

# Geos

## Geodom.01 Product Specification



Published: November 2019

### Geodom.01






















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.

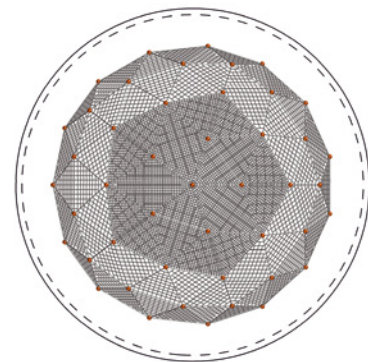
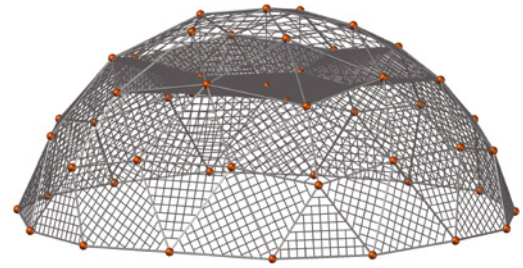
The pure carbon molecule C<sub>60</sub> consists of 12, 5 and 20 hexagonal carbon rings with a total of 60 atoms – one at each corner: the shape of a soccer ball. Geos are constructed according to the same

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

The big Geodom.01 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.

## 95.130.301

 Product Family	<b>Geos</b>
 Length x Width x Height (m)	<b>15,0 x 14,9 x 6,5</b>
 Length x Width x Height (ft-in)	<b>49-1 x 48-9 x 21-3</b>
 Protective Surfacing Area acc. to DIN EN 1176 (m)	<b>18,1 x 18,1</b>
 Protective Surfacing Area acc. to ASTM/CSA (m)	<b>18,7 x 18,7</b>
 Protective Surfacing Area acc. to ASTM/CSA (ft-in)	<b>61-4 x 61-4</b>
 Fall Height acc. to EN 1176 (m)	<b>3,0</b>
 Fall Height acc. to ASTM/CSA (ft-in)	<b>9-11</b>
 Age	<b>5</b>
 Minimum Space required acc. to DIN EN 1176 (m <sup>2</sup> )	<b>256</b>
 Minimum Space required acc. to ASTM 1487 (ft <sup>2</sup> )	<b>2.949,3</b>
 Number of Foundations	<b>15</b>
 Concrete Volume C20/C25 (m <sup>3</sup> )	<b>6,1</b>
 Number of skilled Installers required	<b>3</b>
 Installation Time without Foundation	<b>32 hours</b>
 Dimensions of largest Part (m)	<b>2,5 x 2,0 x 1,5</b>
 Weight of heaviest Part (kg)	<b>600</b>
 Shipping Volume (m <sup>3</sup> )	<b>21</b>
 Total Weight (kg)	<b>On request</b>
 Spare Part Guarantee	<b>Lifelong</b>
 Certified acc. to EN 1176	<b>Nr.: Z2 18 04 10256 272</b>



Scale 1:400

### Technical Data

The following text can also be used for tenders.

#### Tubes:

Framework®-steel pipes with Ø 60,3 mm (2 3/8"). Anticorrosion treatment and colour finish: sandblasting and epoxy-/ polyester-process.

#### Balls:

Framework®-aluminium ball connectors with a diameter of Ø 250 mm (9 13/16") and anticorrosion treatment and colour finish: sandblasting and epoxy-/ polyester-process; secured with durable ebonite caps.

#### Ropes:

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

#### Net:

Rope crossing points localised with hydraulically pressed ball knots comprised of corrosion resistant forged alloyed aluminium (no plastic).