

HEXADOME M

100 m²



Installation Structure and cover



3



2:00 h

Dimensions Outside



Length
1.080 cm



Width
1.243 cm



Height
535 cm

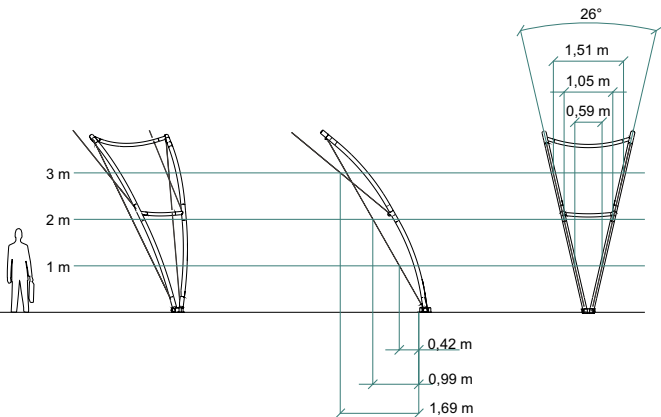
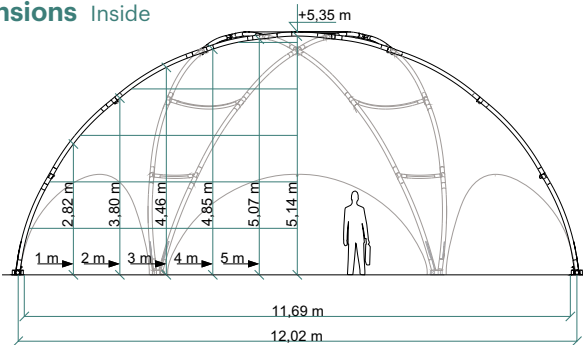


Length opening
622 cm



Height opening
215 cm

Dimensions Inside



Materials Structure

Tubes Ø90 mm/Ø70 mm
6082T6 Alloy
Connectors Galvanized steel
Cabels Stainless steel 316

Materials Cover

Fabric Airtex white®
Weight fabric 350 grams/m²
Reinforcements PVC
Certification California T19 M2/B1



-20 °C



+70 °C

Fabric Stam 6002®
Weight fabric 630 grams/m²
Reinforcements Stam 6002®
Certification California T19 M2/B1



-30 °C



+70 °C

Fabric Transparant
Weight fabric 660 grams/m²
Reinforcements PVC
Certification California T19 M2/B1



-20 °C



+70 °C

Gutters

Gutter M
Connect Hexadome M (HDM)
with Crossover M (COM)



Connect Hexadome M (HDM)
with Hexadome M (HDM)



Gutter M to L
Connect Hexadome M (HDM)
with Crossover L (COL)

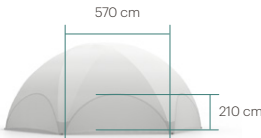


Connect Hexadome M (HDM)
with Hexadome L (HDL)



Sidewalls

Dimensions (WxH)
Sidewall



Dimensions (WxH)
Door opening
in the sidewall



Sidewall with door



Sidewall with windows



Sidewall with door
and windows



Transport packaging Structure



OPTION 1 | Standard

2 boxes (vertical)

Dimensions (LxWxH)



2x: 120x80x220 cm

Total weight (excl. cover)



673 kg



OPTION 2 | Alternative

2 boxes (horizontal)

Dimensions (LxWxH)



2x: 205x80x140 cm

Total weight (excl. cover)



673 kg

Transport packaging Cover

Airtex white®

Cover	100x80x50 cm	65 kg
Sidewall	60x40x10 cm	6 kg
Sidewall with window	60x40x10 cm	6 kg
Sidewall with door	60x60x10 cm	6 kg
Sidewall with window and door	60x60x10 cm	7 kg
Gutter M	85x48x4 cm	3 kg
Gutter M to L	68x45x6 cm	4 kg

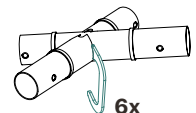
Stam 6002®

Cover	100x80x50 cm	102 kg
Sidewall	60x40x10 cm	8 kg
Sidewall with window	60x40x10 cm	8 kg
Sidewall with door	60x60x10 cm	8 kg
Sidewall with window and door	60x60x10 cm	9 kg
Gutter M	85x48x4 cm	3 kg
Gutter M to L	68x45x6 cm	7 kg

Mounting 2 options

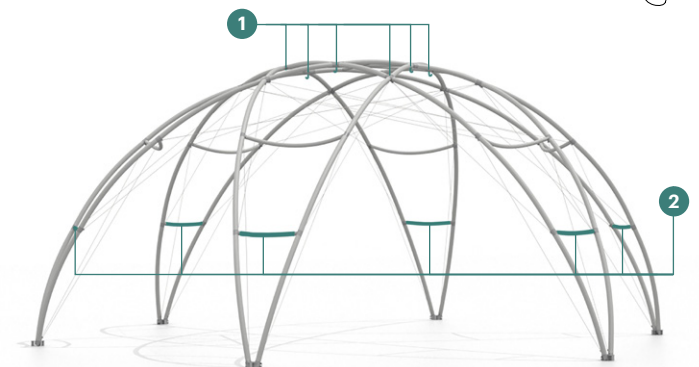
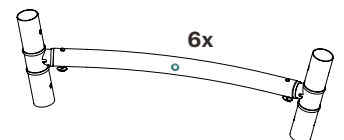
OPTION 1 | Hooks

Mount up to 100 kg per hook by using the hooks at the Upper X-connector (1).



OPTION 2 | M10 screw insert

Mount up to 25 kg per insert by using the M10 screws insert at the Lower sub profile (2).



Lights



Speakers



TV's



Heaters



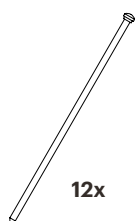
Anchoring and ballast 4 options

OPTION 1 | Anchoring Ground pens (set of 12)

 Ø3,5x130 cm

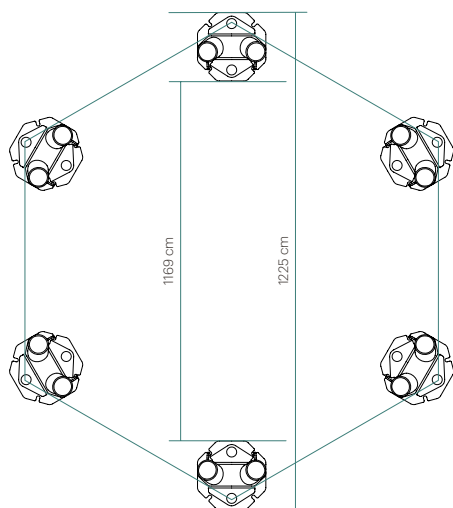
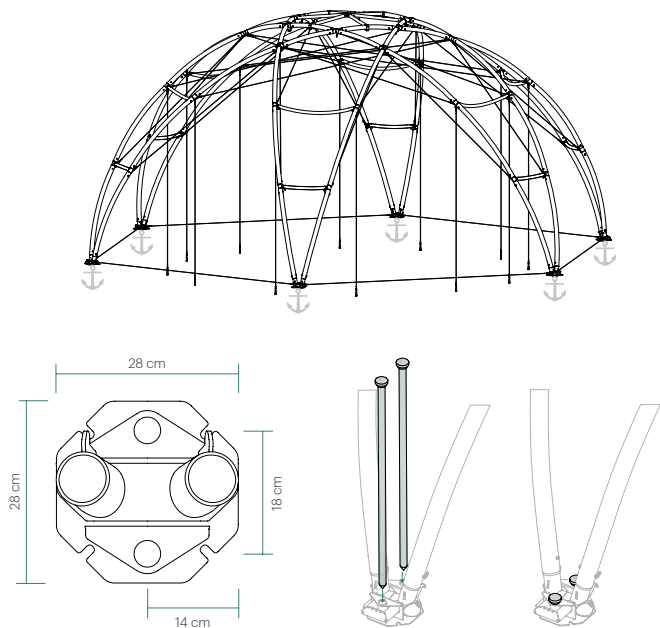
 10 kg (per piece)

 Used on soft surfaces
(e.g. grass, sand and gravel)



12x

INSTRUCTIONS | Placing anchoring Ground pens



OPTION 2 | Anchoring M12 concrete screws (2 sets of 20)

 Ø1,2x9 cm

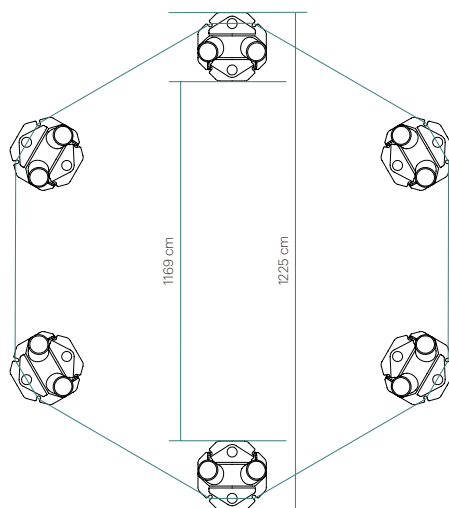
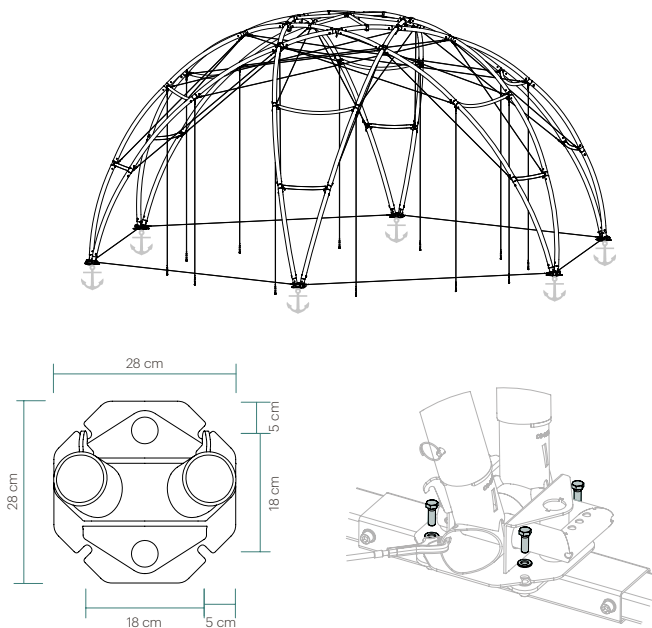
 0,1 kg (per piece)

 Used on hard surfaces
(e.g. concrete, asphalt and pavement)



40x

INSTRUCTIONS | Placing anchoring M12 concrete screws



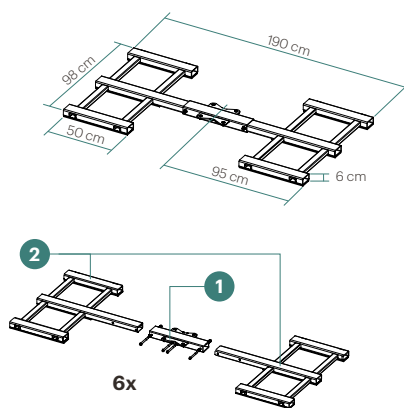
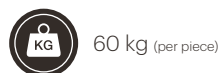
Anchoring and ballast 4 options

OPTION 3 | Ballast TÜV

Ballast TÜV Straight (set of 6)

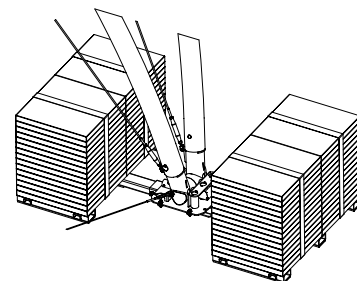
Ballast TÜV Straight is a ballast anchoring for a singel Crossover or Hexadome feet.

Ballast TÜV Straight can be used if the surface is not suitable for anchoring. The Ballast TÜV Straight contains 1 interface (1) (Crossover M-L and Hexadome M) and 2 ballast frames (2) (suitable for Crossover M-L and Hexadome M-L)



Ballast TÜV Straight with concrete tiles

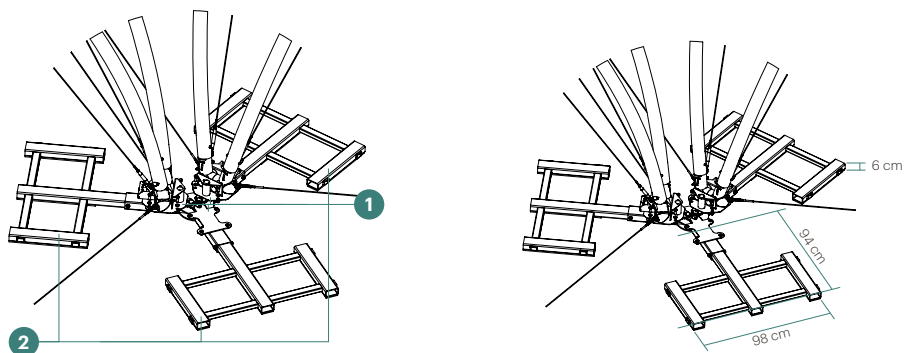
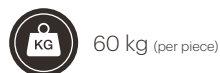
You can place 50x50x4 cm concrete tiles on both ballast frames and secure them with straps.



Ballast TÜV Rotable

Ballast TÜV Rotable is a ballast anchoring for multiple feet (Village), including at least one Hexadome.

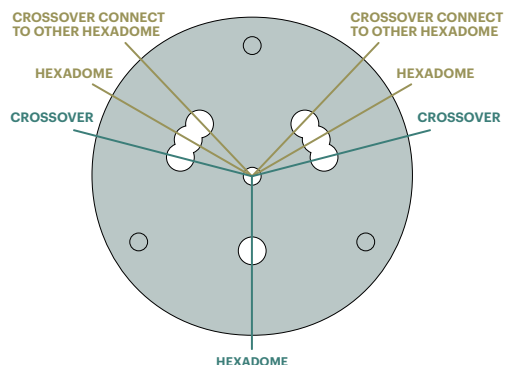
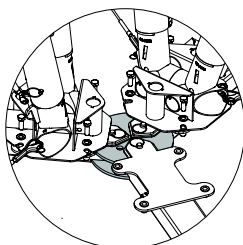
Ballast TÜV Rotable can be used if the surface is not suitable for anchoring. The Ballast TÜV Rotable contains 3 interfaces (1) and 3 ballast frames (2).



EXPLANATION | Ballast TÜV Rotable

Connect Hexadomes with Crossover(s) or/and Hexadome(s).

1. Always use the single hole for a Hexadome. This Hexadome is your reference.
2. When connection other Hexadomes, use the middle hole positions
3. When connection Crossovers to the reference Hexadome, use the lowest hole positions (blue)
4. When connection a Crossover, but not to the reference Hexadome, use the highest hole positions (green)



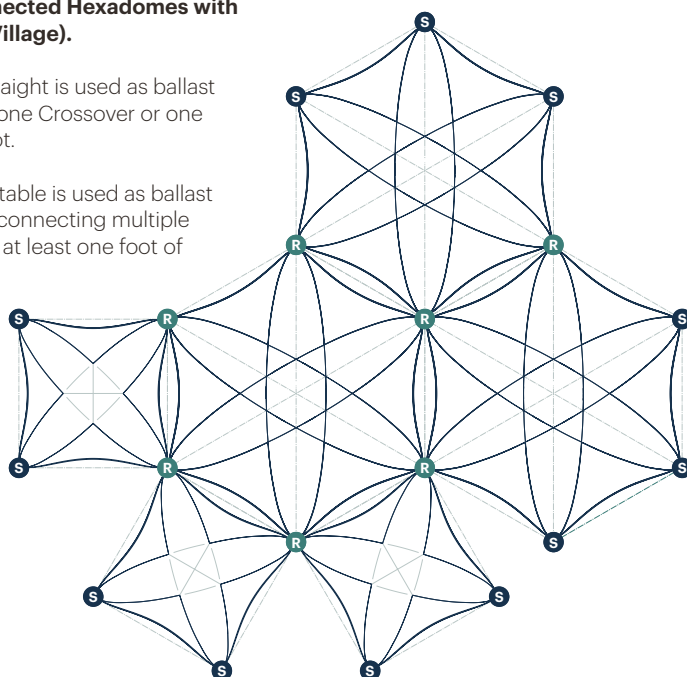
EXAMPLE | Ballast TÜV

- S** Ballast TÜV Straight
- R** Ballast TÜV Rotable

Topview connected Hexadomes with Crossovers (Village).

Ballast TÜV Straight is used as ballast anchoring for one Crossover or one Hexadome foot.

Ballast TÜV Rotable is used as ballast anchoring for connecting multiple feet, including at least one foot of a Hexadome.



Ballast Per peak wind velocity

The numbers and weight per foot on the right are based on:

- Peak wind velocity
- Measured on the highest point of the structure
- All side panels closed
- Ballast system used

Wind peak	Ballast (per foot)
40 km/h	112 kg
50 km/h	176 kg
60 km/h	253 kg
70 km/h	344 kg
80 km/h	450 kg
90 km/h	569 kg
100 km/h	703 kg

Ballast Requirements per peak wind velocity

Max. peak velocity according to European standards:

 Km/h	m/s	Knots
101,9 km/h	28,3 kg	55 knots

Required ballast according to European standards:

 Ballast (per foot)
730 kg

Anchoring and ballast 4 options

OPTION 4 | Creative Decking

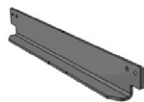
Creative Decking provides ballast with the integrated steel ballast plates. The main part of the weight of the decking will be counted as ballast. Therefore you will need less additional ballast. When building on soft surfaces (e.g. grass, sand and gravel) you can also choose to use our groundpens instead of the ballast plates.

We advise to close the Creative Structure with sidewalls in the event of heavy winds.

SET | Ballast Plate Set for Hexadome M (6 sets of 20 plates)

Ballast profile

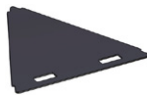
	88x11x6 cm (per profile)
	8 kg (per profile)



24x

Ballast plate Rhombus

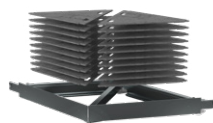
	82x82x1 cm (per plate)
	25 kg (per plate)



120x

Total weight

	3187 kg
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6x

