Greenville

Triitopia.20 Product Specifications

Published: February 2022

Triitopia.20

Behind the seemingly random construction lies a highly modular system that allows every Triitopia structure to be custom-designed in a shape and size to a maximal extent. A magical world of climbing and adventure where reality and fiction blend together and evolve into the unpredictable interplay of transparent and closed façade elements that are combined in close knit, nestled and asymmetric ways.

Berliner

Play equipment for life

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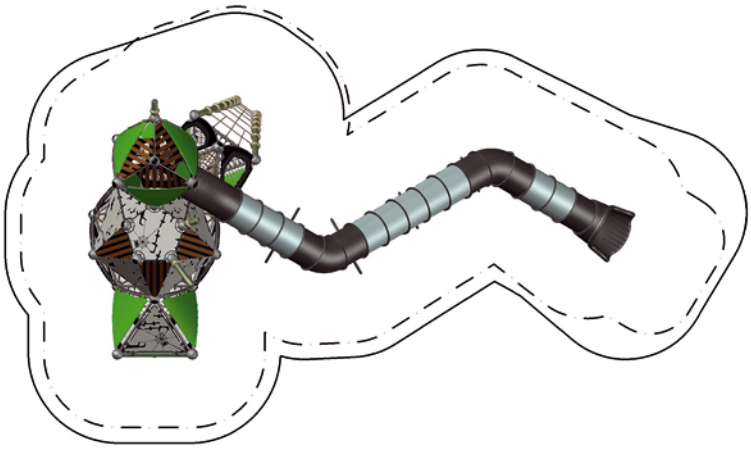
Product Family	**Greenville**
Length x Width x Height (m) Length x Width x Height ('-'')	**5,9 x 12,2 x 7,9** **19-3 x 39-10 x 25-9**
Protective Surfacing Area acc. to DIN EN 1176 (m) Protective Surfacing Area acc. to ASTM/CSA (m) Protective Surfacing Area acc. to ASTM/CSA ('-'')	**9,4 x 15,7** **9,6 x 16,5** **31-3 x 54-0**
Fall Height acc. to EN 1176 (m) Fall Height acc. to ASTM/CSA ('-'')	**2,25** **7-5**
Age	**5-12**
Minimum Space required acc. to DIN EN 1176 (m^2) Minimum Space required acc. to ASTM 1487 (ft^2)	**63** **1,119.5**
Number of Foundations	**12**
Concrete Volume C20/C25 (ft^3)	**284.3**
Number of skilled Installers required	**3**
Installation Time without Foundation	**40 hours (excl. slide)**
Dimensions of largest Part	**135 13/16" x Ø 5 1/4"**
Weight of heaviest Part (lbs)	**330.7**
Shipping Volume (ft^3)	**On request**
Total Weight (lbs)	**On request**
Spare Part Guarantee	**Lifelong**

The dimensions of the equipment and protective surfacing area have been rounded up to one decimal digit.



Technical Data

Technical changes are reserved. The following text can also be used for tenders.

Posts:
The bent steel posts with a diameter of Ø 5 1/4" and wall thicknesses between 3/16" and 3/8" are watertight sealed with rounded aluminum tops.

Tubes:
A combination of straight and curved Frameworx® steel tubes with a diameter of Ø 2 3/8". They are connected via Frameworx® aluminum balls.

Balls:
The Frameworx®-aluminum ball connectors with a diameter of Ø 9 13/16" are in combination with spatial nets equipped with the internal, patented AstemTT® tensioning system. They are all securely closed with durable EPDM caps.

Terranos clamps:
The two-part Terranos® aluminum clamps are used in conjunction with different connections for the height-adjustable connection to the posts. The shackle and Frox connections are used for ropes and moveable parts and when connecting stainless steel chains and posts, clamps with Chrox connection are used.

Ropes:
U-Rope®-round strand ropes with galvanized steel cores and diameters of Ø 5/8" and 11/16". The external strands are covered with high abrasion-resistant and UV-resistant polyester-yarn (no Polypropylene).

The posts, balls, and Terranos-Clamps are sandblasted and color powder-coated in a solvent-free epoxy-polyester stoving process.

Spatial Net & Planar Net:
Rope crossing points are localized with durable, forged aluminum-alloy cloverleaf rings, aluminum-alloy ball-knots, T-connectors and barrel-ferrule (no plastic connections) in situ-replaceable rope strands.

Access Net:
Rope with Ø 5/8" and a mesh size of at least 11 13/16" x 11 13/16". The rope crossing points are localized by durable, drop forged aluminum-ballknots (no plastic).

HDPE Roof and Wall Panels:
Dyed HDPE panels with a thickness of 3/4" for the roofs and straight, 2-colored walls and 3/8" for the bent side walls. The surface is grained and all edges are rounded. The attachment is made by cast aluminum pipe clamps to the tubes in the main frame.

Bamboo Panels:
Bamboo strips 3 1/2" mounted on HDPE-panels with 3/4" thickness and rounded edges, attached to the tubes of the framework with aluminum plate clamps.

Safety Net Frames:
Stainless steel tube frame with Ø 1 1/16" and a thickness of 1/16", filled with stainless steel safety nets made of steel rope with Ø 1/16" and a mesh size of 1 9/16" x 2 15/16". The frame is fastened with cast aluminum clamps to the respective tubes in the main frame.

Slide:
A shatterproof PE tube slide with clear, durable windows that allow to see out and inside.