
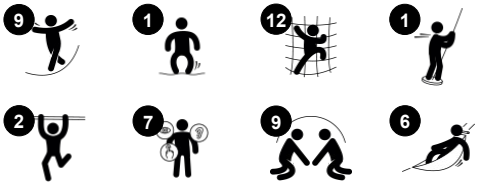
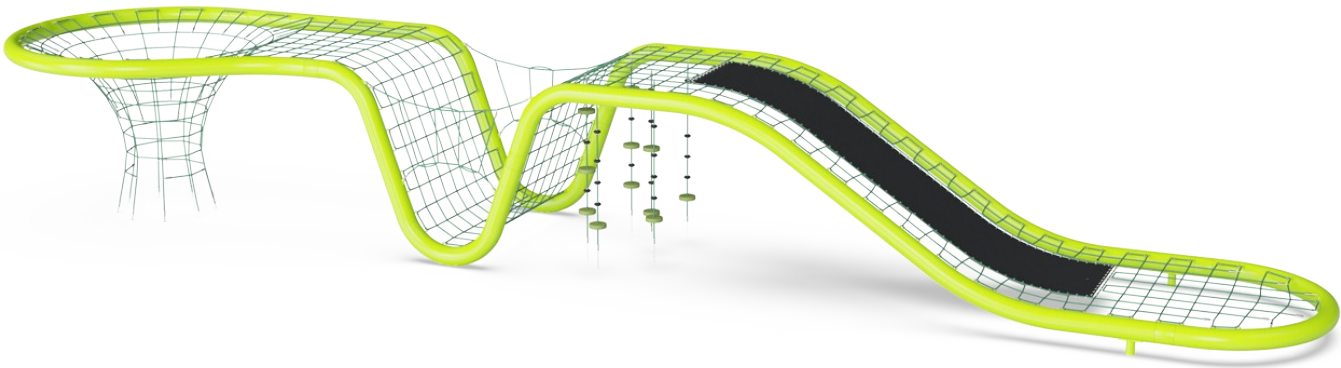


Wave

COR16500

Item no. COR165001-0803	
General Product Information	
Dimensions LxWxH	64'6"x14'11"x9'2"
Age group	5 - 12
Play capacity (users)	55
Color options	



Wow! The Wave puts thrill in motion for older children and their adult companions alike. Families and neighbors will come together to ride the waves, challenging their bodies and stimulating their minds. The structure is carefully designed to inspire a range of movements and encourage people to play in various ways each time they come to the

playground. This helps to sustain play and adds incredible value to the playground experience. When children climb the structure, they strengthen their physical skills, especially agility, balance, and coordination, the ABCs of fitness. At the same time, this structure

provides the perfect social space that will encourage children to meet friends, strengthening social bonds. This wave structure also supports imagination and fantasy play, nourishing children's well-being. (Design: Annabau)



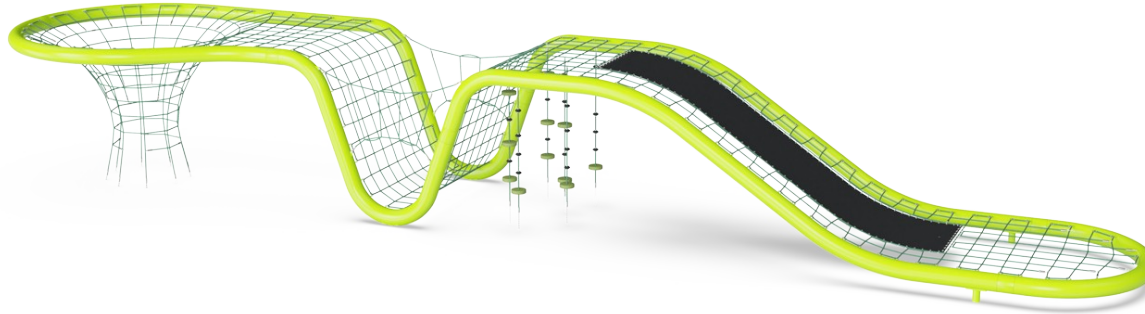
Wave

COR16500



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.



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.



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.



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.



Swaying rope area

Physical: agility, balance and cross-coordination when climbing from one seat to the next on 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.



Corocord ropes with 19mm diameter or more are special 'Hercules' - type with galvanized six-stranded steel wires. Each strand is tightly wrapped with PES yarn, which is melted onto each individual 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.



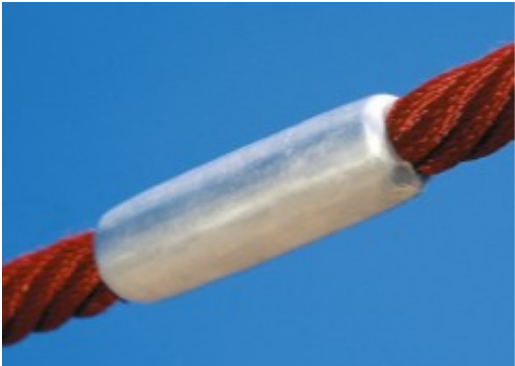
The steel surface of these bended steel pipes are wet painted with one basic layer and one top layer of lead free color material. The paint has excellent corrosion resistance and can be easily maintained.



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 armoring made of woven polyester. The armoring and the two surface layers result in a total thickness of 7.5 mm.



Fully colored EPDM rubber discs with smooth surface. The moulded EPDM surrounds a hot dip galvanized 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.

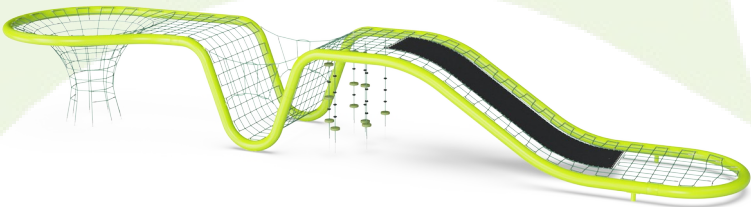
Item no. COR165001-0803	
Installation Information	
Max. fall height	9'2"
Safety surfacing area	1692ft²
Total installation time	103.0
Excavation volume	13.62yd³
Concrete volume	7.85yd³
Footing depth (standard)	2'7"
Shipment weight	9717lbs
Anchoring options	In-ground ✓
Warranty Information	
Aluminum clamps	10 Years
Corocord Rope	10 Years
Membrane	2 Years
S-Clamps	10 Years
Spare Parts Availability	10 Years

Elevated activities 0	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	0	1	1
Required	0	1	1

ASTM
F1487
compliant

Sustainability Data

COR16500



Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
COR165001-0803	12,433.40	2.67	49.00

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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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.

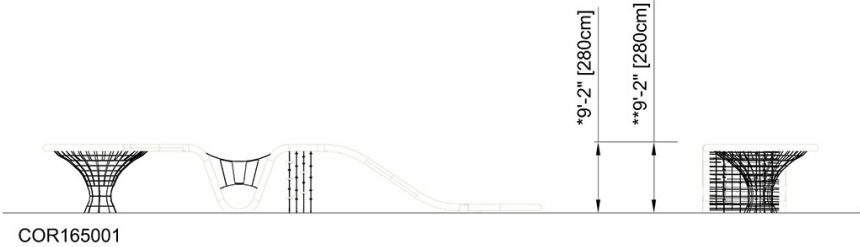
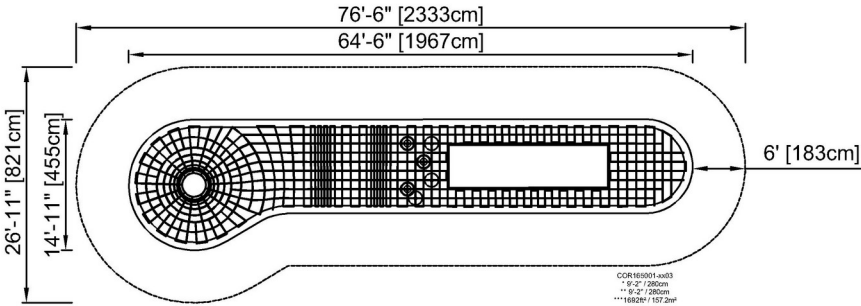
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* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



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[Click to see SIDE VIEW](#)