



BOREAS

TEKNO WIND

INDEX

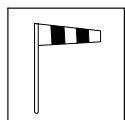
Model Description	Page 3
Measurements	Page 4
Packaging	Page 4
Bases and fixing systems	Page 5
Boreas plate 60	Page 5
Boreas plate 50	Page 5
Casing	Page 5
Fittings for standard base	Page 6
Boreas plate 25	Page 7
Ground Pole	Page 7
Customizations	Page 7
Materials	Page 8
Canopies	Page 8
Slats	Page 9
Post	Page 10
Base plate and casing	Page 11
Plastics	Page 12
Assembly	Page 13
Instructions for using the ground pole	Page 14
Instructions for disassembling the canopy	Page 15
Warnings	Page 17
Warranty	Page 17
Contacts	Page 17

BOREAS

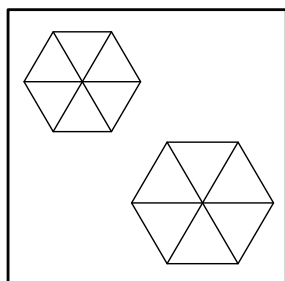
Six-pole parasol with central pole, ideal for large canopies; above all, it is safe because it can withstand winds of up to 80 km/h.

The ideal solution for outdoor spaces such as swimming pools, gardens and particularly windy areas. BOREAS models are perfect for creating environments suitable for outdoor dining.

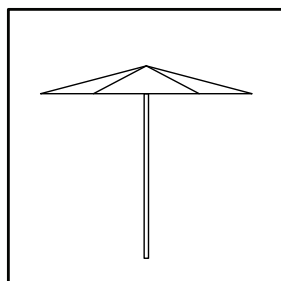
Our windproof system guarantees maximum safety, maintaining the value of your investment over time.



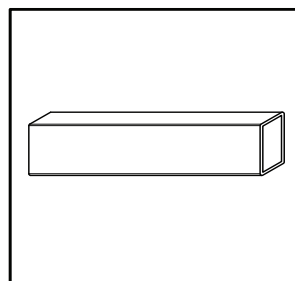
Boreas 320 and Boreas 400 can withstand winds of up to **80 km/h** if the ground anchoring instructions are followed; they can withstand winds of up to **70 km/h** if ballasted bases are used.



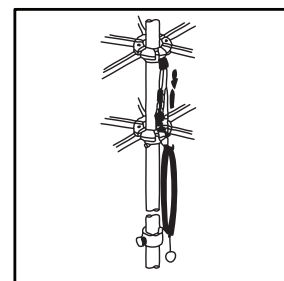
- Available in sizes 320 cm and 400 cm
- Hexagonal shape



- Parasols with central pole
- Stainless steel pole



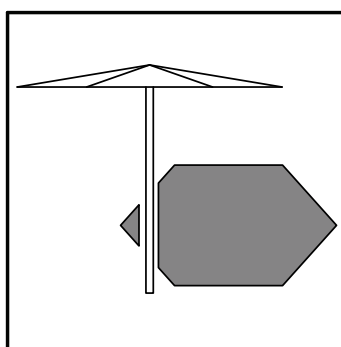
- Stainless steel slats



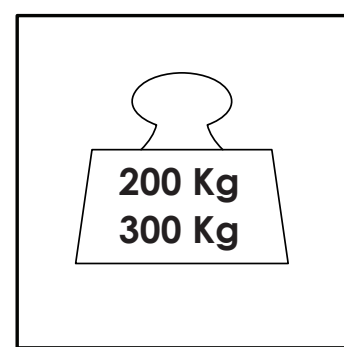
- Manual opening/closing system with double pulley



- 100% mass-dyed acrylic fabric



- Projected shadow:
6,7 sqm for the 320 model
10,4 sqm for the 400 model



- Ballast required:
200 kg for the 320 model
300 kg for the 400 model

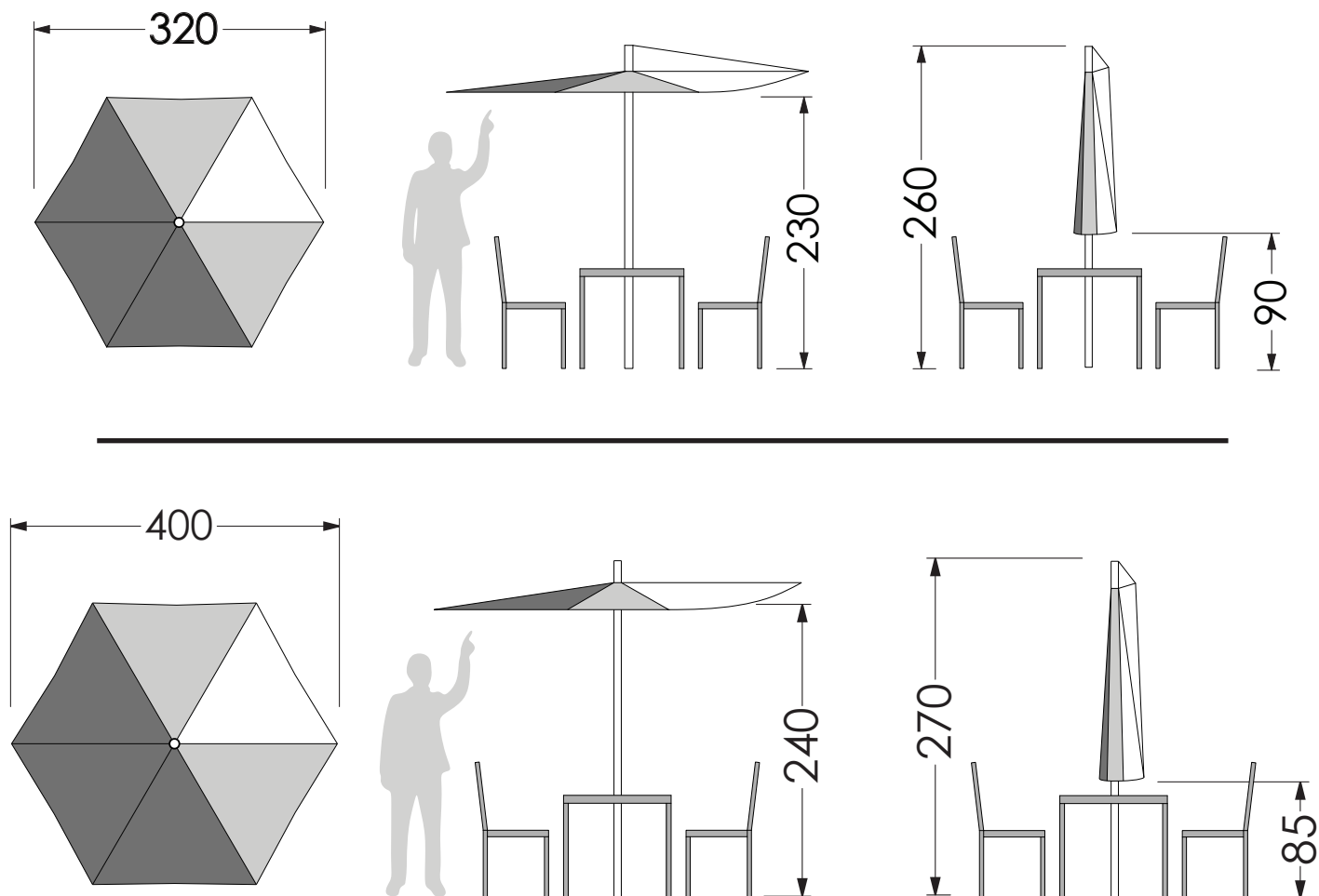
OPTIONAL:

- PVC antifreeze case
- Fabric cover
- Cushions
- Customization of the covers with the name and logo of the company

GOOD TO KNOW

- Customized designs
- Designed and manufactured in Italy
- Proprietary Teknowind patent

MEASUREMENTS:

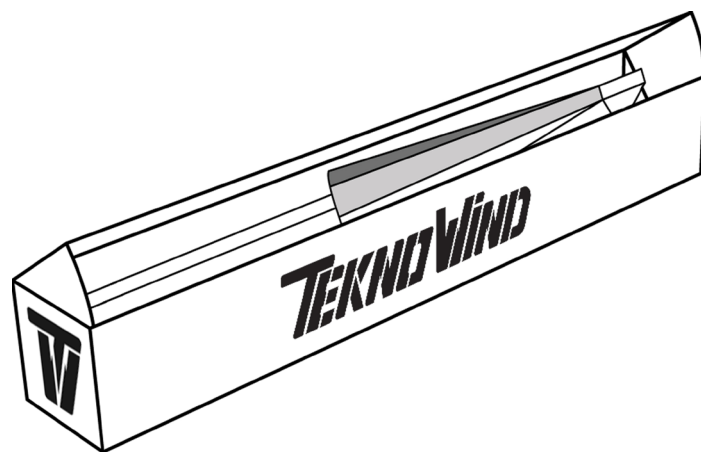


PACKAGING:

On request, the parasol is delivered in a special wooden packaging.

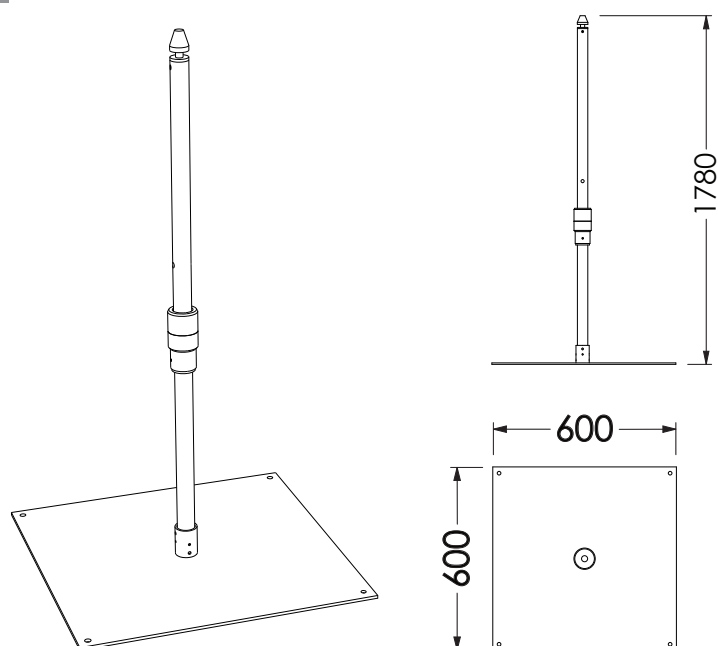
Dimensions: 47 x 47 x 200 Cm
70 x 70 x 60 Cm

Weight 320: 40 Kg
Weight 400: 50 Kg



BASES AND FIXING SYSTEMS:

BOREAS PLATE 60:



60 x 60 cm, 8 mm thick plate, galvanized iron, painted to match the structure.

It is the most versatile base of the collection.

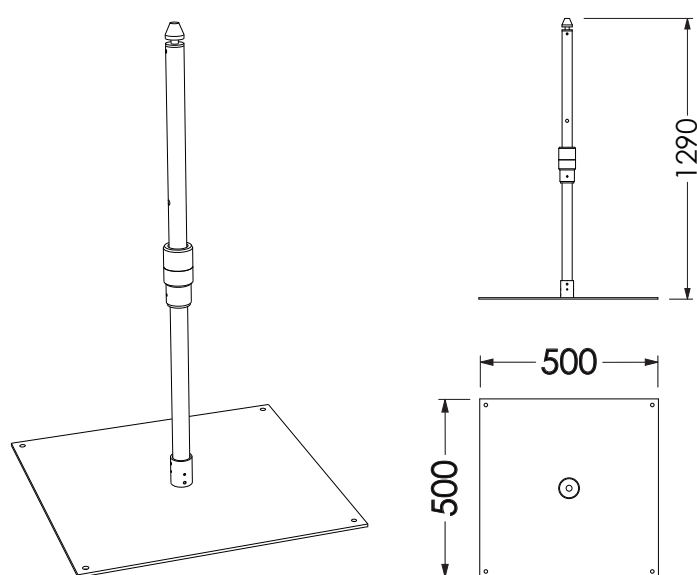
Thanks to the holes in the corners, it can be equipped with non-slip rubber feet, with swivel wheels or can be anchored to the ground.

The customer can choose the type of ballast to be used, between the two proposed options:

- 50 x 50 cm Teknowind tiles
- 40 x 40 cm Grain Tiles

To cover the plate, Teknowind proposes a modular casing of 52 cm high; this can be used as a small table or as a seat thanks to the comfortable cushion.

BOREAS PLATE 50 :



For the Boreas 320 model, Teknowind has developed a 50 x 50 cm plate, painted to match the structure. With this plate, the parasol can withstand winds of up to 70 km/h if anchored to the ground and winds of up to 60 Km/h when using ballasts.

The 50 plate also has holes in the corners for the rubber feet, for the wheels or to be anchored to the ground.

This type of plate is suitable for use with Teknowind 50 x 50 cm tiles.

To cover the plate, Teknowind offers a 42 cm high casing; it can be used as a small table or as a seat thanks to the comfortable cushion.

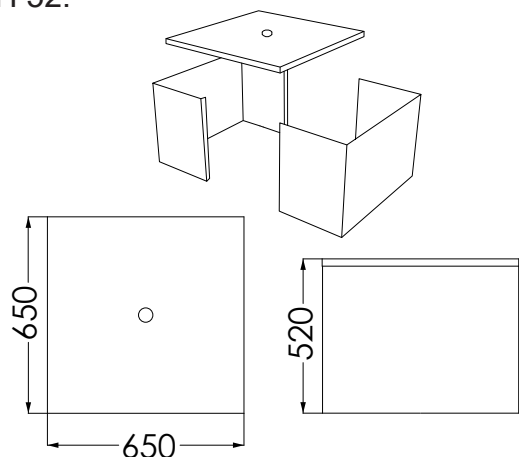
CASING:

For the Boreas plates, Teknowind offers two casings composed of two half-shells and a cover made of press-bent sheet metal. The covers are removable.

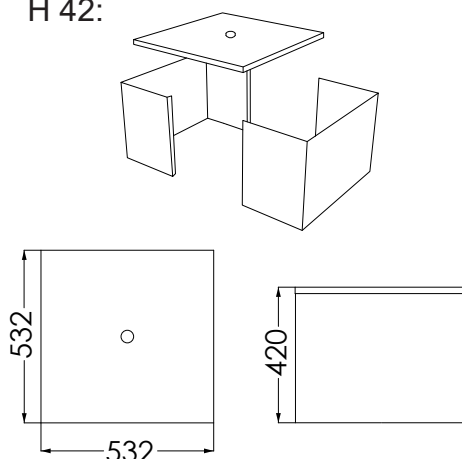
They are 52 cm and 42 cm high respectively; they can be used as shelves or, combined with the cushion, as a comfortable seat.

They are both galvanized and painted to match the structure; thanks to the external treatments they undergo, they are completely weatherproof.

H 52:

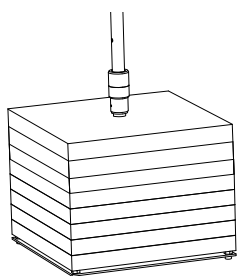


H 42:



FITTINGS FOR STANDARD BASE:

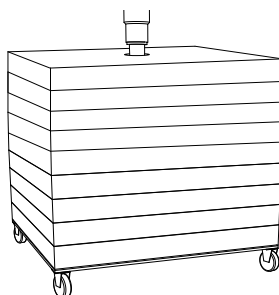
RUBBER FEET:



Non-slip, anti-vibration rubber feet are the ideal solution for positioning the parasol on outdoor grounds, even those that are not perfectly level.

In addition to protecting the ground from scratches, they increase the stability of the parasol in windy conditions. By raising the plate to about 15 mm from the ground, unpleasant water stagnation is avoided.

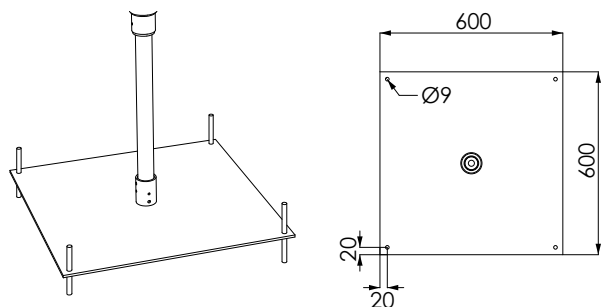
WHEELS:



The standard base can be equipped with braking wheels, practical for moving the parasol without removing the ballast.

The wheels are also suitable for uneven terrain such as outdoor paving stones.

THREADED RODS:



Using the holes in the four corners, the BOREAS plate can be fixed to the ground with threaded rods.

With this type of anchoring, the parasol can withstand winds of up to 80 km/h.

BOREAS PLATE 25:

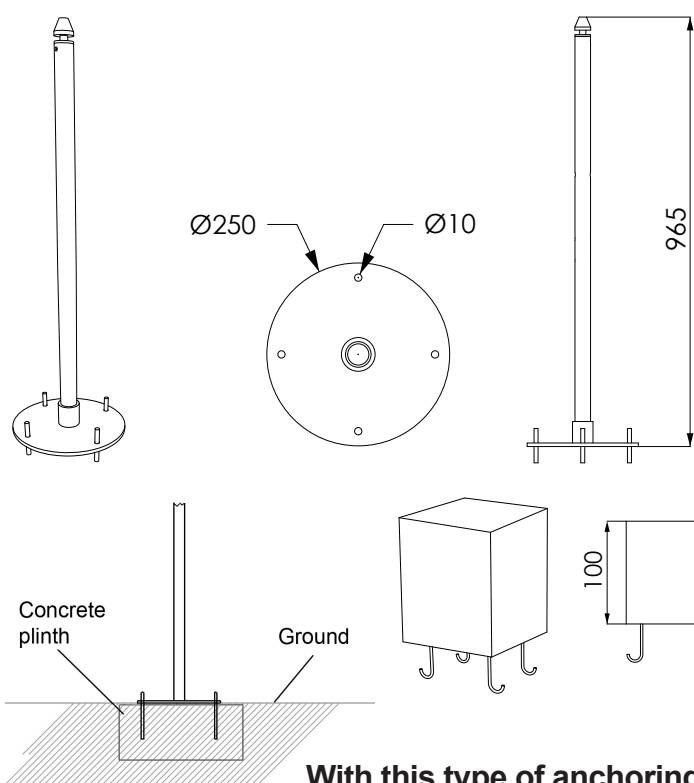
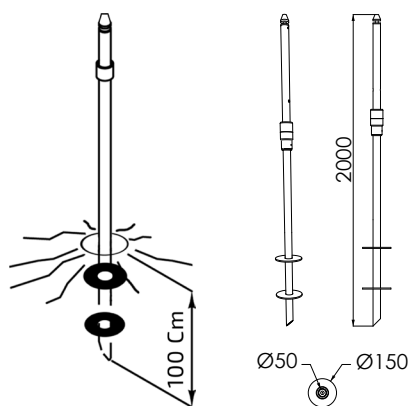


Plate of Ø 250 mm, 8 mm thick, in galvanized iron. Painted to match the structure.
Allows the parasol to be anchored to the ground with M10 threaded rods, thus avoiding the use of ballasts and casings; this system allows for more free space under the canopy.
Thanks to the external treatments it undergoes, it is completely weatherproof.

With the use of a concrete slab, the Boreas 25 plate can also be anchored on soft terrain.
Teknowind recommends that customers should bury the slabs with a minimal size of 50 x 50 x 35 cm. For particularly windy locations, we recommend the use of anchor bolts to secure the slab.

With this type of anchoring, the parasol can withstand winds of up to 80 km/h.

GROUND POLE:



The Teknowind ground pole, which can be used with the 320 model, is designed to be anchored on soft terrain such as lawns and beaches; the end of the tube is cut at a 45° angle for easy insertion into the ground and there are two PVC disks that prevent the pole from slipping off the ground, even in case of strong wind.
It is recommended to bury the pole at a minimum depth of 100 cm.

With this type of anchoring, the parasol resists winds up to 70 km/h.

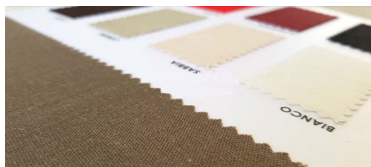
CUSTOMIZATIONS:

We study personalized solutions for anchoring systems and casing.
(Minimum quantities required)



MATERIALS:

CANOPIES:



The canopies are exclusively manufactured from the highest quality fabrics 100% made in Italy.

Experience gained in the parasol sector has determined the choice of fabrics used: Acrilmare® and Acrilgiardino® are made from mass-dyed acrylic fiber and are the best on the market thanks to their absolutely

unique quality and weatherproof properties.

Both textiles are characterized by a high degree of color fastness to ensure that the parasols always look new year after year. Prolonged exposure to ultraviolet rays, iodine and salt water will no longer be a problem.

- 100% DOLAN® paste-dyed acrylic fiber
- Weight: 295 g/sqm
- Maximum UV protection: protects your skin by blocking over 97% of UV rays
- Optimum color resistance to direct light
- Color resistance to rubbing
- Swimming pool water resistance
- Dustproof, stain proof, anti-mould, antibacterial, water and oil repellent treatment
- Highest resistance to traction, laceration and tearing
- 100% Made in Italy



MAINTENANCE:

Avoid extended contact with oily substances and/or dyes that could be absorbed by the fabric and cause permanent stains, as well as deteriorating the structure of the textile. If used in proximity to the sea or swimming pools, periodic washing is recommended.

WASHING:

- Wash at 40°C
- Can be washed with bleach
- Iron at low temperatures

- Do not dry clean
- Can be tumble dried at low temperatures
- Dries quickly



COLORS:



TAUPE



WHITE



SAND



ASH



COFFEE



BLACK



BURGUNDY



RED



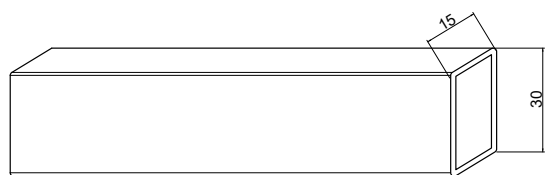
NAVY BLUE



GRAY

Colors may vary slightly. Please refer to the actual fabric before choosing.

SLATS:



The slats and crossbars consist of 15 x 30 mm stainless tubes, 1,5 mm thick, powder coated.

MAINTENANCE:

To keep the product in good condition for a long time, we recommend proper periodic cleaning, especially in locations with high humidity and marine climate. We recommend wiping surfaces with a soft cloth using water or mild detergents. Prolonged and uninterrupted exposure to intense UV radiation or very cold temperatures can affect the properties of the coating. We recommend cleaning the products well and storing them in sheltered places during extended periods of non-use or during winter.

PAINTING:

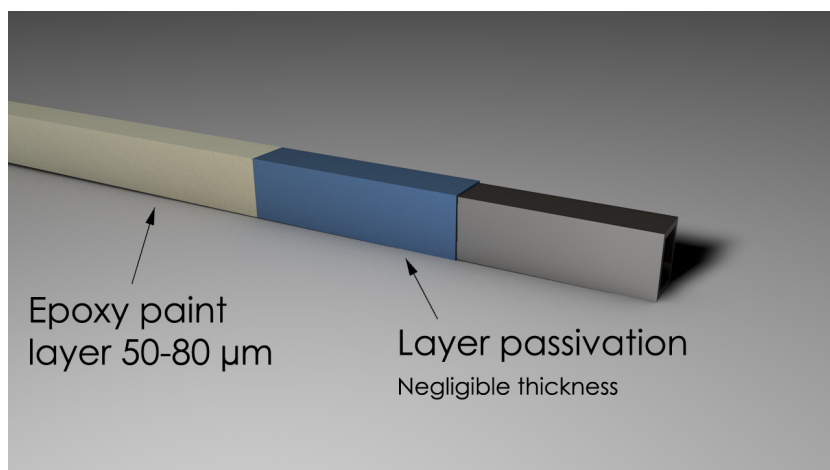
When painting stainless steel, Teknowind relies on experts in the field.

Powder coating is the most suitable treatment for outdoor furniture, as it has significant advantages over traditional liquid coating.

Thanks to the powder coating process, the surface is protected against corrosion and against chemical agents.

The process involves depositing through the action of an electrostatic field, thermosetting resins that are then melted and polymerized in special ovens in order to create a protective/decorative film.

In powder coating, the resins, which do not adhere to the treated surface and are dispersed into the coating environment, are recovered and reused, thus resulting in low pollution.



COLORS:



WHITE



IVORY



INDIAN BROWN



CHARCOAL GRAY



BLACK

Colors may vary slightly. Please refer to the actual painting before choosing.

POST:



The post of the BOREAS parasols consists of a Ø 50 mm, 2 mm thick stainless steel tube. It is powder-coated to match the structure.

MAINTENANCE:

(a) Do not use the following products on stainless steel parts:

- bleach or bleach-containing detergents;
- hydrochloric acid or chloride-containing products.

Use only mild detergent and water

(b) Salt, limescale or acid (coffee, wine, orange juice, tomato juice, lemon, etc.) can discolor stainless steel parts which are not quickly cleaned.

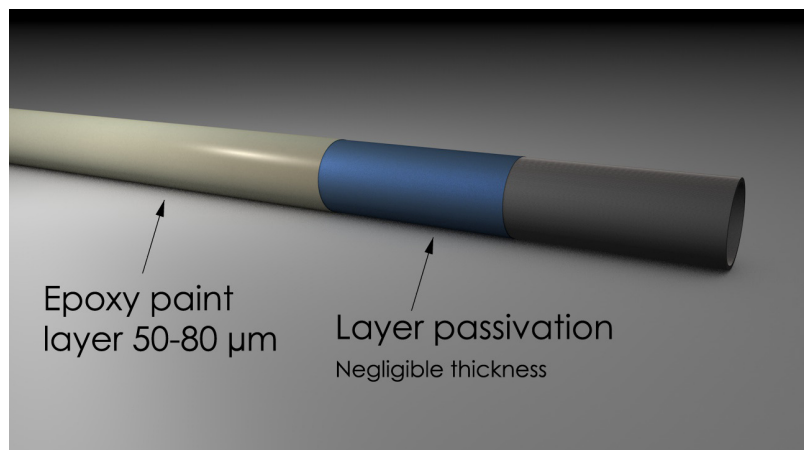
(c) STAINLESS steel parts used by the sea or in swimming pools require more frequent cleaning to remove chloride deposits and prevent corrosion and chemical attack of the outer surface.

(d) Stains which are left for a long time may become permanent on the painted surface.

TREATMENTS:

After a thorough cleaning, the pole is powder-coated. The process consists of depositing, through the effect of an electrostatic field, thermosetting resins which are then melted and polymerized in special ovens in order to create a protective/decorative film.

In powder coating, the resins, which do not adhere to the treated surface and are dispersed into the coating environment, are recovered and reused, thus resulting in low pollution.



COLORS:



WHITE



IVORY



INDIAN BROWN



CHARCOAL GRAY



BLACK

Colors may vary slightly. Please refer to the actual painting before choosing.

BASE PLATE AND CASING:



The bases, the plates equipped with the plug tube, and the casings are entirely made of steel.

MAINTENANCE:

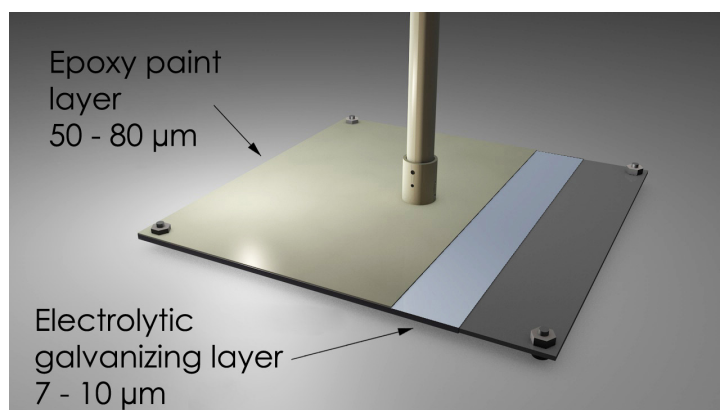
To maintain the product in good condition for a long time, we recommend storing it during periods of non-use in enclosed, dry places in order to avoid the formation of condensation. Every three months, we recommend cleaning the metal surfaces with a soft cloth using water or detergents.

TREATMENTS:

All steel parts, prior to painting, are electrolytically galvanized to protect them from zinc corrosion (rust).

The material, before treatment, is pre-greased, pickled (stripped) and degreased. Immediately afterwards, the objects are immersed in an electrolytic solution containing zinc salts.

Finally, an electrical current is created between the workpiece and the solution, which causes the metallic zinc to be deposited on the surface of the workpiece.



Once the protective treatment of the steel is completed, the various components are powder-coated. The process involves depositing, through the action of an electrostatic field, thermosetting resins which are then melted and polymerized in special ovens in order to create a protective/decorative film. In powder coating, the resins, which do not adhere to the treated surface and are dispersed into the coating environment, are recovered and reused, thus resulting in low pollution.

COLORS:



WHITE



IVORY



INDIAN BROWN



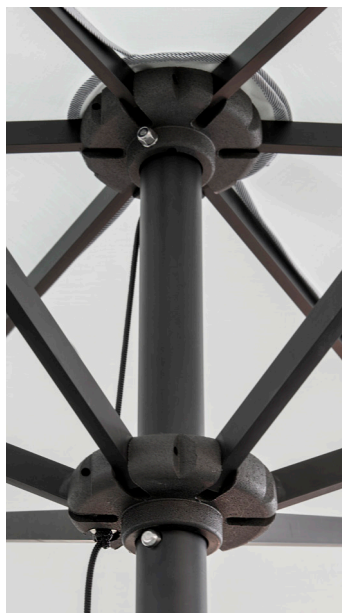
CHARCOAL GRAY



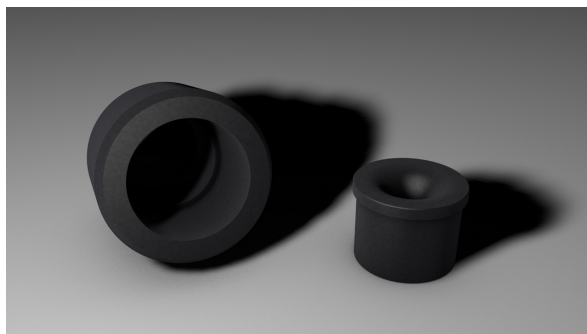
BLACK

Colors may vary slightly. Please refer to the actual painting before choosing.

PLASTICS:



All plastic parts used in Boreas models, including the hubs, are made of black, high-density polyethylene. Polyethylene (HDPE) is a popular material; it possesses high resistance to chemicals and is resistant to water, saline solutions, acids, alkalis, alcohol and gasoline. Due to its resistance to temperatures ranging from - 40°C to + 80°C, UV rays and atmospheric and weather agents, HDPE is perfect for items that are constantly used outdoors. In addition, it has excellent shock resistance, and is extremely lightweight.



MAINTENANCE:

Polyethylene requires no specific treatment. As for cleaning, simply use water and a mild detergent. Do not use solvents or solvent-based cleaners (avoid acetone). If necessary, allow the detergent to work for a few minutes. Rinse thoroughly with water.

ASSEMBLY:

Contents

1. Plug tube
2. Base plate (cf p. 5 "bases and fixing systems")
3. Casing
4. Shade structure
5. 50 x 50 cm Teknowind tiles

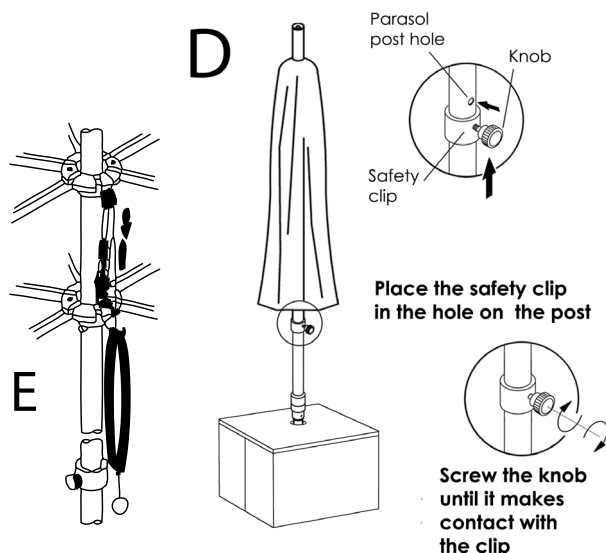
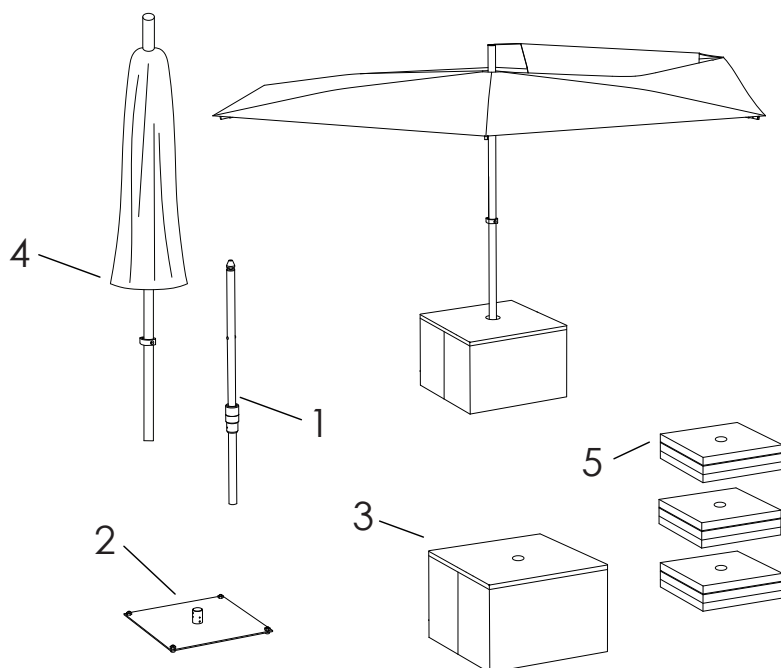
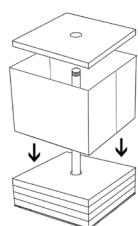
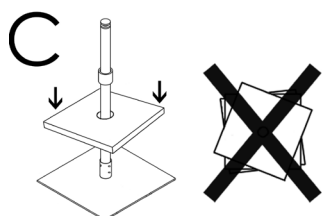
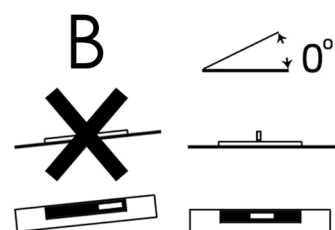
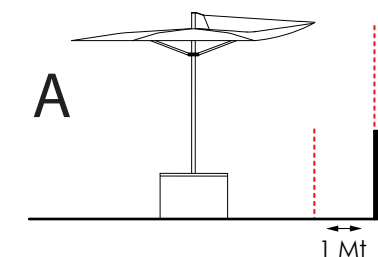
Locate a suitable and safe place to place the parasol. Never place the parasol near open flames. If the parasol is placed on a terrace, make sure that when it is opened the canopy does not protrude from the railing but is at least one meter away from it (A).

The ground must be suitable for the type of base (1) or fixing chosen (see the list of "bases and fixing systems" on p. 5) and must allow it to be laid flat (B); once the suitable place for the parasol is found, attach the plug tube to the plate with the provided hardware and proceed to positioning and/or possibly anchoring the base.

If provided, place the ballast (2) on the base; be sure to properly ballast the parasol and comply with the indicated loads (200 kg for Mod. 320; 300 kg for Mod. 400); stack the tiles correctly otherwise the casing (3) cannot be used (C).

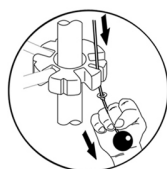
Place the protective casing (3) on top of the ballast. Insert the tube of the shade structure (4) into the plug tube (1) and screw the knob located on the pole (D).

Now your Teknowind Boreas parasol is ready to be opened; the manual opening/closing system with double pulley makes it very easy to open your parasol.

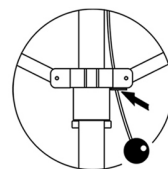


E

Remember that once the parasol is opened, to activate the windproof system, you need to pull the sail drawstring.



Pull down the drawstring to activate the patented Teknowind windproof system.

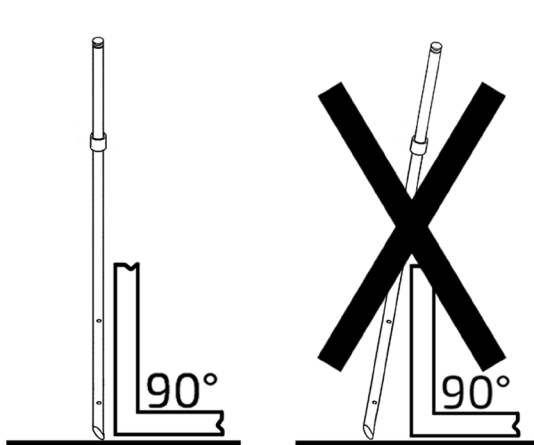


Lock the drawstring into position by inserting the ring into the appropriate slot.

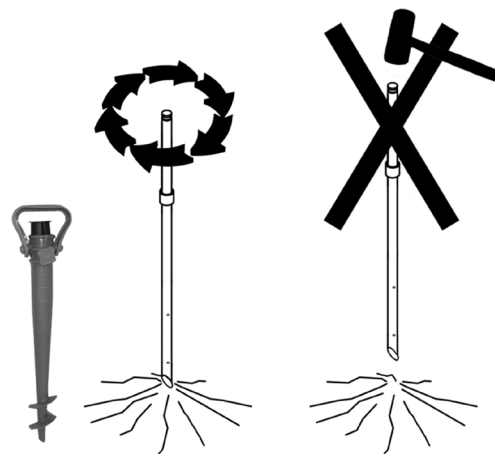
INSTRUCTIONS FOR USING THE GROUND POLE (ONLY FOR MOD. 320):

When using the parasol on beaches, TEKNOVIND S.R.L. has designed a specific pole that can be used with the BOREAS 320 model. Do not use Boreas plates on beaches.

We have distinguished daily use of the parasol (i.e. when stored after use), from seasonal use (e.g. fully equipped beach where they are set in the ground for the duration of the bathing season).



Position the pole on the ground perpendicular to the surface of the ground.

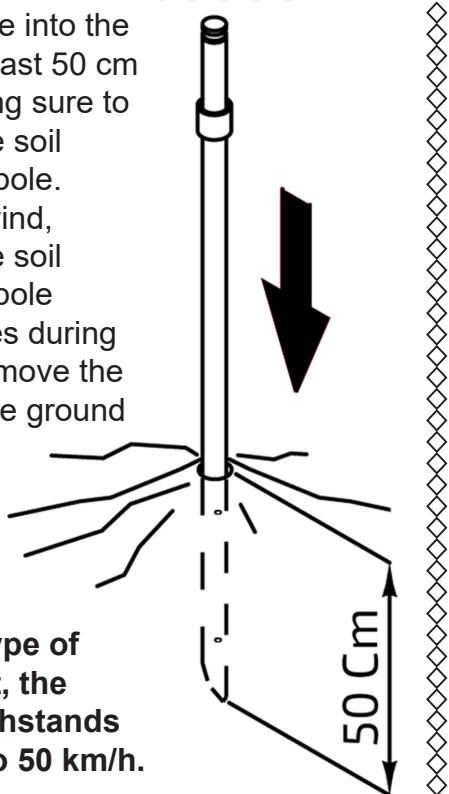


Do not use hammers, carpenter's mallets or the like, they may cause the plastic mushroom to break or the aluminum pole to bulge.

To insert the pole into the ground, the use of a manual drill (auger) is recommended. Rotate the pole as you insert it into the ground.

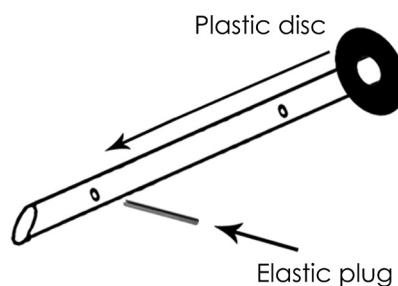
DAILY USE

Sink the pole into the ground at least 50 cm deep, making sure to compact the soil around the pole. In case of wind, compact the soil around the pole several times during the day. Remove the pole from the ground after use.



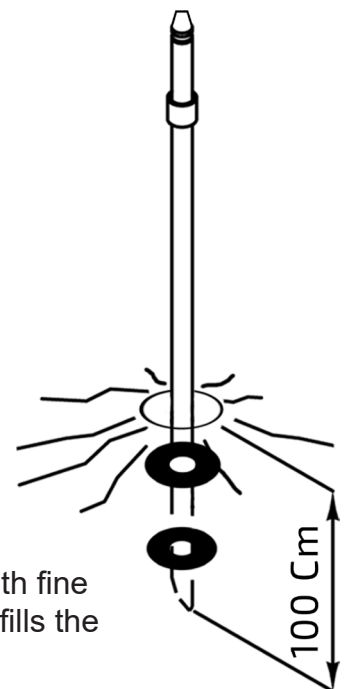
With this type of attachment, the parasol withstands winds up to 50 km/h.

SEASONAL USE



Insert an elastic plug into the indicated hole, insert the first plastic disc; repeat the same operation on the other hole and insert the second disc.

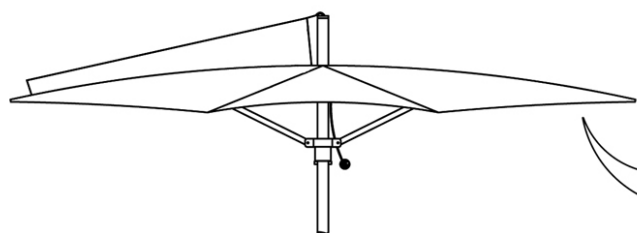
Insert the pole into the cavity created in the ground and stabilize it by filling the cavity with fine sand, taking care that the sand fills the space between the two discs.



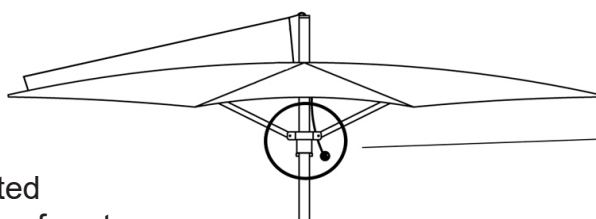
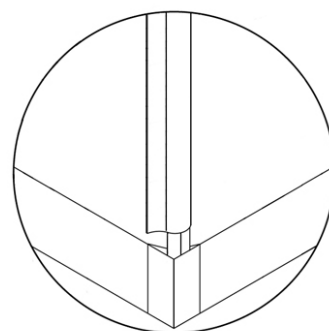
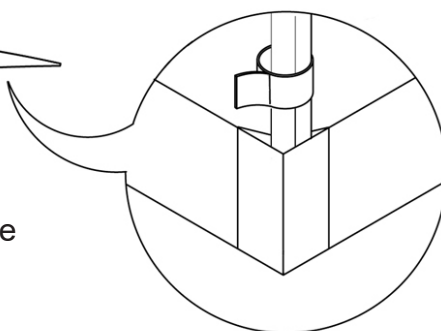
With this type of fixing, the parasol withstands winds of up to 70 Km/h.

Do not use the ground pole with the 400 BOREAS model.

INSTRUCTIONS FOR DISASSEMBLING THE CANOPY:

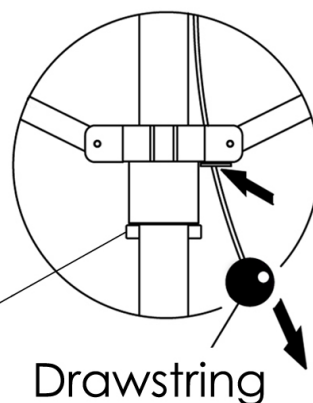


Detach the Velcro straps present along the slats of the spans.

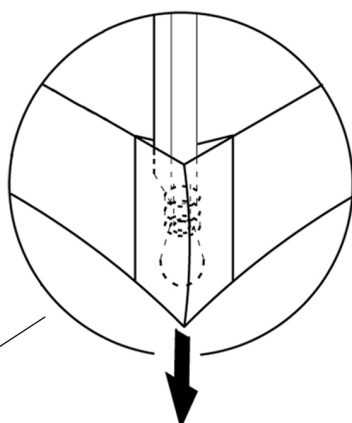
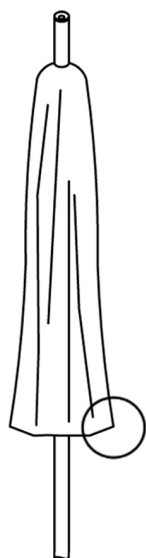


Deactivate the patented TEKNOWIND windproof system by releasing the drawstring and close the parasol by pressing the appropriate buttons.

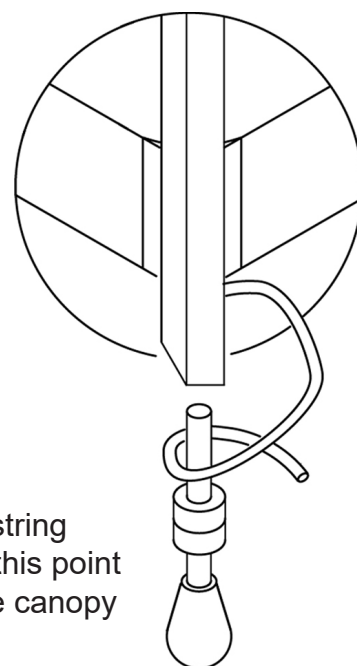
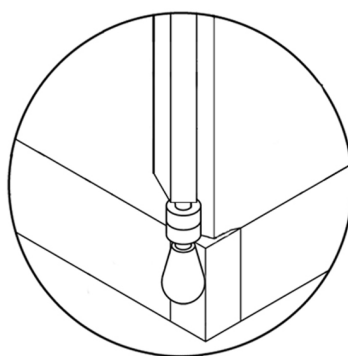
Closing buttons



Drawstring



Pull the corners of the canopy down and pull the frame tips out of the holding pockets of the canopy.



Untie the knot in the drawstring found on the sail span; at this point it is possible to remove the canopy from the structure.

WARNINGS:

Before starting the opening procedure, make sure that the canopy of the parasol is not caught in the inner slats. To open or close parasols raise or lower the hub manually: improper handling can break the mechanism.

If the model has been equipped with pulley's opening system, never force the ropes, if there is a blockage, ascertain its origin and then remove the possible cause.

100% DOLAN® paste-dyed acrylic fiber: for washing and maintenance see directions in the "CANOPY" system. During the winter season it is recommended that the canopy be removed from the structure and stored completely dry.

Mechanical parts: treat with Vaseline oil once each year before winter. Close the parasols during bad weather conditions such as wind over 80 km/h, heavy rain, hail or snow.

Teknowind parasols are equipped with specific bases that allow them to be anchored. If you choose to position them only by ballast you certify their suitability for normal use in wind conditions not exceeding 70 Km/h.

The fixing stage of the parasol and its handling are the sole responsibility of the customer unless specifically requested during the purchasing process.

WARRANTY:

Products in the Teknowind line are warranted for two years against structural defects not due to misuse or lack of maintenance and against invasive oxidation not resulting from scratches or abrasions from use and not removable by normal cleaning and maintenance.

Small irregularities on the surface of the product are characteristic of the particular painting technique used and in no way affect the inherent protective quality of the product itself. Should you intend to make use of the warranty, you must present the defective item and the purchase invoice to the retailer. Teknowind s.r.l. disclaims all liability for damage caused to property or persons resulting from improper use of the product.

CONTACTS:

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