



# INTRODUCING VORTEX

**Designed for today's demanding environment and engineered to withstand high winds and driving rain over sustained periods of time, Vortex parasols are the ultimate shade and shelter for commercial premises.**

12 years' experience of delivering high quality shade solutions led to the creation of Vortex parasols, providing strength and durability beyond traditional jumbo parasols.

Vortex can be used all year round, even in the harshest conditions.

Vortex has strength and elegance borne out of simplicity in both form and function.

Vortex is designed and manufactured in the UK to standards only dreamed of before.



**Highly durable parasols, designed for year round shade and shelter.**

**Strong enough to be left open, easy enough to close if required.**

**Made in Great Britain**



#### **Sizes**

2.8m square  
4.2m square

#### **Frame**

Precision engineered in 304 or 316 grade stainless steel.

#### **Canopy**

High tension canopy in Ferrari 502 PVC. Fire retardant and fully waterproof. Available in 40 colours. Recyclable.

#### **Installation**

Inground base, deck mount or freestanding base options, for installation almost anywhere.

#### **Options**

Heating, lighting, guttering and sidesheets can be added to create year round comfort.

#### **Printing**

The perfect platform for high visibility branding.





# SURVIVING THE ELEMENTS

**Designed to provide year round shade and shelter, Vortex parasols are proven to stay up and open far longer than any conventional parasol or awning on the market today.**

Launched in the UK in 2009 and subsequently installed in the US, Caribbean, Scandanavia, mainland Europe and India, Vortex parasols have a proven track record.

Installed throughout the UK from the Channel Islands to the North West coast of Scotland, Vortex parasols have withstood force 11 winds, snow and torrential rain.

If you want a parasol built without compromise, you will need a Vortex.

It's elementary!



# COMMERCIAL SENSE

**Built to meet commercial requirements, Vortex is a 'put up and forget' solution. Strong enough to be left up and open all year round, easy to close and easy to remove, should it be required.**

Vortex will provide shelter from the elements in the winter months and protection from the sun's harmful UV rays in the summer.

With the addition of lighting and electric infrared heating, Vortex becomes the perfect year round solution for alfresco dining.

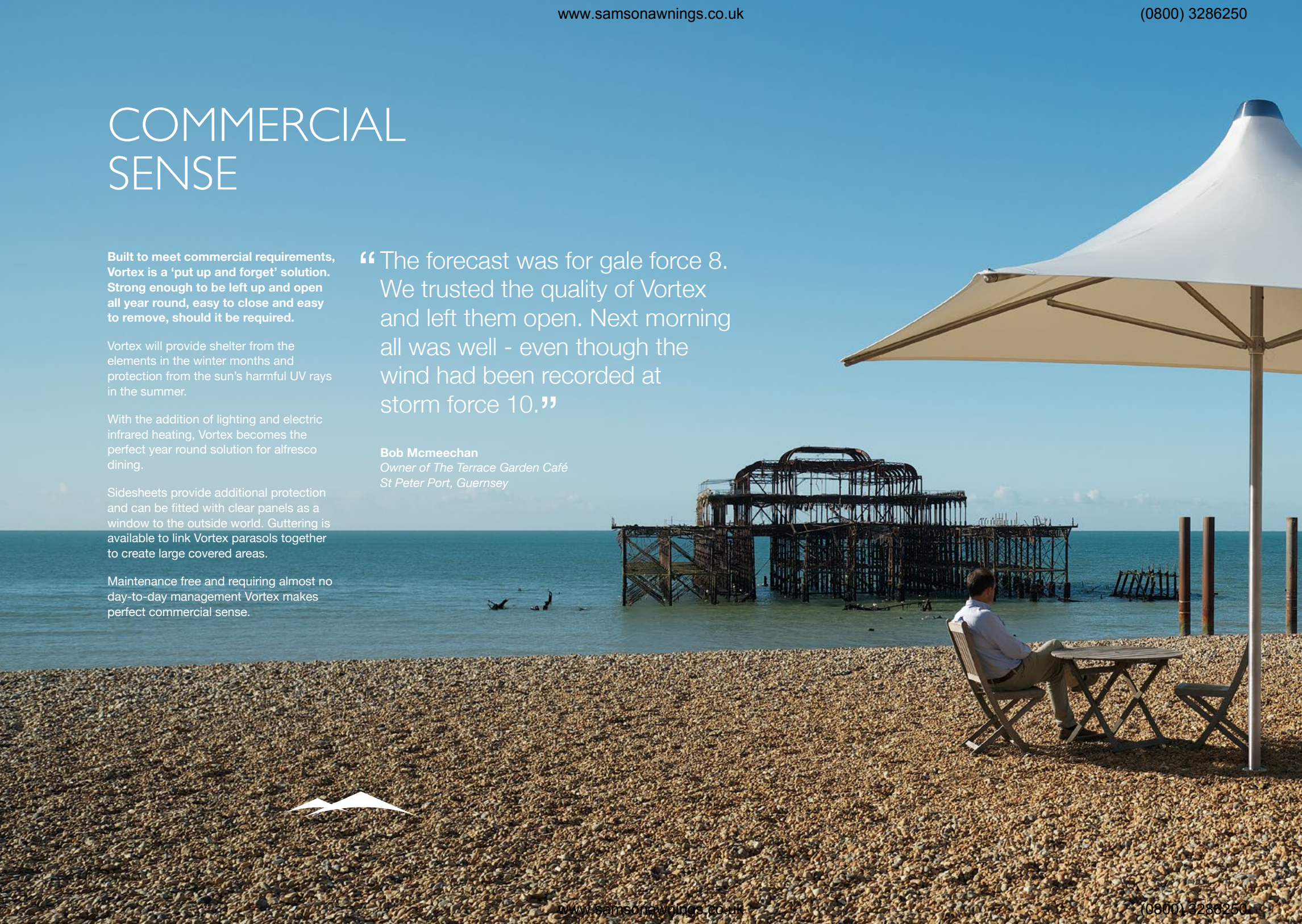
Sidesheets provide additional protection and can be fitted with clear panels as a window to the outside world. Guttering is available to link Vortex parasols together to create large covered areas.

Maintenance free and requiring almost no day-to-day management Vortex makes perfect commercial sense.

“The forecast was for gale force 8. We trusted the quality of Vortex and left them open. Next morning all was well - even though the wind had been recorded at storm force 10.”

**Bob McMeechan**

*Owner of The Terrace Garden Café  
St Peter Port, Guernsey*



# MATERIAL ADVANTAGE

**Vortex parasols are a venture into an area where few manufacturers dare to tread. High strength, high tensile parasols require a careful blend of materials and engineering to create the perfect product.**

The frames are available in either 304 or 316 grade stainless steel, selected for its strength, durability and resistance to tarnishing. All fittings are also stainless steel, making Vortex parasols 100% recyclable.

The canopy is manufactured from Ferrari Précontraint @ 502 PVC, the world's leading material for tension membrane structures. Chosen for its dimensional

stability it also forms a fully waterproof canopy with high UV resistance and fire retardancy.

Installation is possible almost anywhere. Inground bases provide a permanent fixing and are the best method of installation. Recognising that this is not always possible, there are also options available to bolt Vortex parasols down to existing solid foundations, fit them to existing parasol bases or install them on freestanding bases.

# DETAIL MATTERS

**Vortex has been designed to make the installation of heating and lighting as easy as possible. There are endless possible combinations available featuring heaters, lights, speakers, TV screens and cooling systems.**

A highly efficient heat and light package has been developed in conjunction with Solamagic, one of Europe's leading outdoor heater manufacturers.

A custom made hub system, specially designed for Vortex can be easily fitted on site. This allows easy connection of 4 heaters with the minimum of fuss.

Solamagic pole mounted lights with 4 directional spots provide an easy to fit lighting kit. These can be fitted with standard 50W halogen bulbs or with LED's. An optional remote control can be fitted.

The standard heaters are 1.5kW Solamagic electric infrared heaters with an integrated switch for individual control, ensuring they are easy to turn off if not required.

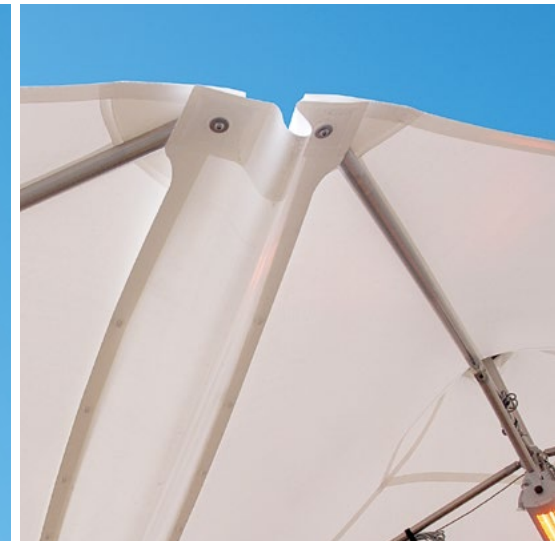
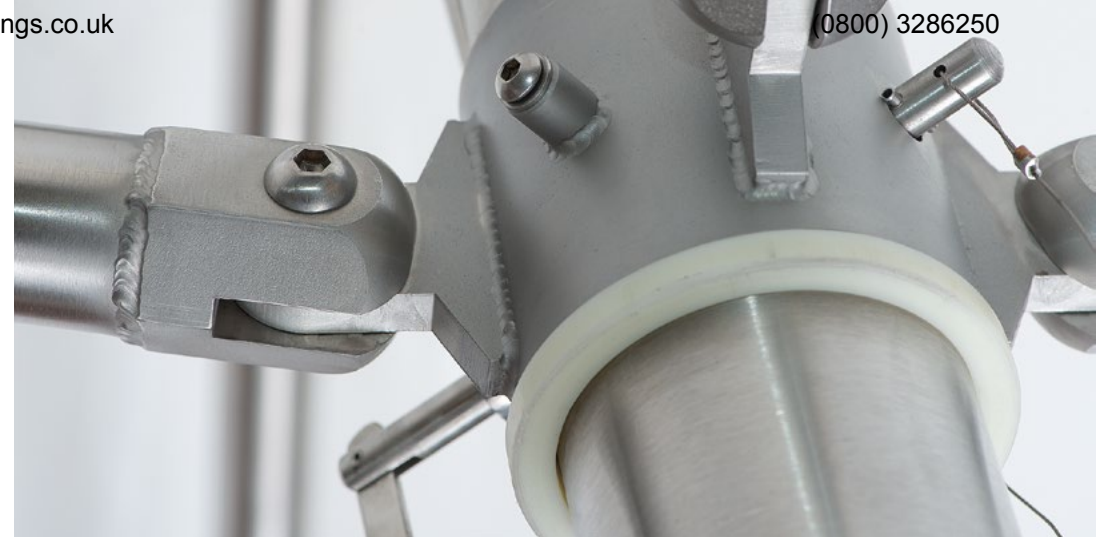
Options for heaters with built in remote control are also available.



Floor mounted base



Inground base

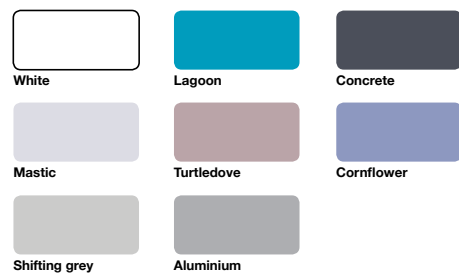


# TO SUIT YOUR STYLE

## COLOURS



## EMERGING COLOURS



### Canopy colour

With 40 colours available, Vortex can be specified to create an eye-catching splash of colour, complement an existing theme, or blend into the background.

Ferrari 502 PVC is durable and long lasting. It is easy to clean and carries a 5 year limited warranty to ensure years of dependable service.

Please note that the colours shown on this page offer only an approximation of their actual real-life counterparts, as the printing process for this brochure cannot accurately reproduce some colour values.

## DESIGN ILLUSION



## EVOLVING WITH TIME



### Advertising

Designed for year round use, Vortex parasols provide the perfect platform for high visibility advertising.

A digital mock up service is available to help maximise the impact for your brand.

## BODY LANGUAGE



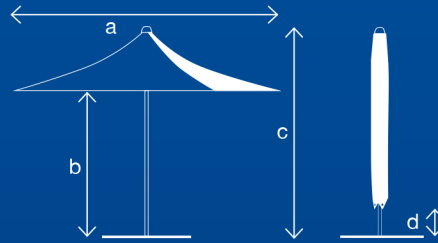
## MAYHEM



### Printing

Canopies can be screen printed with permanent logos. Temporary branding can be applied for specific events or campaigns.





## SIZES AND DIMENSIONS

Size (a)	Shape	Mast diameter	Head clearance (b)	Total height (c)	Closed clearance (d)	Surface area
4.2m	Square	76mm	2270mm	3800mm	410mm	17.6m <sup>2</sup>
2.8m	Square	76mm	2100mm	3200mm	1050mm	7.8m <sup>2</sup>

## FABRIC SPECIFICATION

Ferrari PVC fabric

Technical properties	Précontraint® 502	Standards
Yarn	1100 dtex PES HT	
Weight	590 g/sqm	EN ISO 2286-2
Width	180 cm	
Tensile strength (warp/weft)	250/250 daN/ 5 cm	EN ISO 1421
Tear strength (warp/weft)	25/20 daN	DIN 53.363
Adhesion	9/9 daN/ 5 cm	EN ISO 2411
Finish	Varnish both sides	
Flame retardancy Rating	<b>M2/NFP 92-507</b> • <b>B1/DIN 4102-1</b> • <b>BS 7837</b> • <b>1530.3-AS/NZS</b> • <b>SP METHOD 2205</b> • <b>M2/UNE 23.727-90</b> <b>VKF 5,3/SN 198898</b> • <b>Schwerbrennbar Q1-Tr1/ONORM A 3800</b> • <b>CLASSE 1/UNI 9177-87</b> <b>METHOD 1/NFPA 701</b> • <b>CSFM T19</b> • <b>CLASS A/ASTM E84</b> • <b>G1/GOST 30244-94</b> • <b>CAN/ULCS109</b>	
Euroclass	<b>B-s2,d0</b>	EN 13501-1
Quality management system		ISO 9001