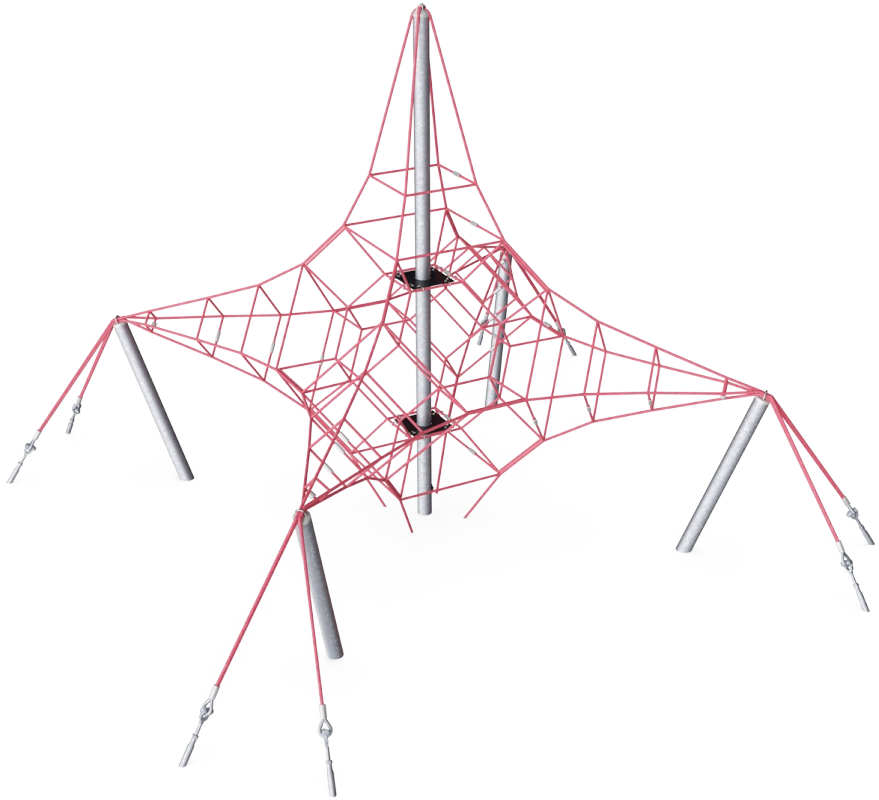
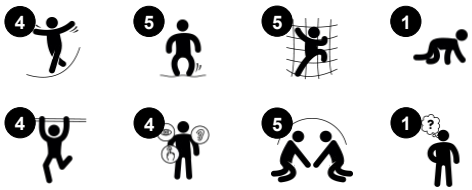
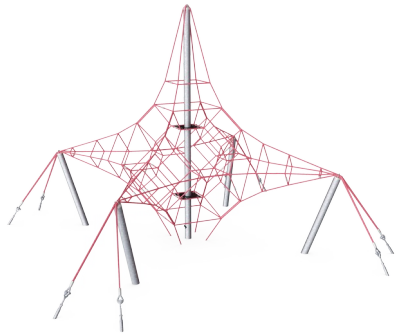
# Octa Net Small

COR41421

| Item no. COR414211-1101 | |
|---|---|
| **General Product Information** | |
| Dimensions LxWxH | 360x360x385 cm |
| Age group | 3+ |
| Play capacity (users) | 22 |
| Colour options | |





This fantastic play structure supports fun, socializing, and physical development, at the perfect scale for beginner climbers. Children will spend a good amount of time exploring the ways they can move their bodies, stretching and climbing on and around the structure, developing skill and confidence. The carefully designed features support the development of physical skills such as agility, balance and coordination as well as spatial awareness when climbing and sitting in the net. The careful design of the nets is scaled to the size of children in this age group, maximizing their play experience, and encouraging children to stay and play longer. In addition to the physical benefits, this is an incredibly enjoyable social space, due to the transparent design and the responsive ropes that all children to see and feel each other's movements.

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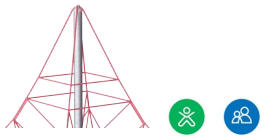
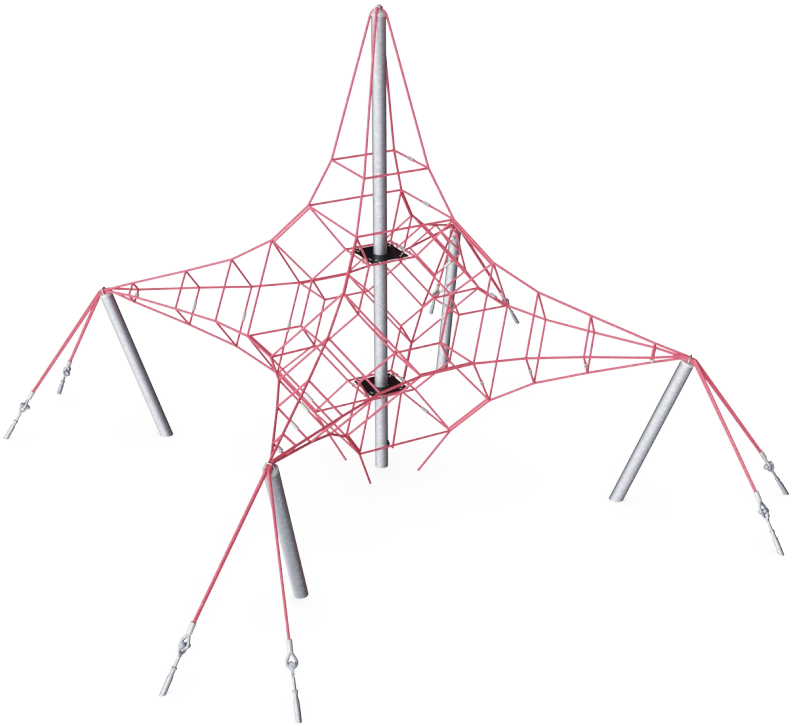


**Highest rungs**
**Physical:** spatial awareness is supported, arm muscles when holding tight. **Social-Emotional:** children develop courage, self-confidence, consideration and turn-taking, all important life skills.



**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.

**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.

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

**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.

**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.

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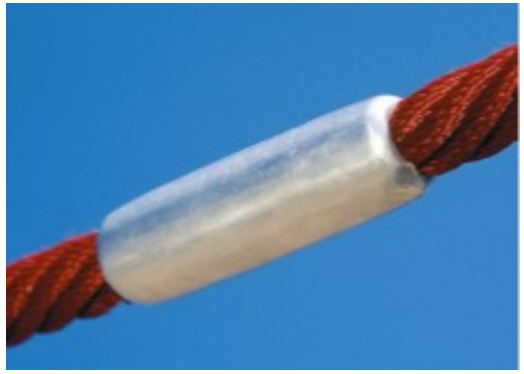
Ropes of UV-stabilized PES rope strands with inner steel cable reinforcement. The polyester yarn is made from +95% post-consumer materials and is inductively melted onto each strand. The ropes are highly wear-and vandalism-resistant and can be replaced at site if needed.

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.


For installations using rubber surfacing the turnbuckle protectors are to be ordered separately.

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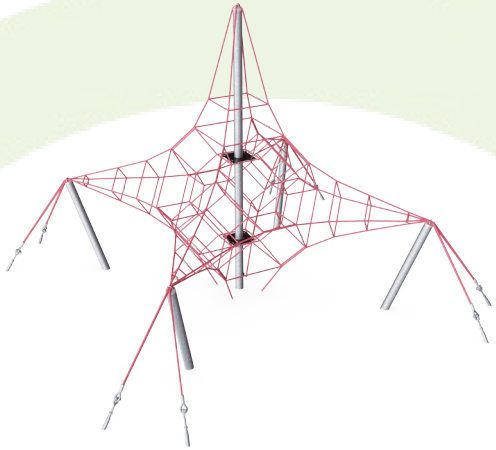
| Installation Information | |
|---|---|
| Max. fall height | 150 cm |
| Safety surfacing area | 65.1 m² |
| Total installation time | 11.0 |
| Excavation volume | 13.26 m³ |
| Concrete volume | 8.44 m³ |
| Footing depth (standard) | 110 cm |
| Shipment weight | 481 kg |
| Anchoring options | In-ground ✔ |

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

# Sustainability Data

COR41421



| Cradle to Gate A1-A3 | Total $CO_2$ emission | $CO_2e$/kg | Recycled materials |
|---|---|---|---|
| | kg $CO_2e$ | kg $CO_2e$/kg | % |
| **COR414211-1101** | 1,336.83 | 2.99 | 51.40 |

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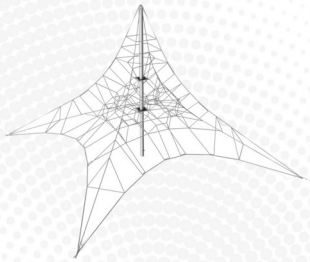
Validation of $CO_2$ calculation method
**BUREAU VERITAS**
**HSE Denmark A/S**

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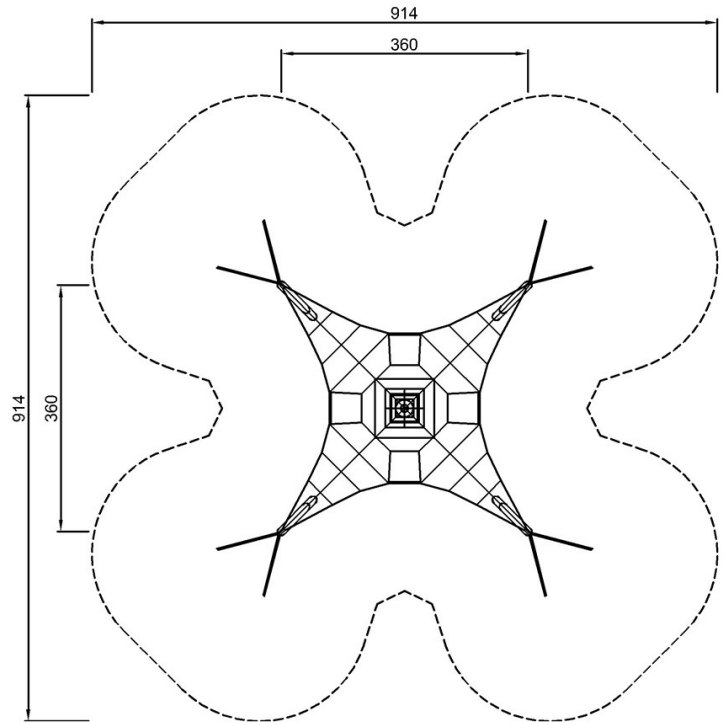
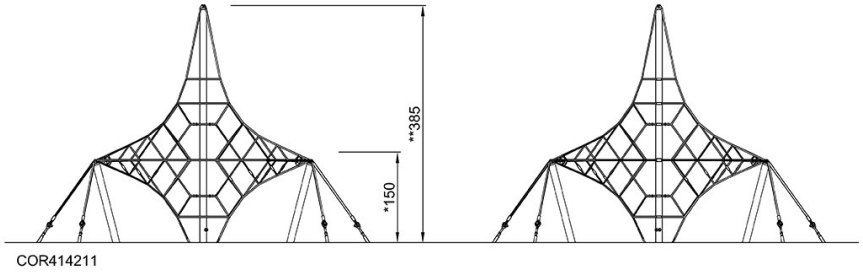
* Max fall height | ** Total height | *** Safety surfacing area




COR414211
*150cm
**385cm
***65.1m²

* Max fall height | ** Total height




COR414211

Click to see TOP VIEW

Click to see SIDE VIEW