

# Geoball.029 – Product Specification



## Geos – Multifunctional play domes

Anything goes with the Geos. 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.

### Geoball.029 - At a glance.

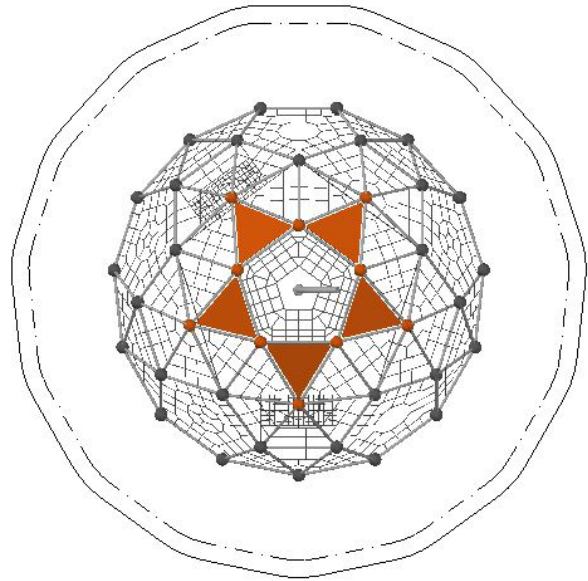
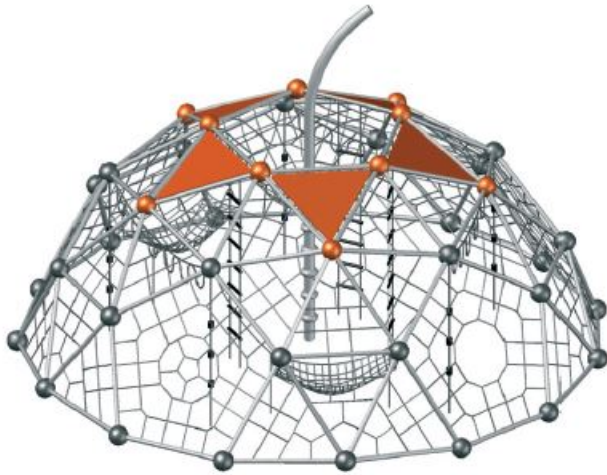
Product Family:	<b>Geos</b>	Number of Foundations:	<b>9 pc.</b>
Item Number:	<b>95.130.229</b>	Concrete Volume C20/C25:	<b>2.2 m<sup>3</sup> (78 ft<sup>3</sup>)</b>
Children's Age:	<b>5+</b>	Number of skilled installers required:	<b>2</b>
Fall Height (DIN EN 1176):	<b>2.76 m (9'-1")</b>	Installation Time without foundation:	<b>20 hours</b>
Length x Width x Height:	<b>7.3 m x 7.3 m x 4.5 m</b> <b>(24'-0" x 23'-10" x 14'-10")</b>	Dimensions of largest part:	<b>Ø 0.133 m x 5.7 m</b> <b>(Ø 0'-6" x 18'-9")</b>
Protective Surfacing Area (DIN EN 1176):	<b>10.3 m x 10.3 m</b>	Weight of heaviest part:	<b>150 kg (331 lbs)</b>
Protective Surfacing Area (ASTM 1487):	<b>11.0 m x 11.0 m</b> <b>(36'-0" x 35'-10")</b>	Shipping Volume:	<b>Upon request</b>
Minimum space required DIN EN 1176:	<b>82.4 m<sup>2</sup></b>	Spare part guarantee:	<b>Lifelong</b>
Minimum space required ASTM 1487:	<b>93.4 m<sup>2</sup> (1,005.3 sf)</b>		

  
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## Technical Data.

The following text can also be used for tenders.

Geoball.029 (LxWxH: 7.3 m x 7.3 m x 4.5 m / 24'-0" x 23'-10" x 14'-10") with TÜV-certificate according to DIN EN 1176 and 10-years warranty-certificate consists of the following elements:

### Members:

Framework<sup>®</sup>-steel pipes, Ø 60.3 mm (2 3/8"); anticorrosion treatment and color finish: sandblasting and zinc-/ epoxy-/ polyester-process.

### Nodes:

Framework-aluminum ball connectors, Ø 250mm (9-13/16"); anticorrosion treatment and color finish: sandblasting and zinc-/ epoxy-/ polyester-process; secured with durable ebonite caps.

### Climbing Rope:

All ropes Ø 21mm (13/16"), vertical ropes with worked-in ebonite cylinders, distance between cylinders 250-300mm (9-13/16" to 11-13/16")

### Hand-over-hand-loop-rope:

All ropes Ø 21mm (13/16"); length per loop approx. 110 mm clear diameter; loops durable fixed to a horizontal rope with aluminum ferrules

### Ropes:

U-Rope<sup>®</sup>-round strand ropes with steel cores, Ø 16mm (5/8") – unless otherwise noted; galvanized wires, external strands covered with non-abrasive UV-resistant Polyester-yarn.

### Netting:

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

### Hammock:

Hammock net with mesh width 100 x 130mm (3-15/16" x 5 1/8")

### Rope ladder:

Rope Ø 16 mm (5/8"); black polyamide rungs: Ø 40 mm (1-3/5")

  
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