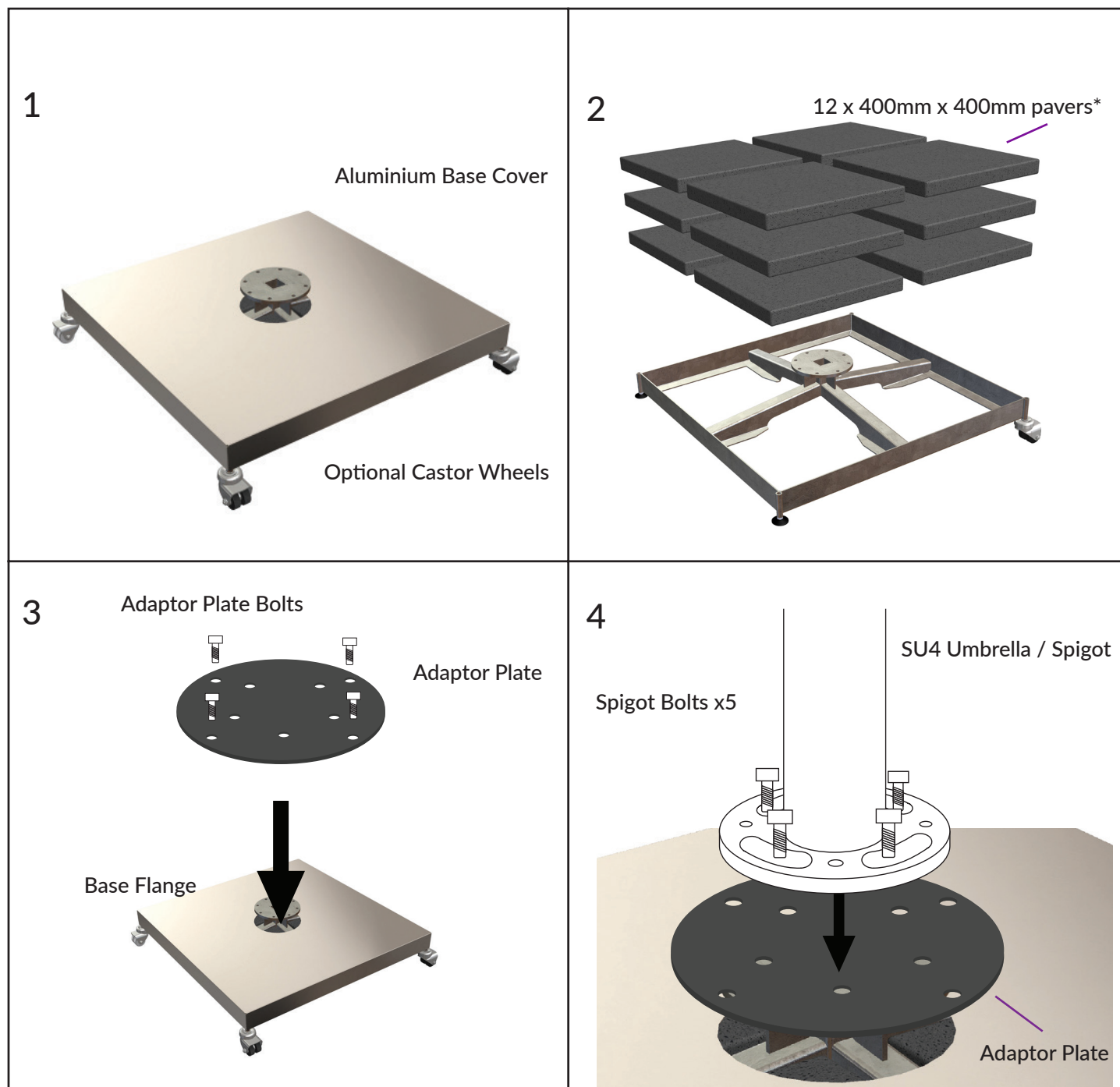
Bolt the spigot plate to the Surface Plate using the five spigot bolts included with your umbrella.

Insert the spigot bolts downward through the holes in the spigot plate and screw them into the threaded holes in the Surface Plate. The spigot bolts should be left just loose enough to allow final adjustment of the orientation of the umbrella if necessary, then once orientated, tighten the spigot bolts.





- Step 1** Remove Aluminium Cover from the Free-Standing Base. Attach provided Rubber Feet or Optional Castor Wheels
- Step 2** Fill the Free-Standing Base with 12 x 400mm x 400mm x 40~50mm pavers in two layers and then replace the Aluminium Cover. Pavers are not included and can be purchased from your closest hardware store.
- Step 3** Bolt the Adaptor Plate onto the Base Flange using the bolts provided with the Free-Standing Base
- Step 4** Attach the Spigot to the Adaptor Plate



*Pavers are not supplied and can be purchased from your local hardware store



Aluminium Base Pole Cover

An aluminium base pole cover is supplied with your umbrella. It is recommended this be assembled to the umbrella before bolting the umbrella to its fixing. To do this, remove the spigot from the umbrella mast by first removing the three small screws and slide the spigot out of the umbrella mast. Next slide the aluminium base pole cover over the spigot then slide the umbrella mast back down over the spigot and replace and tighten the screws.

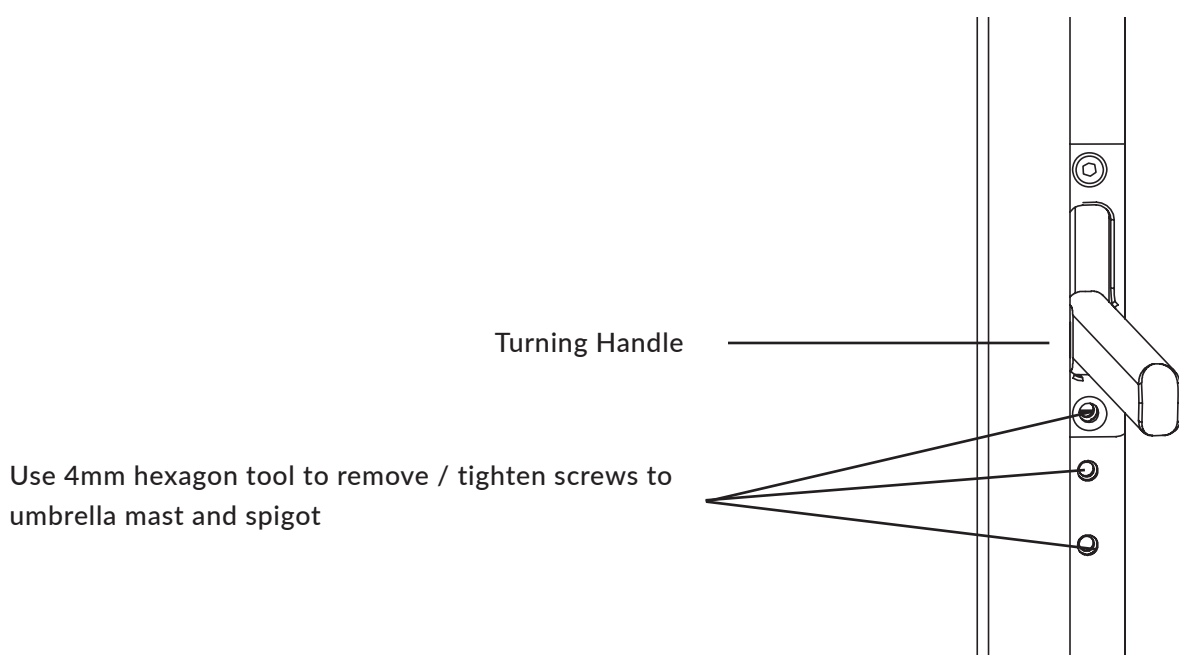


Two Person Install

The SU4 Umbrella is supplied with the spigot already bolted in place to the umbrella mast. The spigot plate can be bolted to the In-Ground Anchor / Surface Plate / Free-Standing Base with the umbrella left fixed to the spigot if 2 people are available for the install.

One Person Install

If you're not able to have 2 people on-site for the install, remove the spigot from the umbrella mast by first removing the three small screws and slide the spigot out of the umbrella mast. Bolt the spigot plate to the In-Ground Anchor / Surface Plate / Portable Base then slide the umbrella mast back down over the spigot and replace and tighten the screws.





Opening the SU4 Umbrella Canopy

First Position Opening

- Step 1** Remove the SU4 strap that secures the canopy to the mast when closed
- Step 2** Pull the arms out to loosen - *Figure A*
- Step 3** Turn the slider stop pin to the horizontal position - *Figure B*
- Step 4** Turn the winder handle clockwise until the slider stop tin auto locates into the tilt position 1 *Figure C*

Do not force the arms open if you feel resistance in the winder



A



C

Second Position Opening

- Step 1** Follow the above instructions into shift the umbrella into the first position.
- Step 2** Turn the winder handle two full revolutions. - *Figure C*
- Step 3** With the slider stop pin horizontal, pull out the pin keeping it in a horizontal position. - *Figure B*
- Step 4** Let it slide up until the pin locates the next predetermined hole.
- Step 5** Continue winding until canopy is taught. - *Figure C*

Do not force the arms open if you feel resistance in the winder

Third Position Opening

- Step 1** Repeat the steps from the Second Position Opening

Do not force the arms open if you feel resistance in the winder

At any time, you may skip a position and open the the desired position by turning the slider-car stop-pin, parallel with the mast. In this position, the pin will NOT auto locate as it passes over the predetermined holes. If you choose to pass the tilt positions and go direct to the horizontal canopy position you may move the pin into the vertical position and continue winding, but be sure to turn the pin back to the horizontal position before the open canopy position is attained. If you pass the top hole, take the tension out of the canopy and then pull the slider stop pin down and into the top hole.



Closing the SU4 Umbrella Canopy

- Step 1** Turn winder handle counter-clockwise for several revolutions until all pressure is released.
- Step 2** Reach up and pull slider stop pin out of the hole.
- Step 3** Continue to turn counter clockwise to close. If slider locks, pull it again.
- Step 4** Strap the canopy to the mast with the provided strap.
- Step 5** Cover the umbrella with the supplied protection cover.

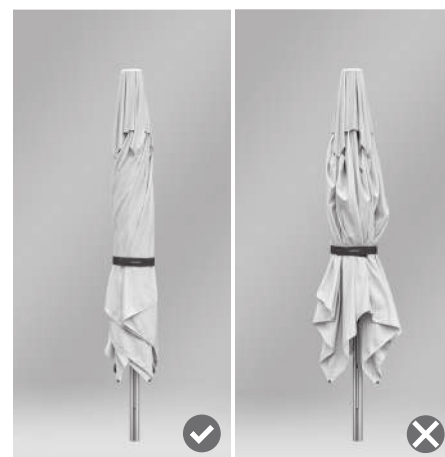


Do not force the arms closed if you feel resistance in the winder

Fold the SU4 Umbrella Canopy

Folding the umbrella is an important measure you can take to prolong the life of your canopy.

- Step 1** When the canopy has been lowered, stand in front of the canopy.
- Step 2** Pull out the two panels opposite the mast.
- Step 3** Pull the two panels together and roll tight into the canopy.
- Step 4** Pull adjacent panels out one at a time and fold to the center.
- Step 5** Strap the canopy to the mast with the strap.



Protective Cover

- Step 1** Screw rods together and insert into slit of the cover.
- Step 2** Unzip cover.
- Step 3** Using the rod as a guide, slide cover over your umbrella.
- Step 4** Pull on string to zip down your cover.



Your Shadowspec SU4 Umbrella has four positions - Do not use tilt in windy conditions

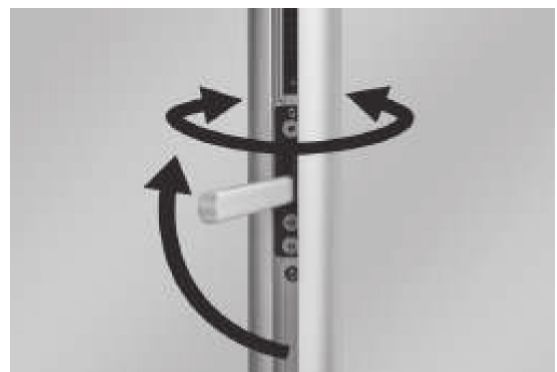
- Position 1 Closed
- Position 2 Tilt Position A
- Position 3 Tilt Position B
- Position 4 Horizontal Position



Rotating the Umbrella

Raise the turning handle and rotate the SU4 to the desired rotation position.

The SU4 has ten rotation positions





Regular care and maintenance of your umbrella is essential.

The following points will assist in keeping it looking smart and clean while also ensuring its ongoing performance and reliability.

- Always place the protection cover over the umbrella when not in use.
- Close and coer your umbrella in adverse conditions, this includes rain, snow, hail and high wind.
- Take care when opening or closing the umbrella, always check for obstacles first.
- Umbrella should never be left stored or collapsed for long periods while wet. Always ensure that the fabric is dry before storing or closing for long periods of time.
- Any early signs of mould or mildew must be removed.
- Umbrella canopy is removable and washable. Clean fabric using cold or warm water and mild natural soap. Always rinse and leave to dry in the open air. Do not put in clothes dryer.
- Never clean any part of the umbrella with a corrosive or abrasive product or a high pressure hose.
- Never use waterproofing or cleaning sprays on umbrella fabric without seeking appropriate advice.
- All moving parts on the umbrella are best mnaintained with an annual application of dry lubricant

Fabric Cleaning Instructions

The SU4 Umbrella Canopy is 100% Solution dyed and is UV Stable.

Your umbrella canopy should receive a regular clean before dirt is allowed to accumulate and become embedded in the fabric.

The fabric canopy can be cleaed without being removed from the frame, however, the canopy can be removed if prefered or easier. Brush off any loose dirt or particles, hose down and clean with a mild soap in lukewarm water, no more than 37°C. Rinse to remove the soap and allow the fabric to air dry. Do not use heavy detergents. For stubbron stains, '303' Fabric Cleaner is recommended although, as with any cleaner, it is advisable to trial a small area of the fabric first to ensure no adverse effect or discolouration occurs. Following cleaning it is also then advisable to re-treat the fabric with a water repellency application again. We recommended '303' Protectant for this purpose.

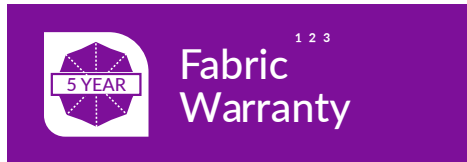
When washing or cleaning, do not subject to excessive heat as the fabric will shrink. Do not steam press or dry in electric or gas dryers, but allow air to dry. In cases where the umbrella is taken down and stored during the winter season, the canopy should be cleaned, allowed to air dry and stored in a, dry, well ventilated area. A Protection Cover should be used at all times when umbrella is not in use to ensure the longest servicable life.



Shadowspec Umbrellas are produced with the greatest care and meet the strictest quality standards.

The Shadowspec Warranty.

Unicrest Group Ltd guarantees that Shadowspec Umbrellas that are installed in accordance with our guidelines will be free of defects in materials and workmanship for the period of time as set out below:



¹ Fabric Warranty relates to your umbrella Fabric Canopy. ² Protection Cover Warranty is 2 years.

³ In commercial applications, the Fabric and Frame Warranty is 2 years.

The obligation of Shadowspec under this warranty is limited to faulty manufacturing, defective materials and mechanical failure when your umbrella has been used and cared for appropriately from the date of invoice. If an umbrella is repaired under warranty, the warranty period will not be extended.

Shadowspec shall, at its sole discretion, determine whether repair or replacement is appropriate. This warranty does not cover the following:

- Damage caused by an accident, negligence, storm, wind, accumulation of water or snow, or caused by an act of God, incorrect installation, not following Shadowspec's Care and Maintenance instructions, incorrect use or natural ageing and fading.
- Damage caused by exposure to hazardous atmospheric situations due to industry or a high slat level.
- Small colour variations between the fabric and the colour samples and between the components and profiles, which are caused by the manufacturing process.
- Damage by a third party.
- Repair by a third party or labour costs.

This warranty does protect against your umbrella Fabric Canopy becoming unserviceable due to strength loss from normal usage and exposure conditions. The foregoing sets out the extent of this warranty.

Shadowspec shall not otherwise be liable or responsible for any direct, indirect, incidental or consequential damage, costs or losses of any kind arising out of or in connection with your umbrella or components or for any delay by Shadowspec or the component manufacturer in undertaking repairs or replacement under this warranty. Except as expressly provided herein, all other warranties, representations, conditions, undertakings, rights, duties or liabilities, whether arising by implication of law or otherwise, are hereby expressly excluded.

If you need to enquire about a warranty claim, please either contact Shadowspec direct or the sales agent you purchased your SU4 from.



Lined area for notes, consisting of multiple horizontal lines.



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**Contact our in-house shade and outdoor specialists
for more information and advice.**

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