Boomerang

COR16102

Item no. COR161021-0904	
General Product Information	
Dimensions LxWxH	2166x1421x281 cm
Age group	5+
Play capacity (users)	64
Colour options	🔴
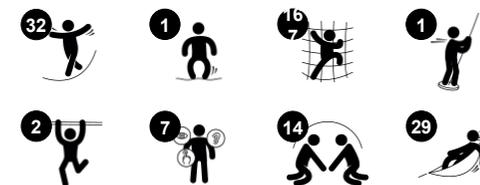
The amazing Boomerang has a varied net-scape offering a wealth of play opportunities that will make older children want to play time and time again. The inclusive design and open ended activities on ground level invite all users, including parents. The spacious upper net dips to form valleys with varied climbing challenges above and below, all stimulating the cross-coordination, balance and spatial awareness of the child. The Boomerang is thrilling play, and benefits the child's ability to navigate spaces confidently, for instance, in crowds. The wide, sloping membrane adds a fun, bouncy glide and climb experience, that trains the sense of balance and core muscles. Under the net, a forest of swaying ropes add a new balance and climb experience. This is a fabulous meeting and seating place for large groups of children. (Design: Annabau)

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Climbing valley w. tight rope sides
Physical: varied climbing up and down and balancing across tight ropes with vertical support ropes train balance, coordination and muscles intensely. **Social-Emotional:** cooperation and consideration when balancing and climbing with others. The parallel tight ropes and vertical net walls inspire positive competition.

Horizontal net area
Physical: cross coordination when crawling across. **Social-Emotional:** thrill when looking down from up high. Socializing with friends seated on the net.
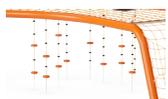
Swaying rope area
Physical: agility, balance and cross coordination when climbing from one to the next seat in the swaying ropes. Proprioception and muscles when climbing upwards on the rope. **Social-Emotional:** cooperation with friends, breaks with friends. **Cognitive:** spurs rules games such as the-ground-is-lava.

Membrane glide
Physical: sense of balance and space when gliding down, cross coordination and major muscle groups when climbing up the membrane. **Social-Emotional:** cooperation and consideration of others, turn-taking.

Vertical climbing funnel
Physical: develops cross coordination and trains major muscles when climbing up or down. **Social-Emotional:** socializing and friendly competition when climbing up and down with friends.

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Ropes of UV-stabilized PES rope strands with inner steel cable reinforcement. The polyester yarn is made from +95% post-consumer materials and is inductively melted onto each strand. The ropes are highly wear-and vandalism-resistant and can be replaced at site if needed.

Corocord 'S' clamps are used as universal connections in Corocord products. 8mm stainless steel rods with rounded edges are pressed around the ropes with a special hydraulic press, making them the ideal connector: safe, durable and vandalism-proof, all while allowing the typical movement of rope play structures.

The steel surface of these bended steel pipes are wet painted with one basic layer and one top layer of lead free colour material. The paint has excellent corrosion resistance and can be easily maintained.

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Installation Information	
Max. fall height	281 cm
Safety surfacing area	253.8 m²
Total installation time	121.6 hours
Excavation volume	23.83 m³
Concrete volume	12.90 m³
Footing depth (standard)	90 cm
Shipment weight	7,658 kg
Anchoring options	In-ground ✔
Warranty Information	
Aluminium clamps	10 years
Corocord rope	10 years
Membrane	2 years
S-Clamps	10 years
Spare parts guaranteed	10 years

Corocord membranes consist of friction-proof rubberized material of conveyor belt quality with excellent UV resistance. Tested and compliant with REACH requirements for PAH. Embedded is a four-layered armouring made of woven polyester. The armouring and the two surface layers result in a total thickness of 7.5 mm.

Fully coloured EPDM rubber discs with smooth surface. The moulded EPDM surrounds a hot dip galvanised steel core that ensures both the stability of the discs and durable fixation to the rope.

The aluminium swages of the net are double conical with rounded ends and are as small as safety allows. The overall net design aims at keeping metal parts within the net to an absolute minimum, both in size and number, in order to provide the best possible rope climbing experience.

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Sustainability Data

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Cradle to Gate A1-A3	Total CO₂ emission	CO₂e/kg	Recycled materials
	kg CO₂e	kg CO₂e/kg	%
COR161021-0904	13,940.33	2.73	49.14

The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle Assessment approach to the entire Product stage from raw material through manufacturing (A1-A3))

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Validation of CO₂ calculation method
BUREAU VERITAS
HSE Denmark A/S

Verification of CO₂ calculation of:
Corocord
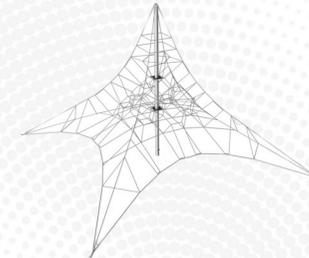
Data version no. 2023-10-05

The CO₂ calculation and data are in compliance with the principles of a carbon footprint impact according to the GHG protocol (Greenhouse Gas Protocol), Scope 3, cradle to gate related to all individual components in the product category: "Corocord" represented by item no.: COR314011-1101.

(Scope 3 emissions include emission sources in the upstream and downstream value chain).

Date: 30. October 2023 | Valid until: 30. October 2025
Verified by:

Julie Marie Vejsgaard Larsen, LCA & EPD Consultant

Verification based on report: Validation of CO₂ calculation of 9 categories of Kompan product line, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Julie M. V. Larsen.

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TOP VIEW (left diagram)

2569

2166

250

1918

1421

250

150

COR161021
*281cm
**281cm
***253.8m²

SIDE VIEW (right diagram)

COR161021

*281

**281
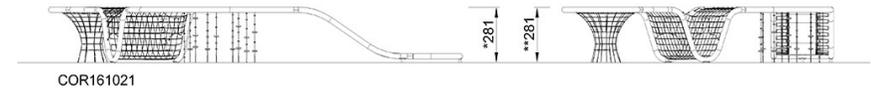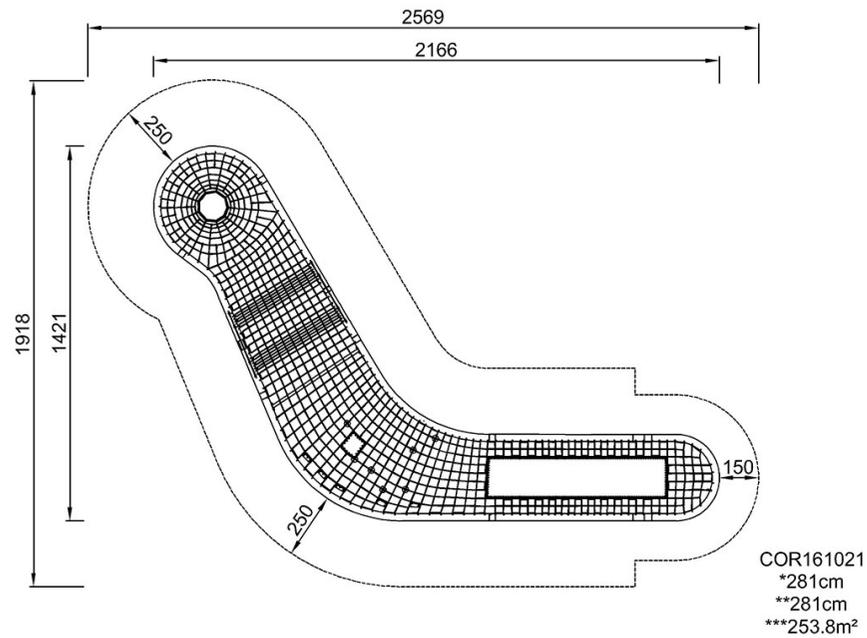
Click to see TOP VIEW

Click to see SIDE VIEW

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