

Geos

Geodom.04 Product Specification



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




Geodom.04

These structures are ideal for climbing on the inside or outside. The Geos offer enough space on the inside to play soccer or as a safe play area with plenty of room for hammocks or ladders. The pure carbon molecule C₆₀ consists of 12 pentagonal and 20 hexagonal carbon rings with a total of 60 atoms – one at each corner: the shape of a soccer ball. Geos are constructed accord-

ing to the same principle. The Geos can be varied in diameter by changing the tube lengths. Three types are available for different dome sizes.

The big Geodom.04 constructed as a roof for a football field. The design has been made similar to the shape of a soccer ball. There is a safety net integrated at a height of 4 metres.

95.130.304

 Product Family	Geos
 Length x Width x Height (m) Length x Width x Height ("'-")	15,0 x 14,9 x 6,5 49-1 x 48-9 x 21-3
 Protective Surfacing Area acc. to DIN EN 1176 (m) Protective Surfacing Area acc. to ASTM/CSA (m) Protective Surfacing Area acc. to ASTM/CSA ("'-")	18,1 x 18,1 18,7 x 18,7 61-4 x 61-4
 Fall Height acc. to EN 1176 (m) Fall Height acc. to ASTM/CSA ("'-")	2,69 8-10
 Age	5
 Minimum Space required acc. to DIN EN 1176 (m ²) Minimum Space required acc. to ASTM 1487 (ft ²)	256 2.949,3
 Number of Foundations	15
 Concrete Volume C20/C25 (m ³)	6,1
 Number of skilled Installers required	3
 Installation Time without Foundation	32 hours
 Dimensions of largest Part (m)	2,5 x 2,0 x 1,5
 Weight of heaviest Part (kg)	600
 Shipping Volume (m ³)	21
 Total Weight (kg)	On request
 Spare Part Guarantee	Lifelong
 Certified acc. to EN 1176	Nr.: Z2 18 04 10256 272

The dimensions of the equipment and protective surfacing area have been rounded up to one decimal digit.

Technical Data

Technical changes are reserved. The following text can also be used for tenders.

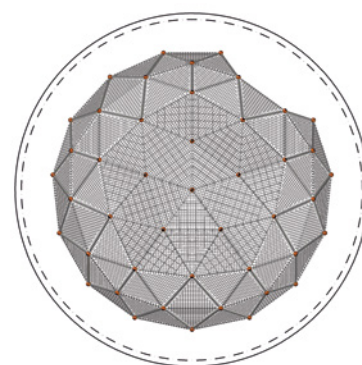
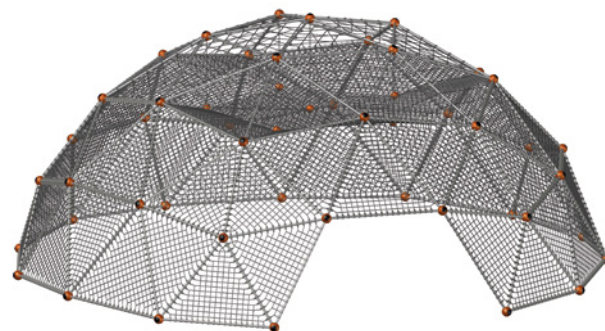
Tubes:

The Frameworx® steel tubes have a diameter of Ø 60,3 mm (2 3/8").

Balls:

The Frameworx® aluminium balls with a diameter of Ø 250 mm (9 13/16") are securely closed with durable EPDM caps.

Tubes and Balls are sandblasted and powder coated in colour using an epoxy-polyester stoving process.



Scale 1:400

Ropes:

U-Rope®-round strand ropes with galvanised steel cores and a diameter of Ø 16 mm (5/8"). The external strands are covered with high abrasion-resistant and UV-resistant polyester-yarn (no polypropylene).

Planar Net:

The planar net is permanently localised at the rope crossing points by durable drop-forged aluminium balls (no plastic) and with aluminium pipe clamps attached to the scaffolding.