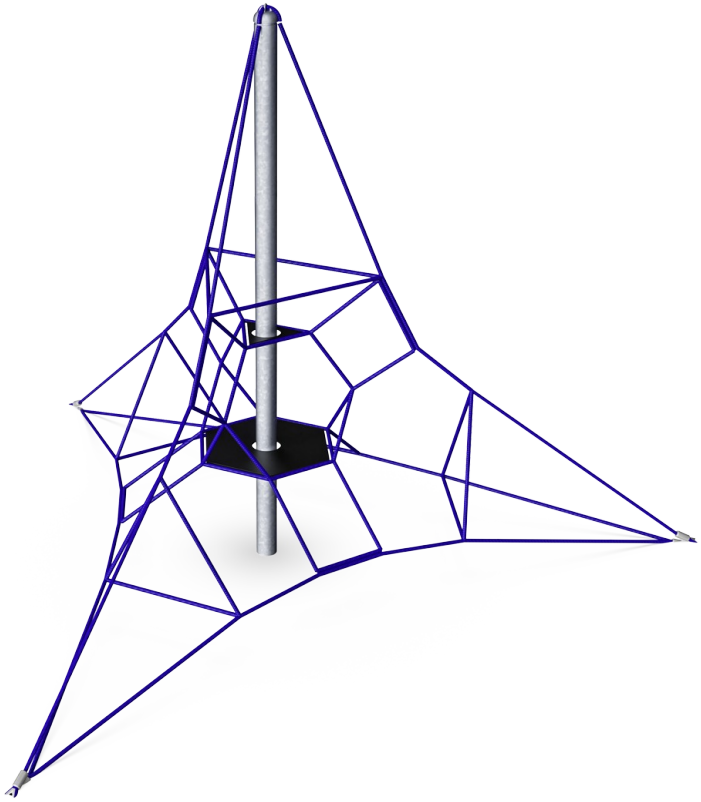
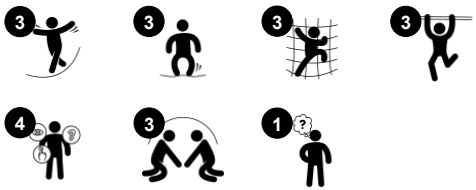
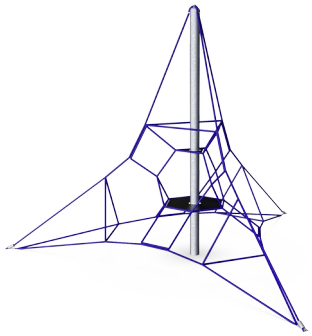
Tetrahedron

COR24501



Item no. COR245011-1002	
General Product Information	
Dimensions LxWxH	432x376x290 cm
Age group	2 - 5
Play capacity (users)	10
Colour options	





The simple and elegant Tetrahedron inspires movement and allows children to explore it's triangular shapes. Climbing the structure encourages stretching and agility, important for physical development in the early years. The responsive nets are designed to allow children to experience the effects of their movements on the structure, while also feeling the movements of others and encouraging social development as they become aware of others. The membrane in the middle offers a space to steady and also to rest, if needed. Children will enjoy the social side while playing with their friends in the open design. An element of fantasy play can be introduced as young children imagine they are climbing a ship mast or conquering a mountain!

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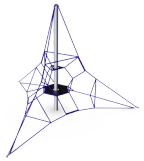
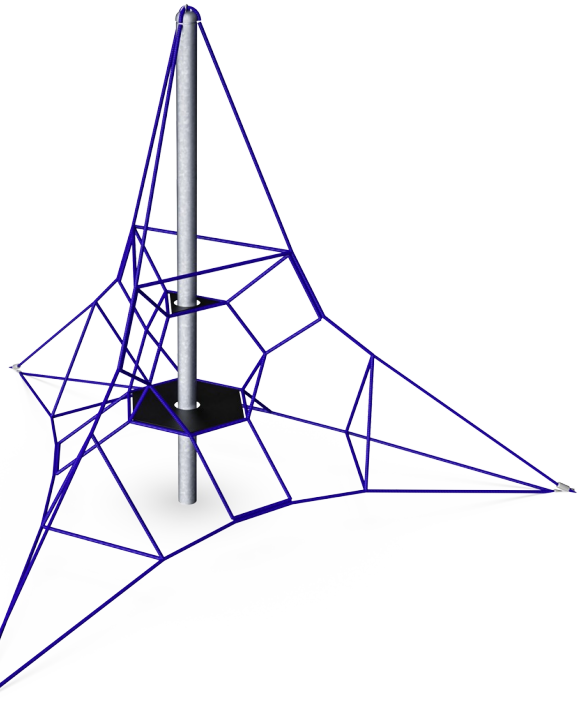
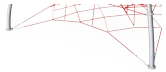
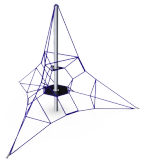


Transparency
Social-Emotional: the transparency makes possible cooperation and communication throughout, all important life-skills for children to learn.



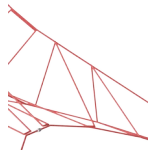


Sturdy, lower rungs
Physical: the stiff bounce of the lower rung supports balance and coordination as well as strengthens bone density when jumping down. **Social-Emotional:** great meeting point allowing socializing.



Big meshes
Physical: the big meshes allow for climbing and crawling, supporting proprioception, cross coordination and spatial awareness. Climbing here takes muscle strength, pushing and pulling arms to get upwards. **Social-Emotional:** allow more children being seated together, sharing.

Membrane
Social-Emotional: the membrane allow for more children to sit together and talk.



Bouncy net meshes
Physical: agility, balance and coordination as well as spatial awareness are supported when bouncing, climbing and sitting in the net. Children use muscle strength of arms, legs and core, and build bone density when jumping down. **Social-Emotional:** the bouncing , swaying net appeals to empathy and cooperation. **Cognitive:** physical memory, logical thinking, concentration.

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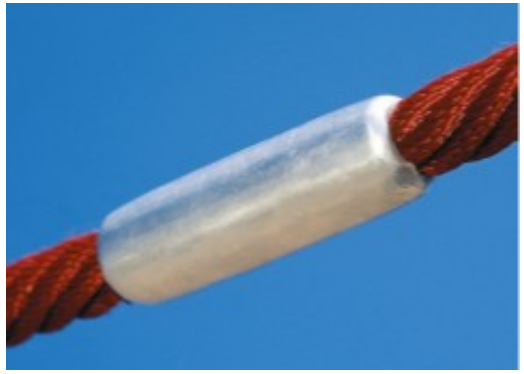
Ropes of UV-stabilized PES rope strands with inner steel cable reinforcement. The polyester yarn is made from +95% post-consumer materials and is inductively melted onto each strand. The ropes are highly wear-and vandalism-resistant and can be replaced at site if needed.

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 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.

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.

In the centre of the net is the mast, made of high quality seamless steel. The structure of the mast as an oscillating support is statically favourable and equalizes the oscillations in the net. The masts are hot dip galvanised as standard, with the design option of additional powder coating.

Through KOMPAN Variant Team, you can choose between additional 7 rope colours and customize your solution. The assortment is a wide span of colours ranking from elegant and expressive black or natural and toned-down hemp colour, to a range of attractive and eye-catching signal colours.

Item no. COR245011-1002

Installation Information	
Max. fall height	110 cm
Safety surfacing area	40.2 m²
Total installation time	6.6
Excavation volume	2.56 m³
Concrete volume	1.79 m³
Footing depth (standard)	100 cm
Shipment weight	183 kg
Anchoring options	In-ground ✔

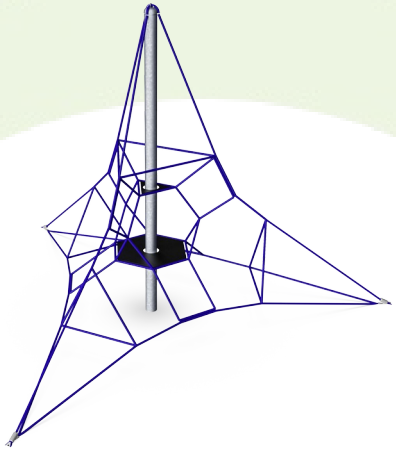
Warranty Information	
Aluminium clamps	10 years
Corocord rope	10 years
Membrane	2 years
S-Clamps	10 years
Spare parts guaranteed	10 years

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

CSA Z614 compliant

Sustainability Data

COR24501



Cradle to Gate A1-A3	Total CO_2 emission	CO_2e/kg	Recycled materials
	kg CO_2e	kg CO_2e/kg	%
COR245011-1002	453.55	2.96	49.92

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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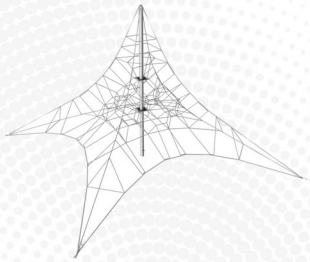
Validation of CO_2 calculation method
BUREAU VERITAS
HSE Denmark A/S

Verification of CO_2 calculation of: Corocord



Data version no. 2023-10-05

The CO_2 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 CO_2 calculation of 9 categories of Kompan product line, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Julie M. V. Larsen.

Publication date: 30. October 2023

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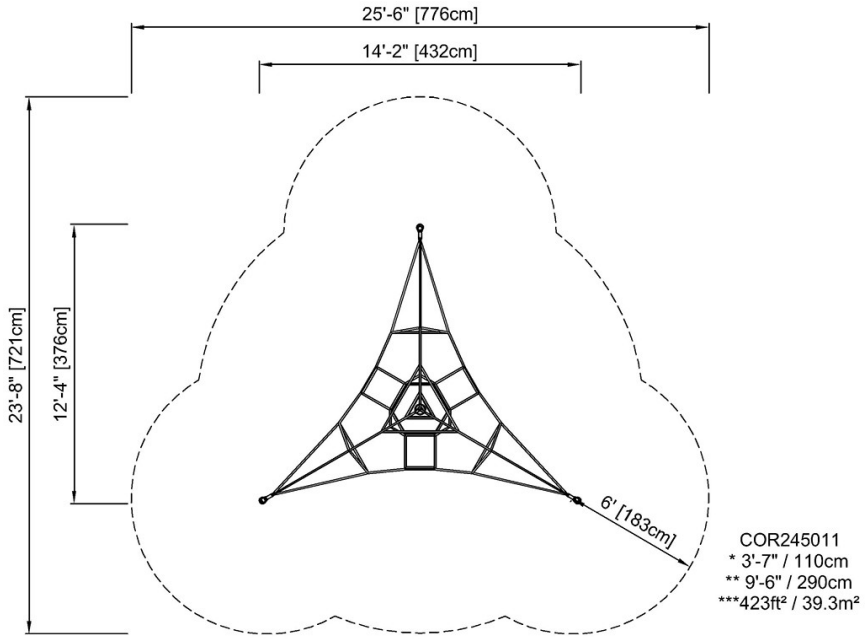
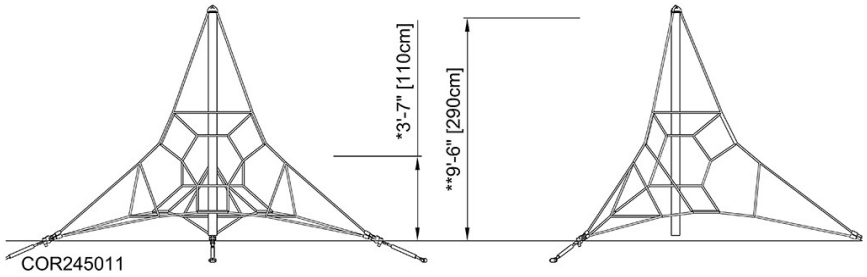
* Max fall height | ** Total height | *** Safety surfacing area	* Max fall height | ** Total height





Click to see TOP VIEW

Click to see SIDE VIEW