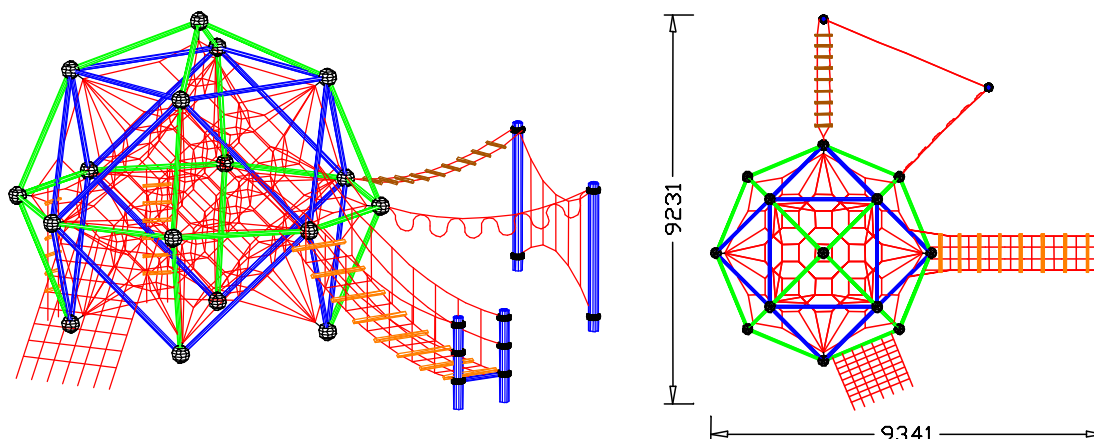




Product Specification

Product Family : UniversNet Structures
Product name : Spaceball L.01
Item number : 90.140.406
Children's age : 5+
Fall Height (EN1176) : 2.0 m (6'-7")
Dimensions: Length, width, height : 9.4 x 9.3 x 4.5 m (30'-9" x 30'-4" x 14'-9")
Protective Surfacing Area required (EN1176) : 12.6 x 12.3 m
Protective Surfacing Area required (ASTM 1487) : 13.0 x 13.0 m (42'-7" x 42'-7")
Minimum space required : EN1176: 96.9 m² / ASTM 1487: 108.2 m²
Number of foundations : 9
Concrete Volume C20/25 (3.000 psi) : 3.2 m³
Number of skilled installers required : 2
Installation time without foundation : 10 hours
Dimensions of largest part : Ø 0.14 x 3.13 m
Weight of heaviest part : 150 kg
Freight volume : 5.4 m³
Gross weight : 950 kg
Spare part guarantee : Lifelong
Certificate according to EN 1176 : No.: Z2 05 10 10256 035 – TÜV Product Service



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

Net structure **UniversSpaceball L.** with one access net, two rope ladders, one 4m-suspension bridge with steel support and one rope loop and a hand-over hand-ladder connected to either end of the steel posts on the harp net.

- Members: **Frameworkx**-steel pipes, Ø 60.3 mm (2 3/8"); anticorrosion treatment and color finish: sandblasting and zinc-/ epoxy-/ polyester-process.
- Nodes: **Frameworkx**-aluminum ball connectors, Ø 250mm (9-13/16"); anticorrosion treatment and color finish: sandblasting and zinc-/ epoxy-/ polyester-process; incorporating an ASTM TT net tensioning system, securely closed with durable ebonite caps.
- Ropes: **U-Rope**-round strand ropes with galvanized steel cores, Ø 16mm (5/8") – unless otherwise noted; external strands are covered with non-abrasive UV-resistant Polyamide-yarn (no Polypropylene!).
- 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 aluminum-ballknots (no plastic)



Product Specification

Suspension bridge:	Net bridge with in situ-replaceable square rungs; rungs comprised of stainless steel profile AISI304 (DIN 1.4301) with aluminum end caps; width and railing height 800mm (31 1/2"), ends fixed with cast aluminum Terranos clamps (outer tread cables and railing net connected to steel support) or with 600kg-shackles (to net structure and inner tread cables connected to steel support).
Rope ladder:	Width 290mm (11-7/16"), distance between rungs 250-300mm (9-13/16" to 11-13/16"), rungs comprised of American ash (alternatively Nylon 6.6), connected to horizontal member of net structure with cast aluminum rope clamps, fixed to the ground with a galvanized anchor plate.
Access net:	Access net, width 1500mm (59-1/16"), mesh width 250x250mm, connected to horizontal member of module with cast aluminum rope clamps. Fixed to the ground with two foundation brackets attached to a horizontal pipe.
Hand-over-hand-ladder:	Width 290mm (11-7/16"), distance between rungs 250-300mm (9-13/16" to 11-13/16"), rungs out of American ash (alternatively Nylon 6.6), connected to horizontal member of net structure and to steel support with cast aluminum rope clamps.
Hand-over-hand rope loops:	All ropes \varnothing 21mm (13/16"), length per loop 300 – 350mm (11-13/16" - 13 3/4")
Harp net:	Two bended edge ropes with five vertical connection cables; all ropes \varnothing 16mm (5/8"), connected at four points to steel posts with cast aluminum Terranos clamps.
Steel supports:	Uprights comprised of steel pipes \varnothing 133 mm (5 1/4") with rounded cast aluminum post tops, minimum wall thickness 7,1mm (1/4"); horizontal members comprised of Frameworkx -steel pipes, \varnothing 60.3 mm (2 3/8"); All connections to upright posts are with cast aluminum Terranos clamps; anticorrosion treatment and color finish: sandblasting and zinc-/ epoxy-/ polyester-process.