

Strength

Tested to
Wind Force 11

High tensile PVC
canopy

stainless steel frame

waterproof and fire
retardant



Tornado

High tensile parasol for harsh environments. Stainless steel frame with high tension PVC canopy. Ideal for use in exposed positions. The Tornado will out perform all awnings and standard commercial parasols.

Construction

Frame manufactured from 304 stainless steel (316 available for special projects), reinforced with a sealed steel central core. Canopy of white Ferrari PVC (other colours available for special projects), fire retardant.

Sizes

Available in 2.8m x 2.8m Square and 4.2m x 4.2m Square.

Wind Testing

The 4.2m Square has been tested to 115km/h, giving the tornado a massive FORCE 11 wind rating

Installation

The Tornado should only be installed into the supplied ground tube, fitted into suitable concrete footings. The parasol is then later fitted into the ground tube and secured with 6 high tensile steel bolts.

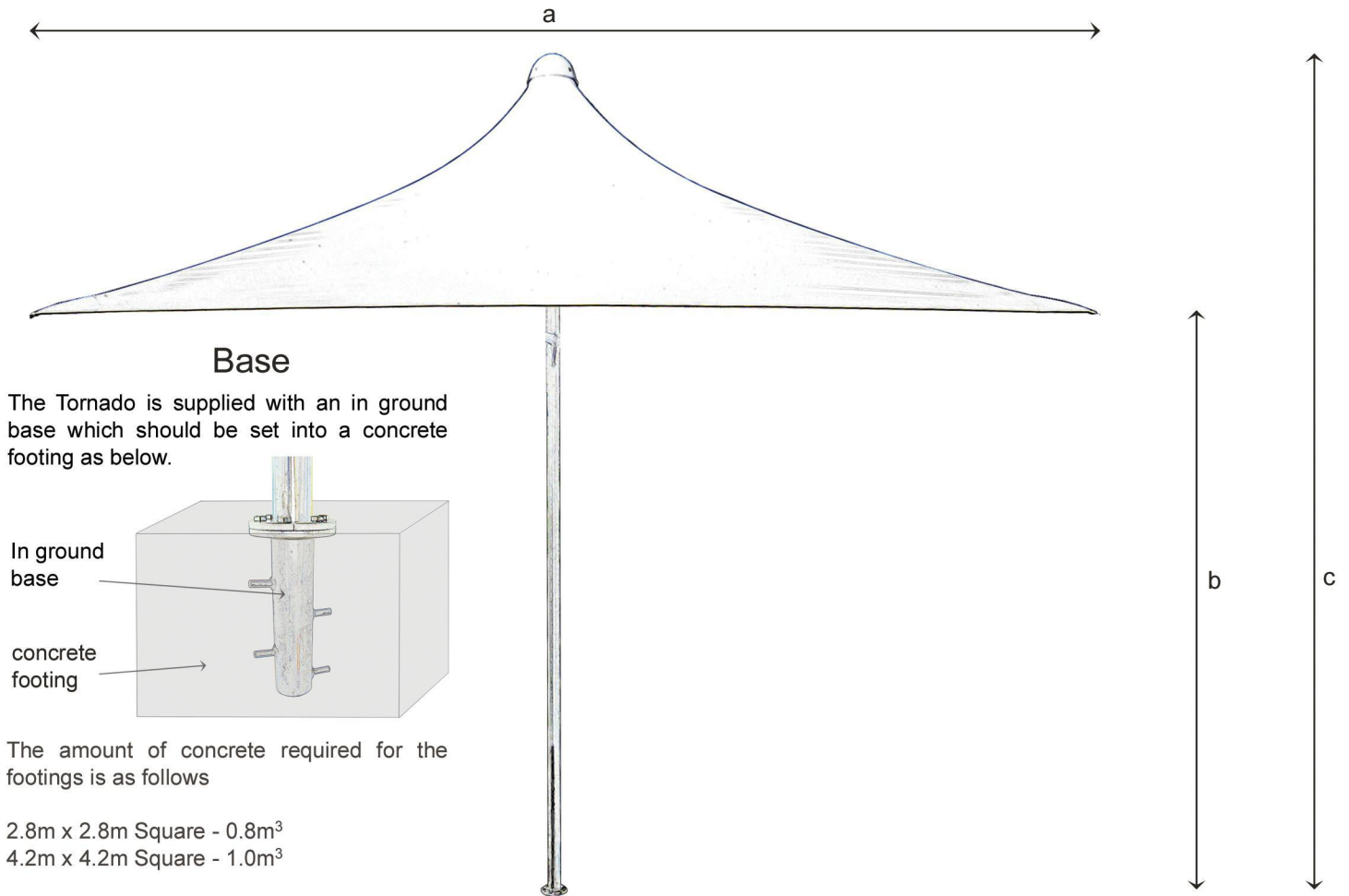
Heating and lighting

It is possible to fit heating and lighting to the Tornado, this should be done by a qualified electrician on site at the time of installation

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Tradewinds Tornado - Dimensions and Specifications



size (a)	shape	pole diameter	head clearance (b)	total height (c)	shade area
2.8m x 2.8m	Square	63mm	2057mm	2990mm	7.84m ²
4.2m x 4.2m	Square	76mm	2340mm	3490mm	17.64m ²

Colour Options

	White Ref. 402-8104		Cream RAL 1015 Ref. 402-1076
	Grey RAL 7040 Ref. 402-1072		Green RAL 6026 Ref. 402-1055
	Yellow RAL 1021 Ref. 402-1060		Blue RAL 5010 Ref. 402-1052
	Red RAL 3002 Ref. 402-1065		

Fabric Specifications

TECHNICAL CHARACTERISTICS	PRÉCONTRAIN [®] 402	TERSUISSE
YARN	1100 dtex PES HT	
WEIGHT	490 g/sqm	EN ISO 2286-2
WIDTH	270 cm	
TENSILE STRENGTH (WARP/WEFT)	250/250 daN/5 cm	EN ISO 1421
TEAR STRENGTH (WARP/WEFT)	20/20 daN	DIN 53.363
ADHESION	8 daN/5 cm	EN ISO 2411
FINISH	VARNISHED BOTH SIDES	
FLAME RETARDANCY	M2/NFP 92.503 - M2/UNE 23.727.90 B1/DIN 4102 - BS 7837 - SN 198.898	
EXTREME WORKING TEMPERATURES	-30°C/+70°C	
QUALITY MANAGEMENT SYSTEM	ISO 9000	

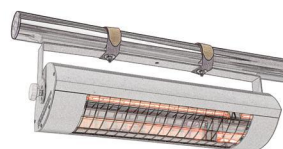
Printing

Printing is available on all Tornado Parasols. Provide us with an .eps file of your company logo and we'll do a free electronic storyboard for you, illustrating how your brand will look on a Tradewinds Tornado

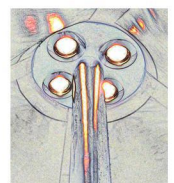


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Heat



Light



Lighting can be fitted into the apex of the of the Tornado, using ceiling lights with standard GU10 bulbs. These can be changed to LED and colored LED bulbs to add effect.

Heaters can be added to the supporting arms to create a warm well lit environment all year round.

All cables can be run through the center of the main pole of the Tornado.