



Finbrella

INSTALLATION & OPERATING INSTRUCTIONS

Smart enough to buy a Finbrella, smart enough to read the instructions.



CONGRATULATIONS

We expect that your new Finbrella will provide many years of enhanced outdoor pleasure, comfort and enjoyment.

All Finbrellas are guaranteed against manufacturing defects and canopy colour fade in accordance with details provided further on in this booklet and on the Finbrella website.

Please advise us immediately if you have any concerns about the quality or functionality of your Finbrella.

Visit our website www.finbrella.com for comprehensive information about all aspects of the complete Finbrella range.

Please read the following instructions to ensure correct usage. And... ENJOY!

TABLE OF CONTENTS

<u>Safety - Wind Speeds and Rotation</u>	4-5
<u>Set-up - Opening and Deploying</u>	6-9
<u>Closing Your Finbrella</u>	10-11
<u>Movable Paver Bases</u>	12-15
<u>Fixed Camlock Bases</u>	16-17
<u>Movable Camlock Bases</u>	18-19
<u>Care and Maintenance</u>	20-21
<u>Warranty</u>	22-23

SAFETY - WIND SPEEDS

It is strongly recommended that the **Finbrella be closed in winds gusting above 35 kph** (20 knots) whether permanently anchored or not.

Finbrellas are designed to be structurally resistant to wind speeds well in excess of 35 kph (20 knots) when immovably fixed to the ground in a vertical position.

But remember - winds are fickle!

Wind speeds, directions and forces can vary from one moment to the next. Buildings and other topological features will further distort wind speeds and directions. Wind gusts can often be up to 50% faster than prevailing average wind speeds.

It is the responsibility of the Finbrella owner to make prudent judgment about wind speeds and when it is sensible to close the Finbrella.

SAFETY - ROTATION

The Finbrella is a dynamic shade umbrella that is constantly aligning itself to the immediately prevailing wind direction contacting its canopy fin.

The canopy must be allowed to rotate freely in response to wind directions.

Immediate wind speeds and directions can vary markedly from one moment to the next resulting in sudden changes in rotation speed.

Clearance for the rib ends and the upper pole locking mechanism button must be provided to avoid injury or damage.



SET UP

Be sure to carefully read the safety information on the previous pages.

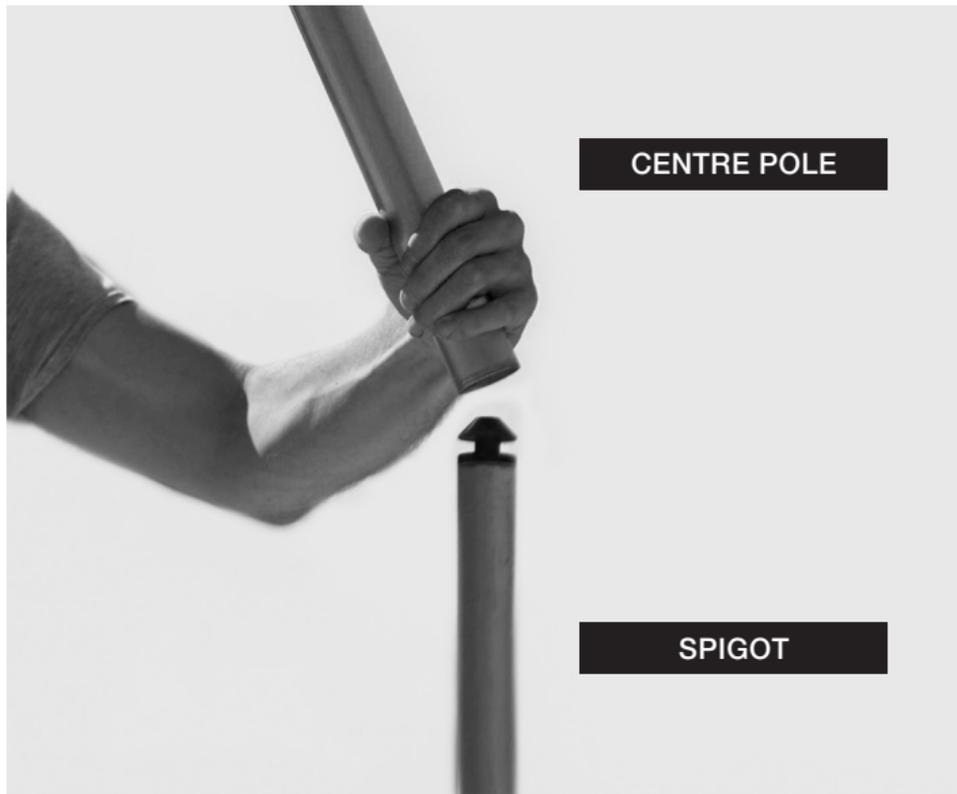
Note: Particular care should be taken not to damage/deform the bottom end of the Finbrella's centre pole.

Even slight deformation of the centre pole end (e.g. by impact against the ground) can result in the centre pole being unable to fit over the base/sand pole spigot and to allow free rotation.

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1. Place the base or sand pole in any chosen location ensuring that the space chosen provides sufficient clearance for the canopy to rotate freely when open (see Safety - Rotation page 5). Sand poles should be buried and packed to a depth of at least 500 mm.
 2. Ensure the base/sand pole is positioned vertically and will remain vertical while the Finbrella is open.

Note: The Finbrella wind resistance feature will be reduced if the centre pole is not vertical and not at right angle to the wind direction.

3. Slide the Finbrella centre pole down over the base/sand pole spigot. Press the locking mechanism button in to ensure the centre pole locks into position and is sitting on the rotation bush.



SET UP - OPENING

4. To open a Finbrella, separate the ribs about 100 mm from the centre post, before trying to raise the runner-hub.

The runner-hub should not be forced if it cannot be pushed up easily - continue the rib separation until it can be.

Once the runner-hub can commence to rise easily, push the hub and/or one or two of the rib struts upwards until the hub passes the lock-open buttons. The Finbrella canopy should now be able to freely rotate.

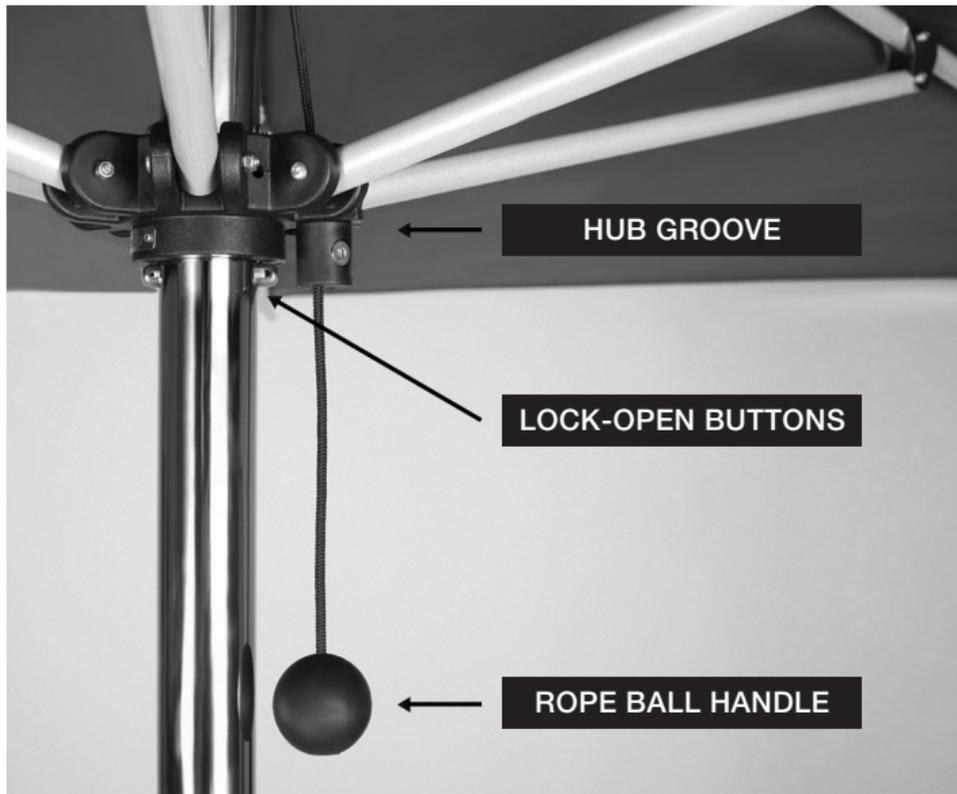
SET UP - DEPLOYING THE FIN

5. Deploy the canopy fin by pulling down on the fin rope ball handle and locking it into its hub groove.

Note that the rope lock-washer has been positioned during manufacture so that the end of the flexible fin rib will be set at approximately the same height as the top fixed hub.

If for whatever reason the lock-washer does not position the end of the fin rib at this height then the position of the lock washer can be readily adjusted to achieve this required position of the fin rib end.

Note: The Finbrella's special feature of wind resistance is achieved by deploying its fin. Without the fin set your Finbrella will simply operate like a conventional static umbrella.



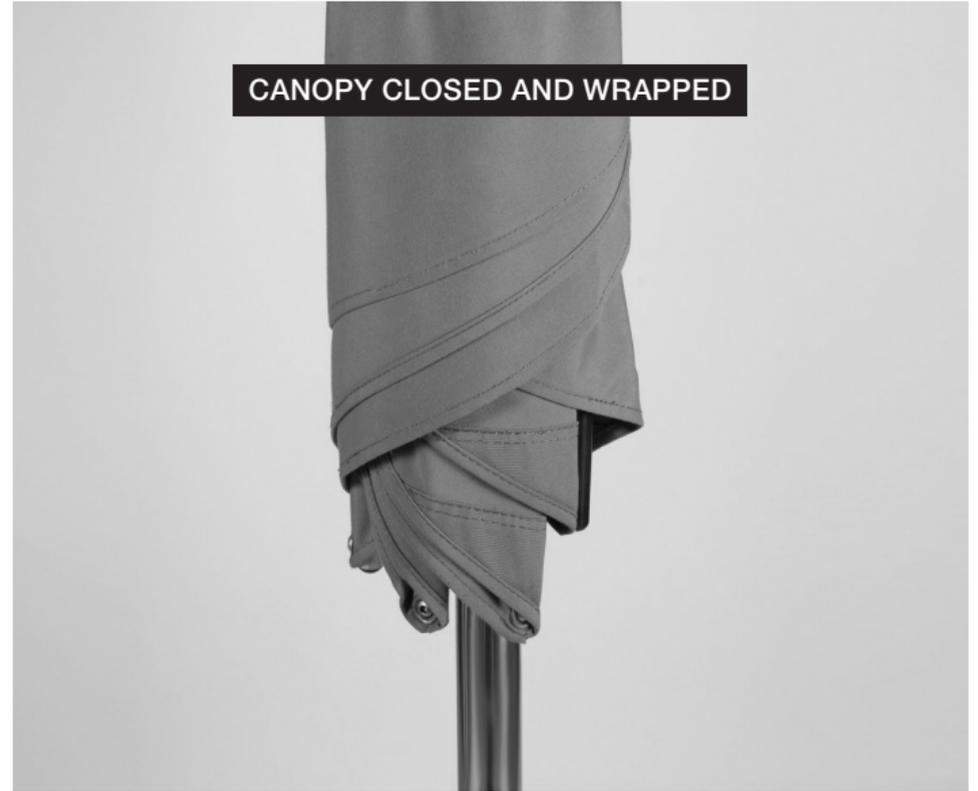
CLOSING YOUR FINBRELLA

Before closing the Finbrella ensure that the fin is lowered by releasing the fin-rope from the groove of the runner hub.

The ribs and canopy can now be lower by depressing the runner hub lock buttons.

When lowering the fin and canopy ensure that the canopy fabric does not get caught or pinched between the ribs and struts (note that damage to the canopy caused by pinching is not covered by the product warranty).

This is achieved by pulling out and combining the middle of each edge of each of the six canopy sections then wrapping them together around the centre pole and securing with the Velcro tie band.



CLOSING YOUR FINBRELLA

To remove the upper Finbrella section from the base/sand pole, depress the spring loaded locking mechanism button and lift the upper pole past the lock.

The upper pole can now be completely lifted off the spigot and separated for storage.

Note: Deformation of the centre pole's lower end (e.g. by impact against the ground) can result in the centre pole being unable to fit over the base/sand pole spigot.



MOVABLE PAVER BASES - BALLAST PAVERS

The Finbrella Movable Bases are designed to be used with readily available standard size paver tiles – concrete or stone type.

For the F-220 and F-280 Movable Paver Base models:

- You will require four 300 x 300 mm pavers
- Total area of 650 x 650 mm
- Minimum total recommended weight of 40 kg

For the F-330 and F-400 Movable Paver Base models:

- You will require four 400 x 400 mm pavers
- Total area of 850 x 850 mm
- Minimum total recommended weight of 70 kg

The pavers should be between 50 mm and 60 mm thick.

Finbrella does not normally supply ballast pavers.

This allows you to select from a far broader range than Finbrella could offer and to source far more cost effectively.

Suitable size ballast pavers can be sourced from paver producers/suppliers and various garden/landscape suppliers.

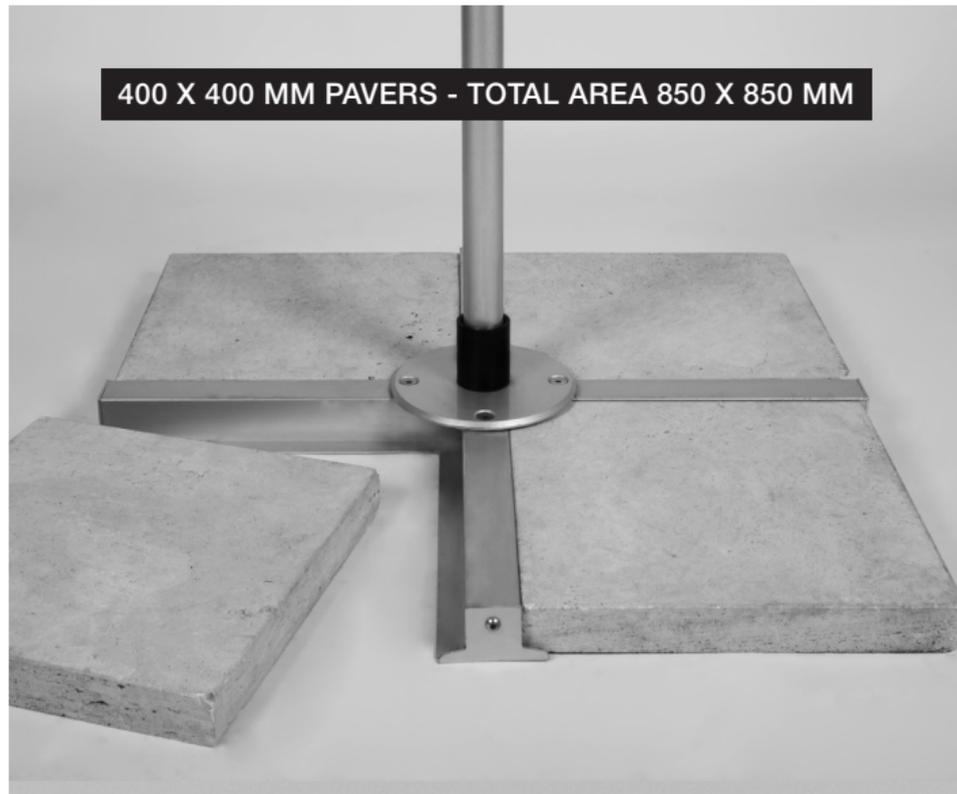
Marble or granite ballast tiles can also be sourced from stone and tile merchants.

Please see the Anchoring section of our website (www.finbrella.com) for guidance on Australian suppliers.

300 X 300 MM PAVERS - TOTAL AREA 650 X 650 MM



400 X 400 MM PAVERS - TOTAL AREA 850 X 850 MM



MOVABLE PAVER BASES - ASSEMBLY INSTRUCTIONS

The Movable Paver Base is very simply assembled by fitting the cross members together then bolting the circular base plate of the spigot on top of them.

If you chose to use 60 mm thick ballast pavers then the aluminium spacer washers provided should be positioned between the base plate and the cross members' fixing holes.

Important:

The Finbrella Movable Paver Base should be positioned on level ground so that the base spigot is vertical. Effective wind resistance is achieved with the centre pole at right angles to prevailing winds.



MOVABLE PAVER BASES - WEIGHT

The four pavers for the F-220 and F-280 should provide:
Total of at least 40 kg of base weight

The four pavers for the F-330 and F-400 should provide:
Total of at least 70 kg of base weight

These base weight minima will provide stable anchoring of the Finbrella in winds up to 35 kph, however it is essential to remember that wind speeds and direction can be fickle.

WARNING:

It is the user's sole responsibility to judge the force of the wind that will be resisted by the Finbrella. Wind gusts and sudden changes in wind direction are unpredictable. We strongly recommend that the Finbrella be closed where wind speeds may exceed 35 kph (20 knots).



FIXED CAMLOCK BASES

The Fixed Camlock Base can provide very strong anchoring for a variety of permanent positions. The system relies on bolting the Camlock ground plate to level and suitably robust “ground”. The ground could include a concrete pavement, a timber balcony or a fibreglass boat deck.

The strength and stability of the position chosen and the strength of the attachment of the ground plate to the ground is the sole responsibility of the customer. Furthermore, before installation ensure that the selected position will allow complete free rotation of the canopy (see Safety - Rotation page 5).

Do not place the Fixed Camlock Base in an exposed elevated position where wind updrafts may be directed to the underside of the canopy.

FIXED CAMLOCK BASES - INSTRUCTIONS

Three stainless sleeve bolts (10x75 mm) are provided with the Camlock ground plate. These are only suitable for fixing to masonry ground. The accompanying countersunk barrel nuts may serve in conjunction with appropriate 8 mm stainless bolts for fixing to other types of suitable “ground”.

The ground plate is a low profile stainless plate and suits all Finbrella models (except the F-160 which is sand pole only). Additional ground plates can be bought separately to provide as many optional fixed positions to set up your Finbrella.

Each Finbrella model has a specific size Camlock spigot. The spigot (or riser pole) is very easily fixed to and removed from the ground plate. A “tongue” extends from the bottom of the spigot and with the use of the 8 mm Allen Key (supplied), the tongue can be made to move up and down over approximately a 4 mm range.



With the tongue fully extended slide the tongue into the slot of the ground plate. Ensure the spigot is centralized within the circle on the ground plate.

The Camlock spigot is then secured onto the ground plate with less than a half turn of the Allen key. Tighten very firmly to full hand-tightness. The upper part of your Finbrella can now be positioned over the top of the spigot. It is recommended that the tightness be confirmed on a regular basis, at least weekly.

Important:

The Fixed Camlock ground plate should be positioned on level ground so that the base spigot is vertical when attached. The effective wind resistance of the Finbrella is best achieved with the centre pole vertical and thereby at right angles to prevailing winds.

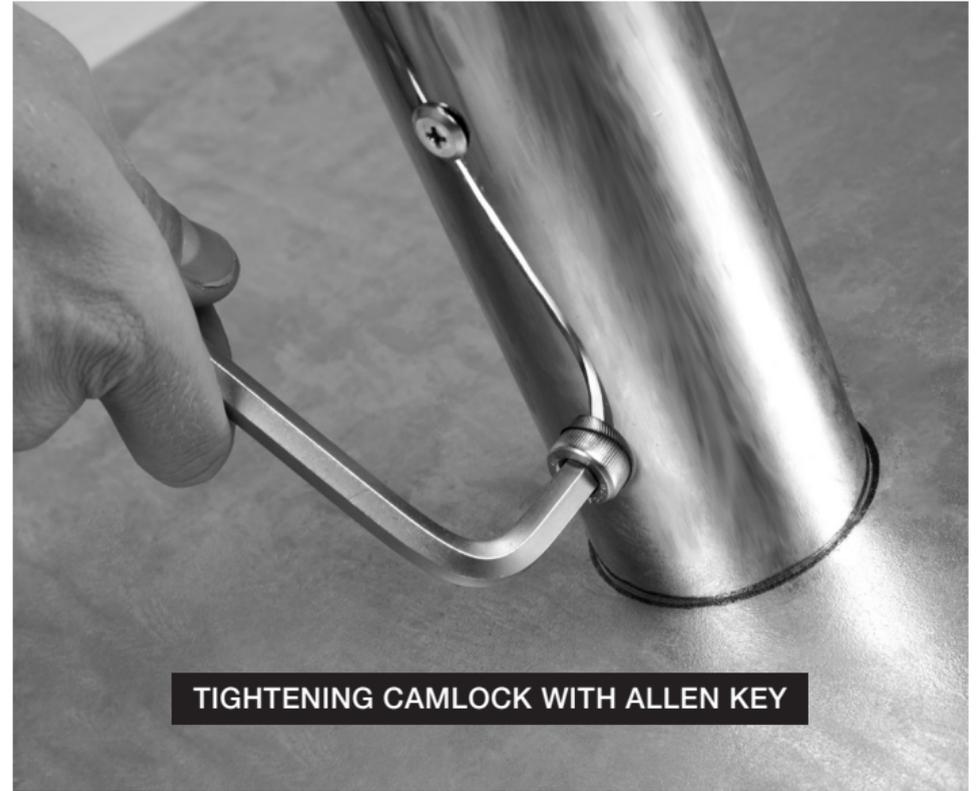
MOVABLE CAMLOCK BASES

The Movable Camlock Base is a low profile alternative to the Movable Paver Base. This quick and simple style of base has a galvanized steel plate weighing 40 kg which is suitable for all Finbrella models (except the F-160). Each Finbrella model has a specific size spigot to connect with the base plate, which is also compatible with the Camlock Fixed Base plate.

When used with the F-330 and F-400 models it must be regarded as a “lightweight” base and is **not recommended** for use in winds exceeding 24 kph (13 knots).

Important:

The Movable Camlock base plate should be positioned on level ground so that the base spigot is vertical when attached. The effective wind resistance of the Finbrella is best achieved with the centre pole vertical and thereby at right angles to prevailing winds.



TIGHTENING CAMLOCK WITH ALLEN KEY



ASSEMBLED MOVABLE CAMLOCK BASE

WARNING:

It is the user's sole responsibility to judge the force of the wind that will be resisted by the Finbrella. Wind gusts and sudden changes in wind direction are unpredictable. We strongly recommend that the Finbrella be closed where wind speeds may exceed 35 kph (20 knots).

It should also be noted that wind gusts can often be up to 50% faster than prevailing average wind speeds. Furthermore, wind force increases exponentially to wind speed (double the wind speed quadruple the wind force).

Winds off-shore can often be double those measured on shore. Buildings and other topological features will further distort the actually ground level wind speeds with those reported by meteorological centres.

CARE AND MAINTENANCE OF YOUR FINBRELLA

Extend the life and appearance of your Finbrella by:

1. Hosing down the poles and frame regularly with fresh water particularly if you have been using your Finbrella in a salty/marine environment.
2. Hosing down the canopy regularly (at least once a fortnight) to remove dirt, dust and bird shit to avoid it becoming engrained in the canopy fabric. Always allow the canopy to air dry completely before closing and storage.
3. For spots and marks that are not readily removed by hosing, use a soft bristled brush and a little mild soap or mild detergent with warm (less than 40°C) water then rinse thoroughly with fresh water. Allow the canopy to completely air dry before closing.
4. Your Finbrella should be completely dry before closing, covering and or storing. This will minimize the chances of mould and mildew growth. Mildew or mould should be removed as soon as spotted.

CARE AND MAINTENANCE OF YOUR FINBRELLA

5. It is highly recommended that a Finbrella protective cover be used whenever the Finbrella is not in use for any extended period and make sure it is stored in a dry, well ventilated area.
 6. Particular care should be taken not to damage/deform the bottom end of the Finbrella's upper pole. Even slight deformation of the upper pole end (e.g. by impact against the ground) can result in the upper pole being unable to fit over the base/sand pole spigot and to allow free rotation.
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7. Finbrellas are designed to allow for the easy replacement of any part that becomes damaged for whatever reason or that the owner may simply wish to change (e.g. the canopy). Be sure and check warranty conditions. Such replacements can most often be undertaken by the owner with basic handyman skill. Parts are always readily available.

WARRANTY

Wind Stable Umbrellas Pty Ltd (WSU) trading as Finbrella contracts the manufacture of its Finbrella range specifying in detail the use of the highest quality materials of construction and workmanship. We are confident that our extensive development and testing efforts have resulted in a product range that will provide years of enhanced outdoor enjoyment. The warranty protection described below covers manufacturing defects only.

The warranty does not cover situation including:

1. Loss or damage caused by factors beyond WSU's control including fair wear and tear.
2. Any Finbrella that has not been installed and maintained according to the maintenance or care instructions and the set-up instructions.
3. Any alterations or repairs to the Finbrella not performed by WSU or performed without WSU prior written consent.
4. Damage or defects caused to the Finbrella caused by impact or abrasive forces resulting from contact with the ground or other foreign objects.
5. Damage or defects caused to the Finbrella caused by unusual, non-recommended or negligent use.

6. Damage caused by wind forces in excess of recommended or specified maxima or damage by other environmental factors.
7. Canopy damaged caused by "pinching" of the fabric by the Finbrella framework.

The selected materials of construction make Finbrellas ideally suited for poolside and coastal environments. However, customers should observe the simple care and maintenance instructions to ensure the longest possible durability of the product. The robust construction specifications have shown that Finbrellas can, under test conditions, withstand winds well in excess of 40 kph where the centre pole is securely fixed to the ground in a vertical position. WSU does not recommend less warrant the use of Finbrellas in wind speeds exceeding 35 kph (20 knots). In general, WSU strongly recommends that your Finbrella be strapped closed and or covered when not in use.

Warranty time periods against manufacturing defects:

5 Year Warranty

The 100% Solution Dyed Acrylic fabric becoming unserviceable due to loss of strength or colour caused by UV degradation. This fabric warranty extends specifically to the replacement of fabric only and excludes the work and installation of others and also excludes other fittings and hardware. Other costs including re-making a canopy, dismantling, transport, re-erection, travelling costs and consequential loss are also excluded from this warranty.

2 Year Warranty

(a) The olefin 220 gsm fabric becoming unserviceable due to loss of colour or strength caused by UV degradation. This fabric warranty extends specifically to the replacement of fabric only and excludes the work and installation of others and also excludes other fittings and hardware. Other costs including as re-making a canopy, dismantling, transport, re-erection, travelling costs and consequential loss are also excluded from this warranty.

(b) Finbrella frames and bases. WSU will replace or repair the items in these warranty categories in a manner that it deems most satisfactorily redresses the defect and it will do so at its sole discretion.

Any replacement part supplied by WSU during the warranty period shall be covered by the warranty for the unexpired portion of the warranty period which covered the original Finbrella. The above warranties are available only to the original purchaser and cannot be reassigned to any subsequent owner. The benefits given by this warranty are in addition to all other rights and remedies in respect of the product which the purchaser has under the Trade Practices Act and similar State and Territory Laws.

Nothing in this warranty will exclude, restrict or modify any conditions, warranty rights or liability implied in this purchase or protected by law where to do so would render this warranty void.

MAKING A CLAIM

Customers may make a claim under the warranty by returning the Finbrella to the authorized retailer where it was purchased with proof of purchase.

Where the product was purchased directly from WSU, the end customer or authorized retailer may make a claim by providing WSU proof of purchase and notice in writing to our email or postal address together with a reasonable description (and photos if possible) of the defect(s). A contact phone number and or email address should also be provided so that a Finbrella representative can be in contact to discuss how best to redress the problem.

Transport charges:

The Customer will be liable for all transport charges incurred in returning defective components or parts for repair or replacement. WSU will be responsible for the cost of returning the goods to the Customer.

Company details:

Wind Stable Umbrellas Pty Ltd trading as Finbrella ABN 74 161 883 021

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