

Terrano.1728 – Product Specification



Terranos net landscapes – straight posts and connecting elements

Our netscapes offer children of all ages plenty of space for any kind of climbing, crawling, balancing and other physical activities. The highly accessible components are also the ideal place to get engaged in imaginative play or just hang around and relax.

The range of rope accessories can turn any space into a netscape. Whether straight or sloping, there is always space for a two-dimensional or a hand-over-hand climbing component. And if a tree should be in the way, we simply integrate it and make it the focal point of your playground.

Terrano.1728 – at a glance.

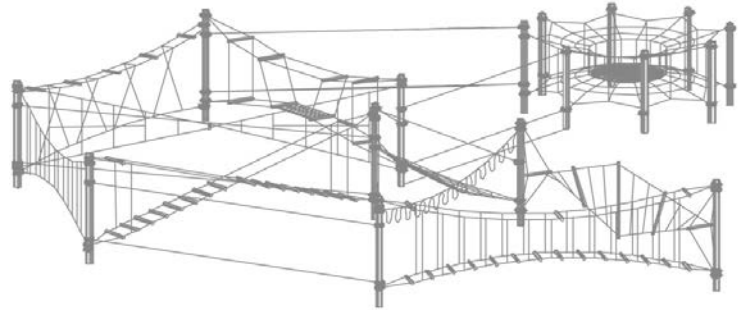
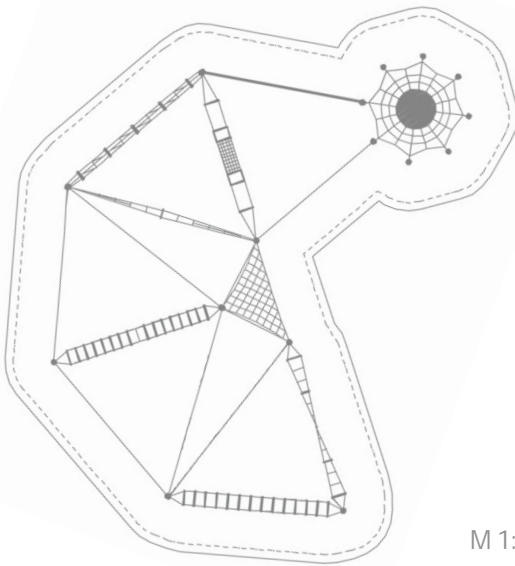
Product Family:	Terranos & Terranova	Number of Foundations:	16 pc.
Item Number:	95.171.728	Concrete Volume C20/C25:	12.2 m³ (430.8 ft³)
Children's Age:	5+	Number of skilled installers required:	3
Fall Height (DIN EN 1176):	1.70 m	Installation Time without foundation:	12 hours
Length x Width x Height:	19.9 m x 17.4 m x 2.4 m (65'-4" x 57'-2" x 7'-11")	Dimensions of largest part:	3.0m x 0.8 m x 0.4 m (9'-10" x 2'-6" x 1'-5")
Protective Surfacing Area (DIN EN 1176):	20.4 m x 21.1 m	Weight of heaviest part:	120 kg (264.6 lbs)
Protective Surfacing Area (ASTM 1487):	21.0 m x 21.8 m (68'-11" x 71'-4")	Shipping Volume:	10 m³ (353.1 ft³)
Minimum space required DIN EN 1176:	269.4 m²	Spare part guarantee:	Lifelong
Minimum space required ASTM 1487:	293.5 m² (3,158.9 sf)	Certificate according to DIN EN 1176:	No.: Z2.16.01.10256.255 TÜV Product Service


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M 1:300

Technical Data.

The following text can also be used for tenders.

- Planar Net
- Hand-over-hand rope loops
- Balancing ropes with handrail
- Octagon Star Climber
- Inverted ladder
- Crossed Stairway
- Sway bridge
- Layaway walk
- Floating net
- Net helix
- Slackline
- Harp net
- Swinging rope

Ropes:

U-Rope®-round strand ropes with galvanized and covered wires: external strands with non-abrasive UV-resistant Polyester-yarn (no Polypropylene); rope-diameter \varnothing 16 mm (5/8")

Posts:

Steel pipes \varnothing 133 mm (5 1/4"); wall thickness 5 - 10 mm (3/16" - 3/8") with a round cast aluminum post top; anti-corrosion treatment and color finish: sandblasting and solvent-free zinc-/ epoxy-/ polyester-process

Terranos clamps:

Two-part cast aluminum connecting clamps for the height-adjustable connection of rope elements or steel pipes to Terranos steel posts; anti-corrosion treatment and color finish: sandblasting and solvent-free zinc-/ epoxy-/ polyester-process

Planar Net:

Rope \varnothing 16 mm (5/8"); mesh size minimum 250 x 250 mm (9-4/5"); rope crossing points localized by durable, drop forged aluminum ballknots (no plastic)

Hand-over-hand-loop-rope:

All ropes \varnothing 20 mm; length per loop approx. 110 mm clear diameter; loops durable fixed to a horizontal rope with aluminum ferrules

Balancing rope:

Ropes \varnothing 16 mm (5/8"); height of handrail approx. 900 mm (2-7 1/2"); consists of 1 balancing cable and 1 handrail; rope ends are fixed with cast aluminum Terranos clamps to steel posts


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Octagon Star Climber (Terrano.1684):

fourfold suspended structure for climbing and jumping; Rope Ø 16 mm (5/8"); in situ-replaceable rubber membrane comprised of durable, vandal-resistant conveyor belt material in the center; rope crossing points localized by durable, drop forged aluminum ballknots (no plastic); 8 Steel posts Ø 133 mm (5 ¼")

Inverted ladder:

Folded suspension bridge; rope Ø 16 mm (5/8"), 5 rungs with durable stainless steel tubes Ø 60.3 (2"), both ends closed with durable aluminum caps (no wood or plastics), in situ-replaceable; connected to steel post with shackle (600 kg) and bracket

Crossed Stairway:

X-shaped suspension bridge; rope Ø 16 mm (5/8"); 18 rungs with durable stainless steel profile, both ends closed with durable and replaceable aluminum caps (no wood or plastics); in situ-replaceable; connected to steel post with shackle (600 kg) and bracket

Sway bridge:

Arched suspension bridge; rope Ø 16 mm (5/8"); 17 rungs with durable stainless steel profile, both ends closed with durable and replaceable aluminum caps (no wood or plastics); in situ-replaceable; connected to steel post with shackle (600 kg) and bracket

Layaway walk:

zig-zag-shaped suspension bridge; rope Ø 16 mm (5/8"); black polyamide rungs: Ø 40 mm (1-3/5"); connected to steel post with shackle (600 kg) and bracket

Floating net:

Suspension bridge; rope Ø 16 mm (5/8"); planar net approx. 120 x 60 cm, mesh size approx. 10 x 10 cm; rope crossing points localized by durable, drop forged aluminum ballknots (no plastic); 8 rungs with durable stainless steel profile, both ends closed with durable and replaceable aluminum caps (no wood or plastics); in situ-replaceable; connected to steel post with shackle (600 kg) and bracket

Net helix:

Folded suspension bridge; rope Ø 16 mm (5/8"), black polyamide rung: Ø 40 mm (1-3/5"); connected to steel post with shackle (600 kg) and bracket

Slackline:

2 parallel ropes, Ø 18 mm (11/16"); aluminum rope clamps at regular intervals; connected to steel post with Chrox connectors

Harp net:

Two bended edge ropes with five vertical connection cables; all ropes Ø 16 mm (5/8"); connected at four points to steel posts with cast aluminum Terranos clamps

Swinging Rope:

Rope Ø 20 mm; 2 rope loops, approx. 1 m clear diameter; loops durable fixed to a horizontal rope with pressed aluminum ferrules; pivoted horizontal rope is connected to two-part cast aluminum connecting clamps

