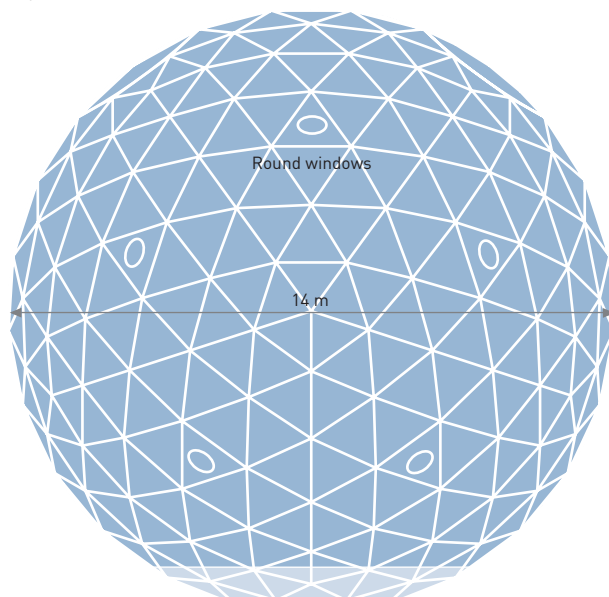




ZENDOME.150M

Your clients love it – the event as a real experience! Communicate your MICE-activities emotionally – the geodesic dome is an inspiration with its overwhelming 150 m² of space.

Top view:



TECHNICAL DATA

Diameter	14 m
Height	8,05 m
Exhibition Space	150 m²
Membrane Surface	294 m²
Volume	700 m³

ENTRANCE SETTINGS

Circular entry	1 / optional 3
Width (circular entry without door, measured at floor-level)	1,72 m
Width (circular entry without door, measured at the centre)	3,40 m
Heights of the circular-entry	3,10 m
Membrane-entrance	3
Door system (optional):	
Height of entrance with door	2,10 m
Width of entrance with door	1,07 m + 0,53 m
Door-wings	2

WINDOW SETTINGS:

Round windows	7
Round windows (transparent or white)	7
Top round windows (ventilation openings)	5
AC-openings	3
Height of panorama window	5,01 m

MATERIAL & DETAILS

Number of different struts/poles	10
Min. length of struts	1.360 mm
Max. length of struts	1.813 mm
Diameter of struts	30 mm
Material thickness	2,0 mm
Number of structure feet	25
Membrane material	PVC Coated Polyester Fabrics

SAFETY:

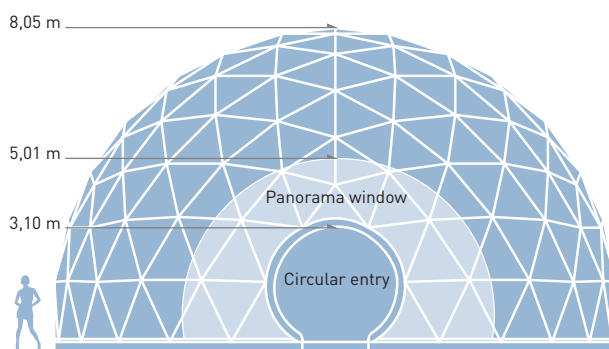
Windloads (dynamic pressure $q = \text{kN/m}^2$ according to DIN 4112)	0,8
Dynamic pressure is about (Beaufort)	12 / violent storm
Extra loads	800 – 1.275 kg
Number of extra loads contact points	16 – 51

ZENVISION GmbH

Prenzlauer Promenade 189
D-13198 Berlin
www.zenvision.de

T +49 30 473 776 20
F +49 30 473 776 29
info@zenvision.de

Front view:



LOAD PARAMETERS

Structure	1.088 kg
Structure feet	60 kg
Membrane	220 kg
Circular doorway	31 kg
Door	95 kg
Complete	1.494 kg

LOGISTIC AND STORAGE SYSTEM

Total weight with transport stanchions	1.979 kg
Loading meters	3,2 m
Number of transport stanchions of frame system, stackable	2
Loading weight of transport stanchion of frame system and circular entry	1.359 kg
Tare weight of transport stanchion of frame system	90 kg
Transport stanchion of frame system (L x W x H)	2,02 x 0,87 x 1,14 m
Number of membrane boxes, stackable	1
Loading weight of membrane box	470 kg
Tare weight of membrane box	250 kg
Membrane box (L x W x H)	2,30 x 1,87 x 1,14 m
Number of doors per transport box	1
Loading weight of transport box of door	150 kg
Tare weight of transport box of door	55 kg
Transport box of door (L x W x H)	2,35 x 1,50 x 0,35 m

CONSTRUCTION / DECONSTRUCTION

Construction time	11 – 14 h
Deconstruction time	6 – 7 h
Team size (pax)	6 – 8
Coaching (days)	2
Mobile Crane, Height / Boom	25 m / 20 m

ZENDOME PLUG-IN

Ring nut inner diameter	2,5 cm
Number of plug-in use of half load (25 kg)	51
Number of plug-in use of full load (50 kg)	16

NOTES:

- The construction time is timed with an experienced team. For first construction calculate double the time
- Anchoring according to static calculations (earth anchors, heavy-load floor-system or loads) necessary.
- All sizes, weights and volumes listed in this table are rounded approximations and may deviate due to varying materials or production processes.