



 breezefree



Pagodas

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Pagodas



Introduction

Breezefree's pagodas are tensile roof structures that combine cutting-edge materials with the more traditional styling of a marquee or gazebo. Modular in nature, their endless configurations make them suitable for large and small areas alike.

- The pagoda's inclined roof can withstand whatever the weather throws at it.
- Optional integrated guttering for full weatherproofing.
- Temporary or permanent ground fixing options.
- Roofs are made of PVC; variants include mesh, translucent, blackout and textured.
- Steel or wooden pagoda frames available in a wide range of colours.



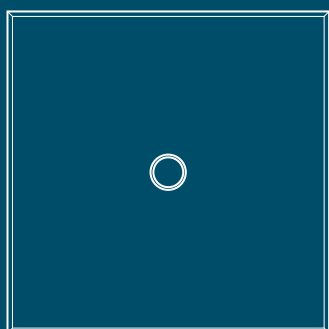
Details

- 10 year aluminium and steel frame manufacturers guarantee.
- 5 year timber frame manufacturers guarantee.
- Canopy manufacturers guarantee up to 10 years.
- Heavy contract, weather resistant up to Hurricane Force 12.
- Snow loading up to 50kg/m².
- Medium contract, weather resistant up to Gale Force 9.
- Free-standing or wall fixed, latter with front support posts.
- Units can be coupled together to increase coverage.
- Integrated guttering options, with surface water run-off contained within the support posts.





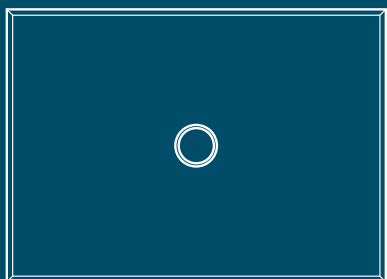
Sizes & Specifications



| Contract Type | Size (cm) | Headroom (A) (cm) | Crown Height (B) (cm) | Weight (kg) | Intergrated Drainage |
|---------------|-------------|-------------------|-----------------------|-------------|----------------------|
| Medium | 300 x 300 | 220 | 345 | 125 | No |
| Medium | 400 x 400 | 220 | 375 | 155 | No |
| Medium | 490 x 490 | 220 | 400 | 180 | No |
| Medium | 600 x 600 | 220 | 425 | 210 | No |
| Medium | 300 x 300 | 220 | 350 | 178 | Yes |
| Medium | 400 x 400 | 220 | 380 | 210 | Yes |
| Medium | 500 x 500 | 220 | 400 | 244 | Yes |
| Medium | 600 x 600 | 220 | 425 | 280 | Yes |
| Heavy | 500 x 500 | 250 | 420 | 430 | Yes |
| Heavy | 600 x 600 | 250 | 430 | 480 | Yes |
| Heavy | 700 x 700 | 250 | 440 | 530 | Yes |
| Heavy | 800 x 800 | 300 | 545 | 1130 | Yes |
| Heavy | 900 x 900 | 300 | 580 | 1230 | Yes |
| Heavy | 1000 x 1000 | 300 | 610 | 1330 | Yes |
| Heavy | 1100 x 1100 | 300 | 620 | 1430 | Yes |
| Heavy | 1200 x 1200 | 300 | 630 | 1530 | Yes |
| Heavy | 1300 x 1300 | 300 | 640 | 1630 | Heavy |
| Heavy | 1400 x 1400 | 300 | 655 | 1730 | Heavy |
| Heavy | 1500 x 1500 | 300 | 670 | 1830 | Heavy |



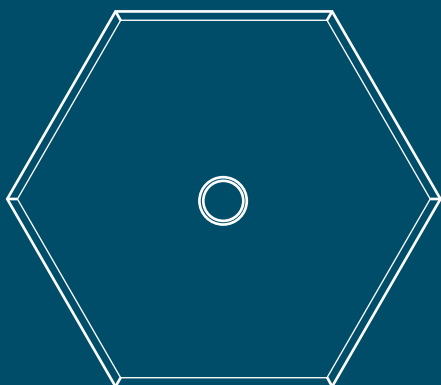
Sizes & Specifications



| Contract Type | Size (cm) | Headroom (A) (cm) | Crown Height (B) (cm) | Weight (kg) | Intergrated Drainage |
|---------------|-----------|-------------------|-----------------------|-------------|----------------------|
| Medium | 300 x 400 | 220 | 370 | 140 | No |
| Medium | 300 x 490 | 220 | 380 | 155 | No |
| Medium | 300 x 600 | 220 | 387 | 170 | No |
| Medium | 400 x 490 | 220 | 395 | 170 | No |
| Medium | 400 x 600 | 220 | 403 | 190 | No |
| Medium | 490 x 600 | 220 | 415 | 207 | No |
| Medium | 300 x 400 | 220 | 375 | 195 | Yes |
| Medium | 300 x 500 | 220 | 385 | 215 | Yes |
| Medium | 300 x 600 | 220 | 390 | 230 | Yes |
| Medium | 400 x 500 | 220 | 395 | 230 | Yes |
| Medium | 400 x 600 | 220 | 405 | 247 | Yes |
| Medium | 500 x 600 | 220 | 410 | 260 | Yes |
| Heavy | 550 x 750 | 250 | 440 | 520 | Yes |

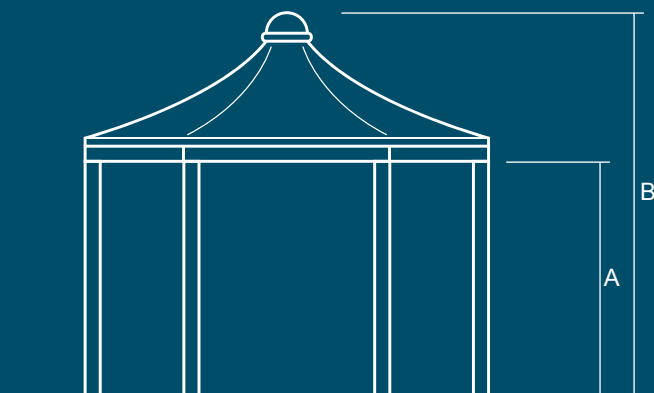


Sizes & Specifications



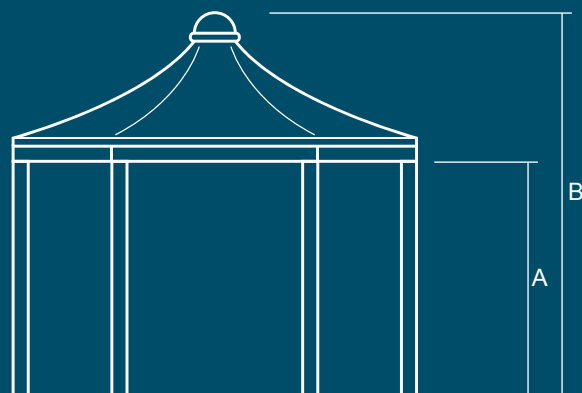
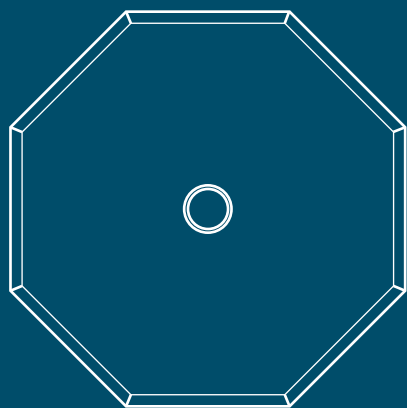
| Contract Type | Size (cm) | Headroom (A) (cm) | Crown Height (B) (cm) | Weight (kg) | Footprint (Sqm) | Intergrated Drainage |
|---------------|-------------|-------------------|-----------------------|-------------|--------------------|----------------------|
| Heavy | 519 dia Hex | 230 | 400 | 390 | 23.4m ² | No |
| Heavy | 693 dia Hex | 230 | 450 | 470 | 41.5m ² | No |
| Heavy | 866 dia Hex | 230 | 500 | 560 | 65m ² | No |

*The sides of the Hexagonal (Hex) & Octagonal (Oct) models made up with abutted sides of 3m, 4m or 5m faces.
 Hexagonal models - 519cm diameter have 6 nr 3m faces, 693cm dia have 6 nr 4m faces and 866cm dia have 6 nr 5m faces.
 Octagonal models - 724cm dia have 8 nr 3m faces and 965cm dia have 8 nr 4m faces.
 Medium and Heavy Contract models are available in 1cm incremental sizes from the aforementioned square and rectangular sizes.
 Not applicable to the octagonal and hexagonal sizes.





Sizes & Specifications



| Contract Type | Size (cm) | Headroom (A) (cm) | Crown Height (B) (cm) | Weight (kg) | Footprint (Sqm) | Intergrated Drainage |
|---------------|-----------|-------------------|-----------------------|-------------|---------------------|----------------------|
| Heavy | 724Ø Oct | 230 | 420 | 512 | 43.45m ² | No |
| Heavy | 965Ø Oct | 230 | 500 | 630 | 77.55m ² | No |

*The sides of the Hexagonal (Hex) & Octagonal (Oct) models made up with abutted sides of 3m, 4m or 5m faces.
 Hexagonal models - 519cm diameter have 6 nr 3m faces, 693cm dia have 6 nr 4m faces and 866cm dia have 6 nr 5m faces.
 Octagonal models - 724cm dia have 8 nr 3m faces and 965cm dia have 8 nr 4m faces.
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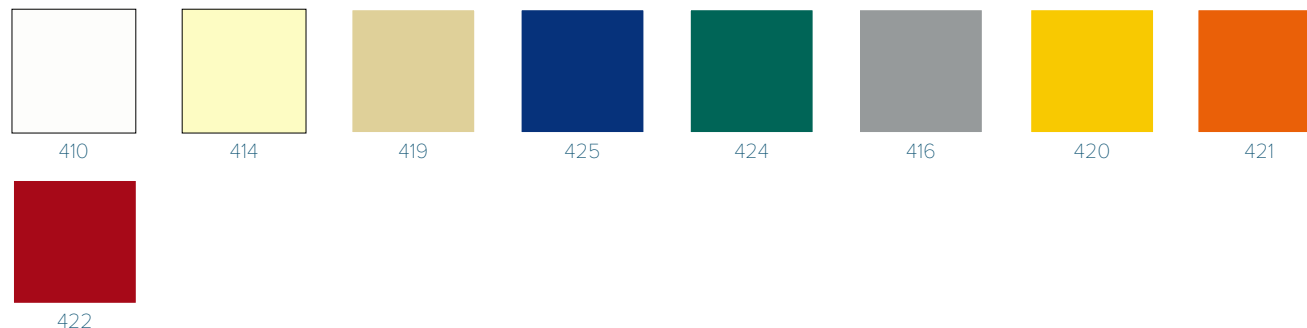
Canopy Colours

Naizil Roof Cover Specification -

- Semi-gloss finished Naizil hygroscopic fabric polyester reinforced PVC coated
- Fire-retardant to BS7837:1996.
- Stain and microorganism repellent.
- Guaranteed colourfastness.
- Treated against U.V. radiation deterioration and as well as also waterproof.
- Ultrasonic welding provides completely weatherproofed joints on one piece roof covers of up to 280sqm.

Standard Roof Colour Swatches

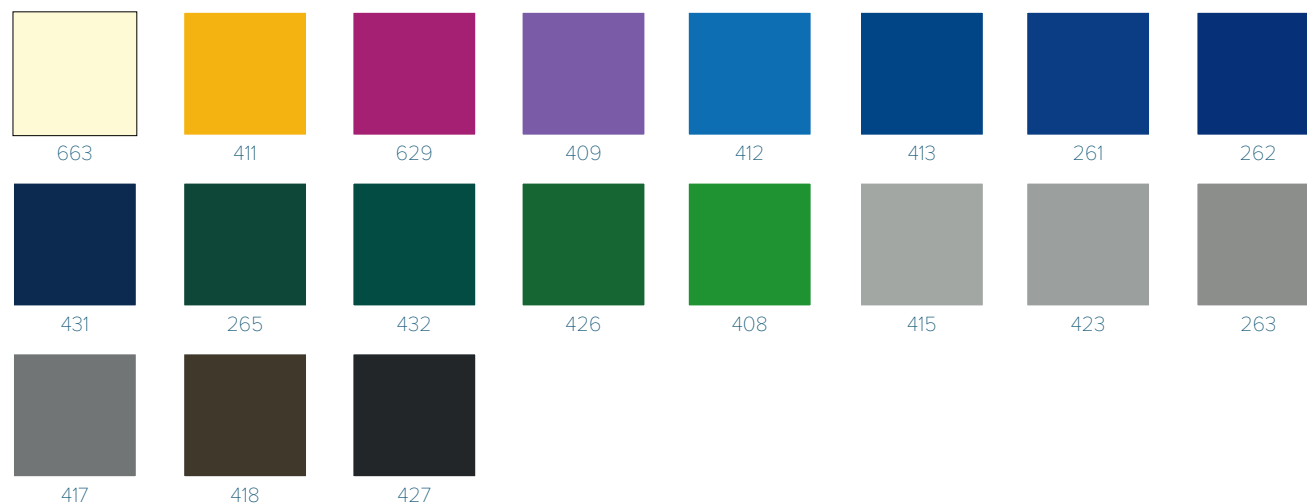
satin-finished PVC coated Polyester reinforced fabric



Special Roof Colour Swatches

Surcharge and increased delivery times may apply

satin-finished PVC coated Polyester reinforced fabric





Frame Colour

Colour Swatches

Frame Swatches

Standard-Stock Frame Colours for aluminium and steel framed corner-post Pagoda Structure - texture semi-gloss polyester powder coated.



9010
White



1013
Ivory



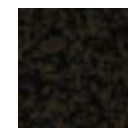
8017
Brown



5003
Blue



Black/Silver



Black/Copper



7035
Light Grey



7016
Dark Grey



6005
Green

* All steel frames are galvanised as standard.
Non-standard stock RAL colours, may increase delivery times.

Timber Frame Swatches

Timber frames are available in a choice of six stains



01
Olive



02
Terracotta



03
Fawn



04
Sand



05
Tangerine



06
Teal

Other stain colours may increase delivery times

Central and Side-post Pagodas

Introduction

Also known as Conical Roof Structures these central and side post structures are fabricated from galvanised mild steel with PVC laminated reinforced polyester fabric canopies.

- Weather resistant up to Hurricane Force 12
- Square and Rectangular sizes can be coupled together with one piece roofs to increase coverage.
- Any colour RAL frame finish
- Large range of canopy colours available from the Naizil or Ferrari ranges, some shown within this Product Guide - please contact Breezefree for further information or advise.
- Photocatalytic canopies are also available, as specified on Page 23.



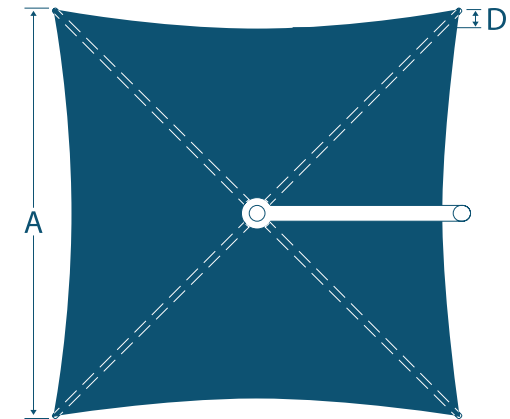
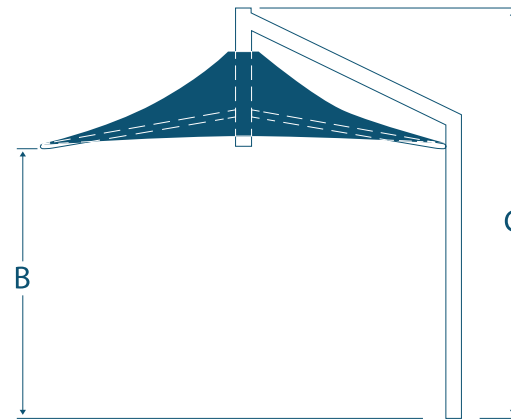
Central and Side-post Pagodas

Technical Details

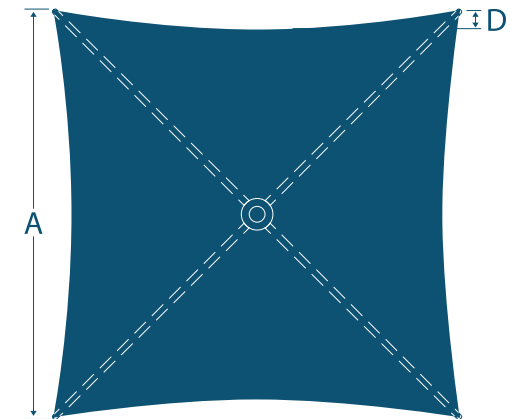
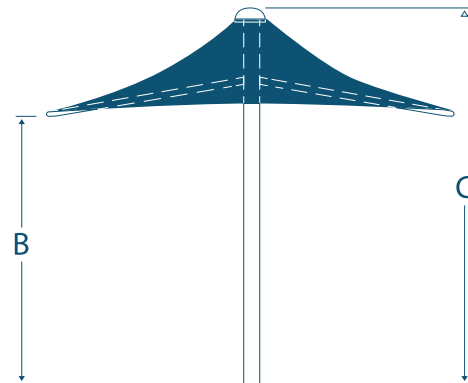
All mild steel work is finished with Triplex™ brand steel protection system. Triplex™ comprises abrasive blasting to Class 3, an application of spray galvanising in aluminium and zinc before finishing in two coats of Dulux polyester powder.

Other RAL colours are available, at a surcharge.

Side-post Pagoda



Central-Post Pagoda



Central and Side-post Pagodas

Technical Details

| Post Type | Shape | Size (A) (cm) | Headroom (B) (cm) | Crown Height (C) (cm) | Contour Edge Depth (D) (cm) |
|-----------|-------------|---------------|-------------------|-----------------------|-----------------------------|
| Central | Square | 270 x 270 | 240 | 335 | 20 |
| Central | Square | 320 x 320 | 230 | 335 | 25 |
| Central | Square | 380 x 380 | 230 | 335 | 27.5 |
| Central | Square | 400 x 400 | 227 | 336 | 36.5 |
| Central | Square | 450 x 450 | 225 | 342 | 31 |
| Central | Square | 500 x 500 | 240 | 377 | 24.5 |
| Central | Square | 540 x 540 | 260 | 401 | 31 |
| Central | Square | 600 x 600 | 270 | 440 | 33 |
| Central | Square | 700 x 700 | 270 | 460 | 38 |
| Central | Square | 800 x 800 | 270 | 486 | 44 |
| Central | Square | 900 x 900 | 300 | 541 | 49 |
| Central | Square | 1000 x 1000 | 300 | 567.5 | 55 |
| Central | Square | 1200 x 1200 | 300 | 616 | 66 |
| Central | Rectangular | 320 x 450 | 215 | 336 | 12/22 |
| Central | Rectangular | 380 x 530 | 215 | 345 | 21.75/33.75 |
| Central | Octagonal | 400Ø | 240 | 336 | 19.5 |
| Central | Octagonal | 500Ø | 220 | 336 | 32.5 |
| Central | Hexagonal | 570Ø | 215 | 336 | 38 |

Central and Side-post Pagodas

Technical Details

| Post Type | Shape | Size (A) (cm) | Headroom (B) (cm) | Crown Height (C) (cm) | Contour Edge Depth (D) (cm) |
|-----------|-------------|---------------|-------------------|-----------------------|-----------------------------|
| Side | Square | 270 x 270 | 225 | 354 | 20 |
| Side | Square | 300 x 300 | 240 | 362 | 25 |
| Side | Square | 320 x 320 | 225 | 358 | 25 |
| Side | Square | 380 x 380 | 225 | 370 | 27.5 |
| Side | Square | 400 x 400 | 240 | 386 | 36.5 |
| Side | Square | 450 x 450 | 225 | 375 | 31 |
| Side | Square | 500 x 500 | 240 | 426 | 24.5 |
| Side | Square | 540 x 540 | 260 | 430 | 31 |
| Side | Square | 600 x 600 | 270 | 489 | 33 |
| Side | Rectangular | 320 x 450 | 225 | 336 | 12/22 |
| Side | Rectangular | 380 x 530 | 225 | 345 | 21.75/33.75 |
| Side | Octagonal | 400Ø | 225 | 349 | 19.5 |
| Side | Octagonal | 500Ø | 225 | 375 | 32.5 |
| Side | Hexagonal | 570Ø | 225 | 380 | 38 |

Central and Side-post Pagodas

Details & Swatches

Photocatalytic roof covers, in white only, are also available. These utilise TiO₂ coating technology which provides enduring beauty, translucence and 'as new' appearances for many years.

When PVC or PTFE membranes are coated with titanium dioxide (TiO₂) photo-catalyst, they inherit superior self-cleaning properties when compared to conventional membranes. The self-cleaning action that occurs with TiO₂ is two part:-

1. The Photocatalytic Decomposition Process causes any organic matter (stains or pollutants) to decompose through simple oxidation.
2. The Photocatalytic Hydrophobicity Process ensures that any residues left do not adhere to the surface and are washed away by water or rain.

Timber Frame Swatches

Standard Frame Colours for aluminium framed corner-post Pagoda Structure - semi-gloss polyester powder coated*



81880
White Pearl



84365
Primrose



32786
APO Grey



32774
Claret



83250
Ocean Mist



57225
Precious Silver
Pearl



33709
Classic Hawthorn
Green



19268
Black Satin

Central and Side-post Pagodas

Details & Swatches

Additionally, the 'sheeting' action of rain water across the surface of these roof covers assures no unsightly streaking or tide-marks are left behind.

PTFE and PVC membranes treated with TiO₂ also remove significant volumes of nitrogen oxide (NO_x) from the atmosphere.

In this reaction between TiO₂ and the air, both nitrogen and sulphur oxide from vehicle exhaust emissions, are decomposed to produce cleaner, purer air; at a rate of 1.2g (NO_x)/1000m²/h.*

*Removal performance is based on the capability to remove NO_x being emitted during an hour drive at an average speed of 22km/h. Source: Professor Emeritus Akira Fujishima and Professor Kazuhito Hashimoto, Tokyo University 2009.

Cover Swatches

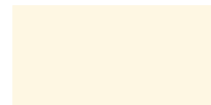
Standard Roof Cover Colours - satin-finished PVC coated Polyester reinforced fabric

Usually supplied in standard white, roof covers are fabricated from Mehler 7205 long-life, 100% UV stabilised, waterproof, architectural grade PVC coated polyester reinforced fabric with semi-gloss PVDF finish to both sides, providing a very high protection against microbial and fungal attack.

Other Mehler 7205 roof cover colours are available as below:-



502-8102
White Pearl



502-8341
Champagne



502-8358
Grey



502-8284
Burgundy



502-8255
Red



502-1016
Khaki



502-8056
Forest Green



502-8450
Black



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