

## Terranova.3 - Product Specification



### Terranova – Bent posts and four stunning designs

Terranova is a theme based fully modular low rope course system. While based on the same components as Terranos, Terranova scores with its organic appearance. Bent posts, contrasting clamp colours and the newly developed Chrox connector make Terranova a modern netscape package.

The four themes earth, fire, water and air give Terranova the right look whether you want to let it stand out from nature or blend in with it. Terranos structures are available in a Terranova theme as well.

### Terranova.3 – at a glance.

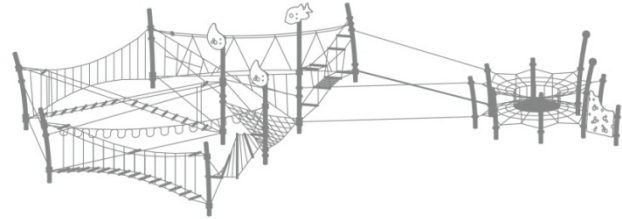
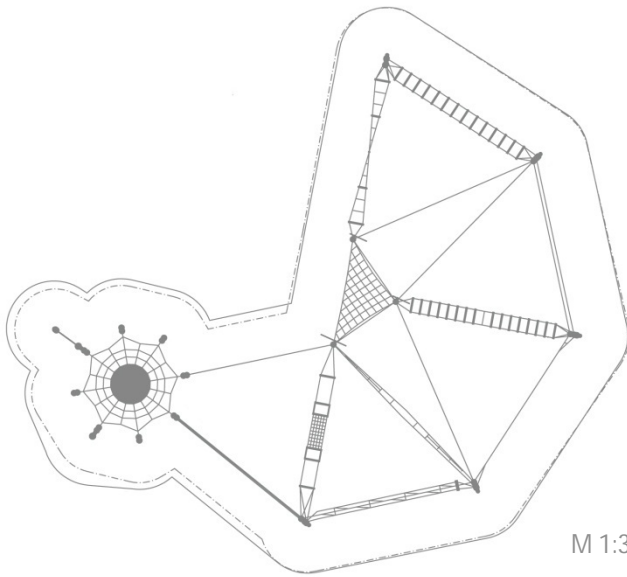
Product Family:	<b>Terranos &amp; Terranova</b>	Number of Foundations:	<b>17 pc.</b>
Item Number:	<b>96.180.003</b>	Concrete Volume C20/C25:	<b>6.4 m<sup>3</sup> (226.0 ft<sup>3</sup>)</b>
Children's Age:	<b>5+</b>	Number of skilled installers required:	<b>2</b>
Fall Height (DIN EN 1176):	<b>2.20 m (7'-3")</b>	Installation Time without foundation:	<b>10 hours</b>
Length x Width x Height:	<b>19.3 m x 18.8 m x 5.0 m (63'-1" x 61'-8" x 16'-4")</b>	Dimensions of largest part:	<b>Ø 0.1 m x 5.3 m (Ø 0'-4" x 17'-5")</b>
Protective Surfacing Area (DIN EN 1176):	<b>22.6 m x 22.1 m</b>	Weight of heaviest part:	<b>116.6 kg (256 lbs)</b>
Protective Surfacing Area (ASTM 1487):	<b>22.6 m x 22.1 m (73'-8" x 75'-1")</b>	Shipping Volume:	<b>Upon Request</b>
Minimum space required DIN EN 1176:	<b>306.5 m<sup>2</sup></b>	Spare part guarantee:	<b>Lifelong</b>
Minimum space required ASTM 1487:	<b>308.7 m<sup>2</sup> (3,322.8 sf)</b>	Certificate according to DIN EN 1176:	<b>AL 12 05 10256 093 TÜV Product Service</b>

  
**Berliner**  
 Berliner Seilfabrik GmbH & Co.  
 Lengeder Straße 2/4  
 D-13407 Berlin

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

info@berliner-seilfabrik.com  
 www.berliner-seilfabrik.com

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## Technical Data.

The following text can also be used for tenders..

- Planar Net
- Floating Net
- Crossed stairway
- Inverted ladder
- Sway bridge
- Layaway walk
- Net helix
- Slackline
- Hand-over-Hand-Loop-Rope
- 3 Balancing Cables with Handrails
- Harp Net
- Octagon Star Climber
- Climbing Wall



### Ropes:

U-Rope®-round strand ropes with galvanized and covered wires; external strands with non-abrasive UV-resistant Polyester-yarn (no Polypropylene): Ø 18 mm (11/16")

### Terranova posts:

Terranos® steel posts are bent in a little bow ( $r=9000$  mm) with individual round cast aluminum post tops and Terranos-clamps with Chrox-connectors; Ø 133 mm (5 ¼"); wall thickness 7.1 mm (1/4"); 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 Ø 18 mm (11/16"); 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 Ø 20 mm; length per loop approx. 110 mm clear diameter; loops durable fixed to a horizontal rope with aluminum ferrules

### Balancing rope:

Ropes Ø 18 mm (11/16"); height of handrail approx. 900 mm (2-7 ½"); consists of 1 balancing cable and 1 handrail; rope ends are fixed with cast aluminum Terranos clamps to steel posts

  
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## Technical Data.

### Octagon Star Climber (Terrano.1684):

fourfold suspended structure for climbing and jumping; Rope Ø 18 mm (11/16"); 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 18 mm (11/16"), 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 18 mm (11/16"); 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 18 mm (11/16"); 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 18 mm (11/16"); 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 18 mm (11/16"); 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 18 mm (11/16"), 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 18 mm (11/16"); connected at four points to steel posts with cast aluminum Terranos clamps

### Terranova climbing wall:

HDPE-panels available in the design according to the net structure (Fire, Earth, Water and Air)

### Terranova Symbol/Character:

HDPE-panels available in the design according to the net structure (Fire, Earth, Water and Air)

