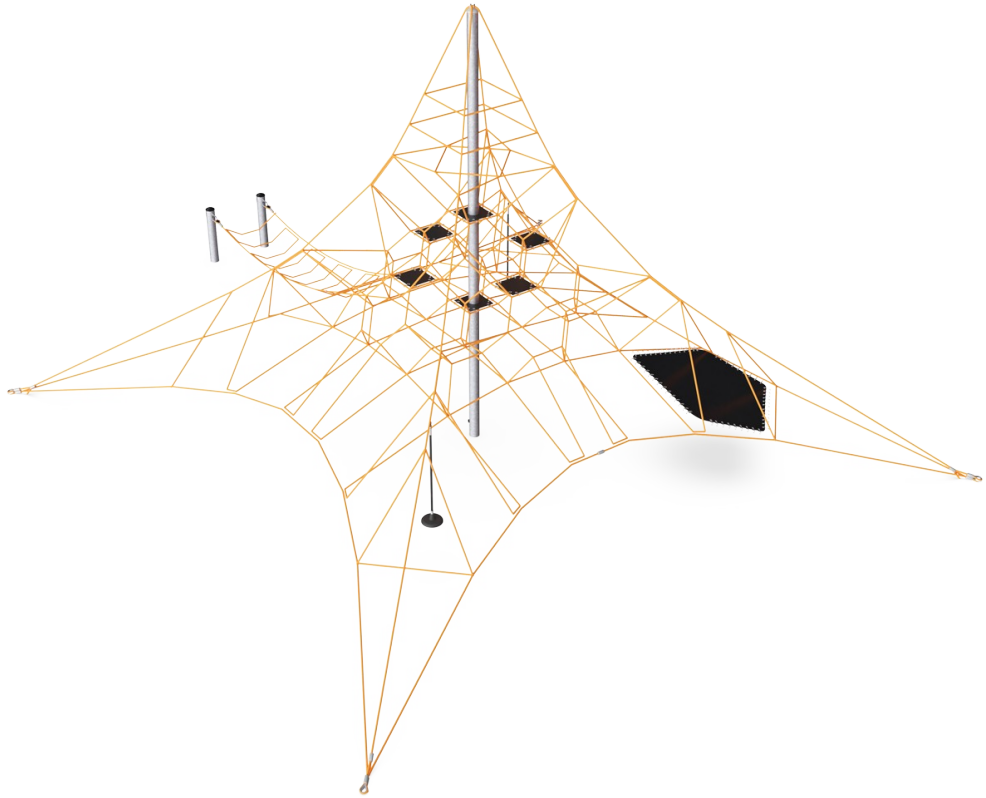
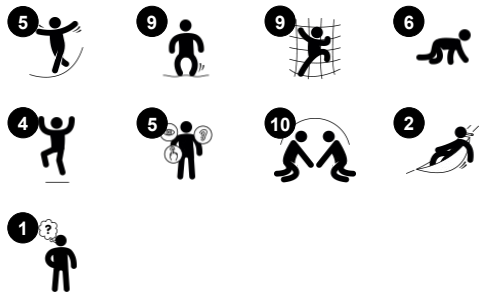
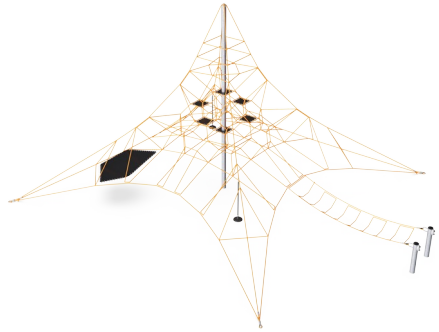
Small Spacenet & Bouncing Membrane

COR10120



Item no. COR101201-1104	
General Product Information	
Dimensions LxWxH	1095x900x580 cm
Age group	5+
Play capacity (users)	44
Colour options	





The Small Spacenet & Bouncing Membrane is a bouncy, transparent play structure that encourages children to climb to the top. The feeling of achievement when having climbed to the top is phenomenal, attracting children again and again trying different routes each time. Climbing or swaying in the bouncy net with pendulum seats is challenging and immensely fun. The Small Spacenet trains the motor skills' ABC: Agility, Balance and Coordination. Major muscle groups are used when children climb, including; arms push and pull, legs push and the core provides stability. The rope membranes invite breaks and rest points where children's social-emotional skills are developed.

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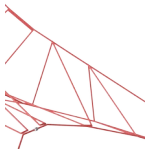
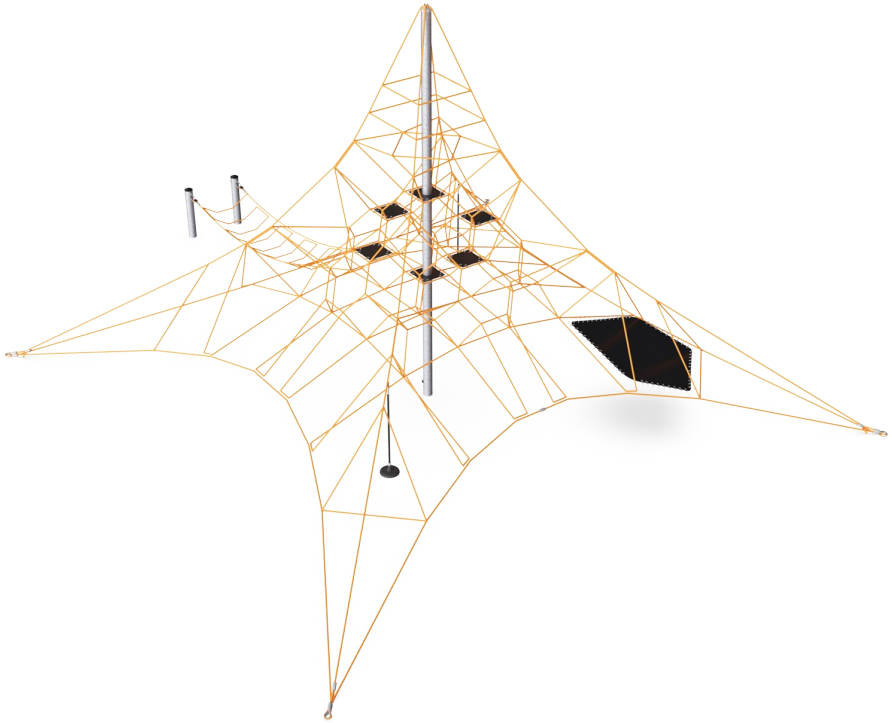
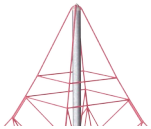


Bouncy net meshes
Physical: agility, balance and coordination as well as spatial awareness are supported when bouncing, climbing and sitting in the net. Children use muscle strength of arms, legs and core, and build bone density when jumping down. **Social-Emotional:** the bouncing , swaying net appeals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



Membrane
Physical: the bouncy membrane develops the sense of balance when the child stands, steps or sits here. A faster way up, due to the extra support of the membrane. **Social-Emotional:** a meeting point for retreat from the rope landscape.

Waggle bridge
Physical: sense of balance and training of cross coordination. Important for other skills such as being able to sit still. **Social-Emotional:** turn-taking and helping others when climbing up.



Highest rungs
Physical: spatial awareness is supported, arm muscles when holding tight. **Social-Emotional:** children develop courage, self-confidence, consideration and turn-taking, all important life skills.

Sturdy, lower rungs
Physical: the stiff bounce of the lower rung supports balance and coordination as well as strengthens bone density when jumping down. Hanging from the arms trains back and upper body muscles, supporting good posture. These are a growing concern for children due to sedentary lifestyles. **Social-Emotional:** great meeting point allowing socializing.

Mast
Physical: the slightly swaying mast stimulates children's muscles and motor skills when they hold tight climbing the net. **Social-Emotional:** children develop courage and self-regulation when climbing up high. This positively affects self-confidence.

Pendulum seat
Physical: swaying movement supports the sense of balance as well as core and arm muscles when holding tight. **Social-Emotional:** socializing and turn-taking when deciding who should sit here.

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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 spacenets' main bearing ropes are equipped with an additional safety feature: should the main connections fail, the safety rope prevents collapse of the structure.

Item no. COR101201-1104

Installation Information	
Max. fall height	185 cm
Safety surfacing area	126.6 m²
Total installation time	19.4
Excavation volume	9.68 m³
Concrete volume	6.16 m³
Footing depth (standard)	110 cm
Shipment weight	781 kg
Anchoring options	In-ground ✔

Warranty Information	
Corocord rope	10 years
Membrane	2 years
S-Clamps	10 years
Spare parts guaranteed	10 years
Steel post HDG	Lifetime

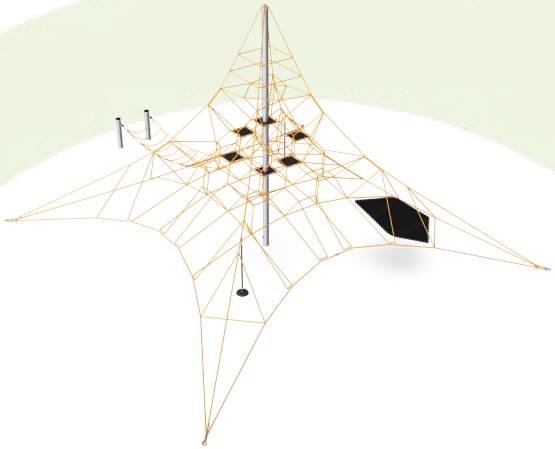
Corocord membranes consist of friction-proof rubberized material of conveyor belt quality with excellent UV resistance. Tested and compliant with REACH requirements for PAH. Embedded is a four-layered armouring made of woven polyester. The armouring and the two surface layers result in a total thickness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

Huge spacenet structures are secured to the foundation with a system of three turnbuckles. Horizontal and vertical edge cables are fixed to individual turnbuckels, wich then connect to individual steel anchors. This system ensures that each edge cable can be tensioned separately and increases strucutral safety by way of independent anchoring.

Sustainability Data

COR10120



Cradle to Gate A1-A3	Total CO_2 emission	CO_2e/kg	Recycled materials
	kg CO_2e	kg CO_2e/kg	%
COR101201-1104	1,951.66	3.38	43.97

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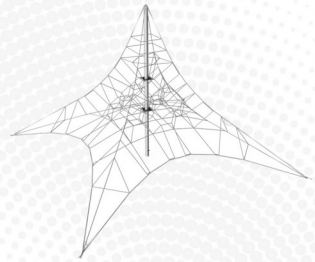
Validation of CO_2 calculation method
BUREAU VERITAS
HSE Denmark A/S

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.

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Data is subject to change without prior notice.

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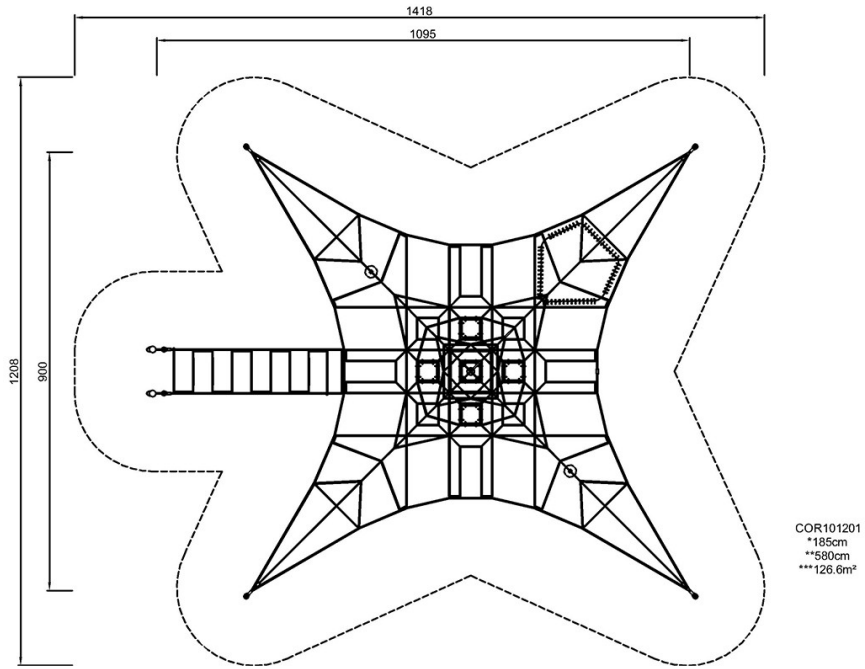
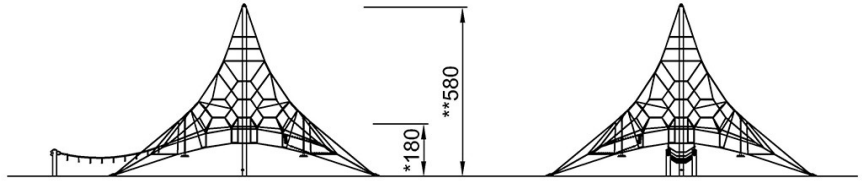
* Max fall height | ** Total height | *** Safety surfacing area	* Max fall height | ** Total height





COR101201

Attention! Foundation anchor blocks exceeds safety zone area. See installation instructions.

Click to see TOP VIEW	Click to see SIDE VIEW