# Neptun.11 - Product Specification



# Univers - Classics among rope playground equipment

Net structures offer hours of fun and adventure on several levels – climbing and swinging, up and down, horizontally and vertically – space on earth.

The original spatial nets: Born over 40 years ago as a play concept, continuously further developed in form and detail, still popular even after several generations.

#### Neptun.11 - at a glance.

Product Family: Univers Item Number: 90.140.014 Children's Age: 5+ Fall Height (DIN EN 1176): 1.84 m (6'-11") Length x Width x Height:

5") Protective Surfacing Area (DIN EN 1176):

Protective Surfacing Area (ASTM 1487):

Minimum space required DIN EN 1176: Minimum space required ASTM 1487:

15.9 m x 6.2 m x 5.6 m (52'-3" x 20'-3" x 18'-

19.6 m x 9.4 m 19.8 m x 9.9 m (64'-11" x 29'-8") 124.0 m<sup>2</sup>

137.0 m<sup>2</sup> (1,474.7 sf)

Number of Foundations: Concrete Volume C20/C25: Number of skilled installers required:

Installation Time without foundation: Dimensions of largest part:

Weight of heaviest part: Shipping Volume: Spare part guarantee:

9 pc.

2.7 m<sup>3</sup> (95.3 ft<sup>3</sup>)

8 hours

0.6 m x 0.7 m x 4.0 m (2'-0" x 2'-4" x 13'-1")

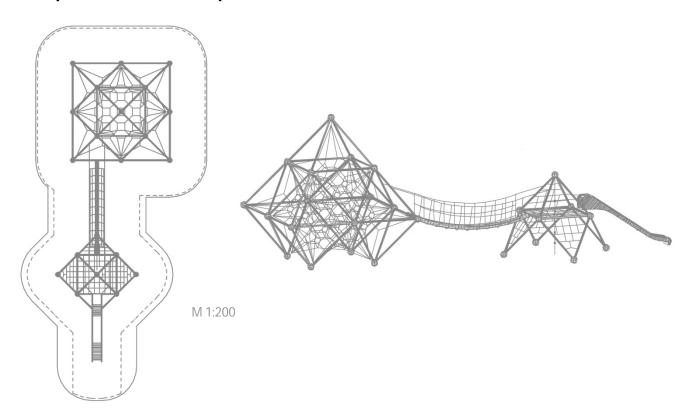
140 kg (308.6 lbs) 6.5 m<sup>3</sup> (229.2 ft<sup>3</sup>) Lifelong



Tel. +49.(0)30.41 47 24-0 Fax +49.(0)30.41 47 24-33

info@berliner-seilfabrik.com Revision: March 2016 www.berliner-seilfabrik.com Page 1

# Neptun.11 - Product Specification



#### Technical Data.

The following text can also be used for tenders.

#### Members:

Frameworx-steel pipes,  $\varnothing$  60.3 mm (2 3/8"); anticorrosion treatment and color finish: sandblasting and zinc-/ epoxy-/ polyester-process.

#### Nodes:

Frameworx-aluminum ball connectors,  $\varnothing$  250mm (9-13/16''); anticorrosion treatment and color finish: sandblasting and zinc-/ epoxy-/ polyester-process; incorporating an ASTEM TT net tensioning system, securely closed with durable ebonite caps.

### Ropes:

U-Rope-round strand ropes with galvanized steel cores,  $\varnothing$  16mm (5/8") – unless otherwise noted; external strands are covered with non-abrasive UV-resistant Polyester-yarn.

# Spatial netting:

Rope crossing points localized by durable, drop forged aluminum-cloverleaf rings; in situ-replaceable rope lines (no special tools required).



#### Planar netting:

Rope crossing points localized by durable, drop forged aluminumballknots (no plastic)

### Jungle bridge:

Bridge with thick walk rope comprised of PP-cordage,  $\varnothing$  150 mm (5 7/8"); with steelcore  $\varnothing$  12mm (1/2"), external PP-winding durable stabilized with shrink-rubber sleeves at regular intervals; supporting points at railing net for walk rope protected with shrink rubber sleeves; ends are fixed with 600kg-shackles.

# Rectangular Slide, Narrow type:

Attached slide comprised of stainless steel AlSI304 (DIN 1.4301); Start height 1500mm (4- 11-1/16'); width 500mm (1- 7-11/16'), equipped with BSF-aluminum-slide clamps.

#### Climbing rope:

Vertical rope  $\varnothing$  21mm (13/16") with worked-in ebonite cylinders, distance between cylinders 250-300mm (9-13/16" to 11-13/16"), upper connection to the top ball of the Mars-frame, fixed to the ground with a galvanized anchor plate.



Tel. +49.(0)30.41 47 24-0 Fax +49.(0)30.41 47 24-33