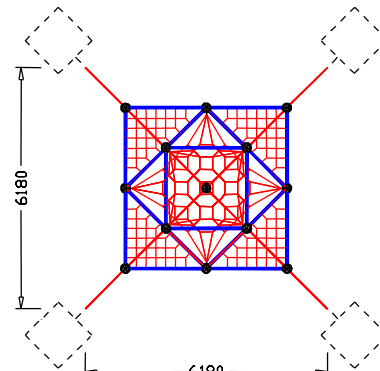
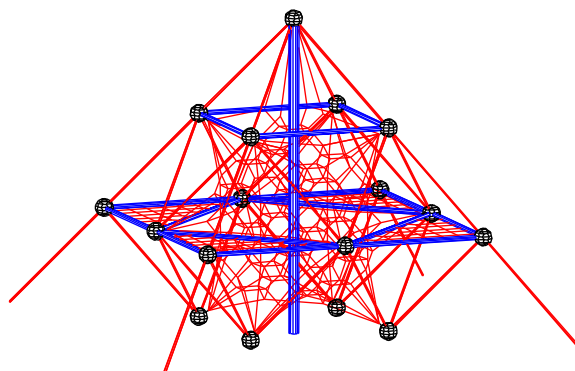


Product Family : Univers Net Structures
Product Name : Pluto
Item number : 90.100.045
Children's age : 5 +
Fall Height (EN1176) : 1.49 m (4'-11")
Dimensions: Length, width, height : 6.2 x 6.2 x 4.5m (20'-4" x 20'-4" x 14'-9")
Protective Surfacing Area required (EN1176) : 7.4 x 7.4m
Protective Surfacing Area required (ASTM 1487) : 8.1 x 8.1m (26'-5" x 26'-5")
Minimum space required : EN1176: 52.1 m² ASTM 1487: 61.2 m²
Number of foundations : 9
Concrete Volume C20/25 (3.000 psi) : 5.0 m³
Number of skilled installers required : 3
Installation time without foundation : 8 hours
Dimensions of largest part : Ø 0.14 x 4.72 m
Weight of heaviest part : 110 kg
Freight volume : 5.5m³
Gross weight : 1280 kg
Spare part guarantee : Lifelong
Certificate according to EN1176 No.: AL 05 05 10256 023 TÜV Product Service



Product description (on request also available as doc-file):

Net structure Univers **Pluto** with TÜV-certificate according to EN 1176 and a 10 year-warranty-certificate.

A central mast supports two quadratic play levels and a spatial climbing network. The Astem TT tensioning system is contained within the weatherproof balls.

Central mast: Terranos steel post Ø 133 x 5mm (5 ¼ x 3/16"), sandblasted and zinc-/ epoxy-/ polyester-powder-coated.
Nodes: **Framework**-aluminum ball connectors, Ø 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.
Members: **Framework**-steel pipes, Ø 60.3 mm (2 3/8"); anticorrosion treatment and color finish: sandblasting and zinc-/ epoxy-/ polyester-process.
Ropes: **U-Rope**-round strand ropes with steel cores, Ø 16mm (5/8") with galvanized wires, external strands are covered with non-abrasive UV-resistant Polyester-yarn. Maximum breaking stress 115kN.
Spatial netting: Rope crossing points are localized with durable, forged aluminum-alloy cloverleaf rings and forged aluminum-alloy ballknots (no plastic connections); in situ-replaceable rope strands (no special tools required).
Planar netting: Rope crossing points localized by durable, drop forged aluminum-ballknots (no plastic)