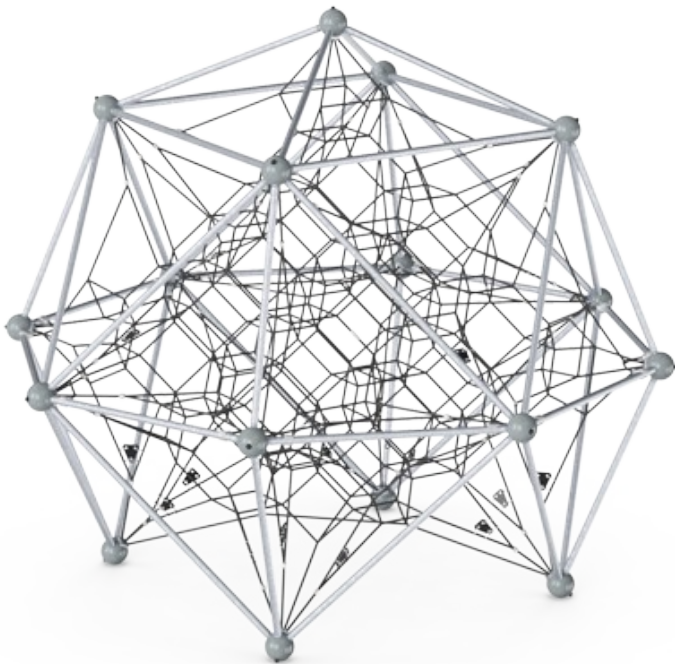
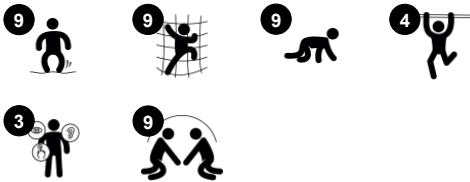


# Octanite

COR45400



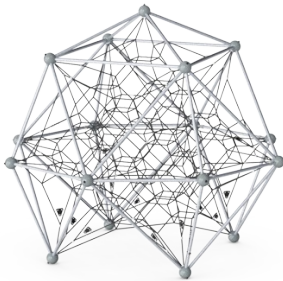
|                             |                |
|-----------------------------|----------------|
| Item no. COR454001-0406     |                |
| General Product Information |                |
| Dimensions LxWxH            | 539x539x460 cm |
| Age group                   | 5+             |
| Play capacity (users)       | 36             |
| Colour options              | ●              |



The Octanite attracts children with its meandering climbing experience in three-dimensional nets. The symmetric climbing paths appeal immensely to children. The thrilling openness of action attract children again and again and make them want to come back. The bouncy, symmetric net cubes take concentration when climbing, as all the

movements of other climbers can be sensed throughout, which means risk assessment and concentration. Social interaction, cooperation and consideration of others are encouraged here. The nets train important motor skills such as proprioception, spatial awareness, and cross-body coordination which are fundamental skills for risk assessment when for instance

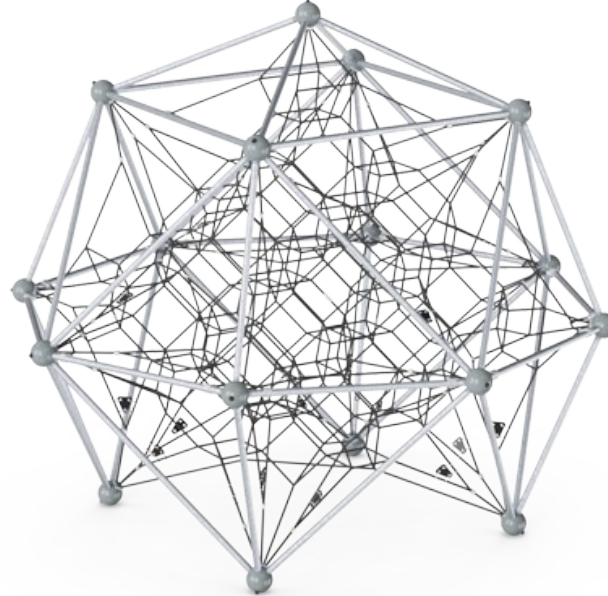
judging and navigating traffic securely. The rich climbing experiences from bottom to top are graded challenges in play, which means this unit has a high play capacity for all abilities.





## Height

**Social-Emotional:** children develop courage and self-regulation when being up high. This positively affects self-confidence.



## Big meshes

**Physical:** the big meshes allow for climbing and crawling, supporting proprioception, cross coordination and spatial awareness. **Social-Emotional:** allow more children being seated together, sharing.



## Transparency

**Social-Emotional:** the transparency makes cooperation and communication possible, which are essential life skills for children to learn.



## Connected nets

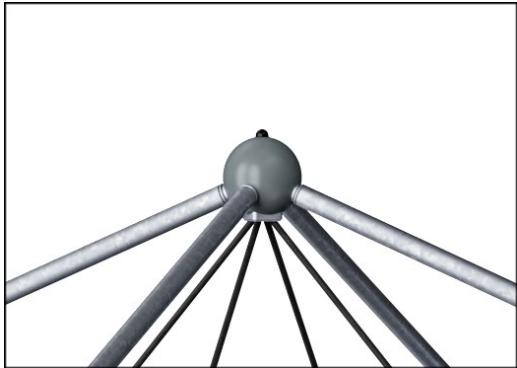
**Physical:** the connected nets make the climbers feel the movements of the other climbers. All muscle groups are trained, as well as cross coordination. **Social-Emotional:** the climbers' movements affect the other climbers, so consideration and turn-taking is supported.



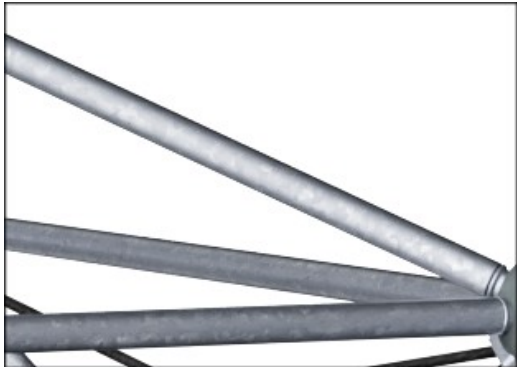
Corocord ropes with 19mm+ diameter are known as a 'Hercules' rope type which is formed from galvanised six-stranded steel wires. Each strand is tightly wrapped with PES yarn, which is melted onto each individual strand. Ropes are highly wear-and vandalism-resistant and can be easily replaced on-site if needed.



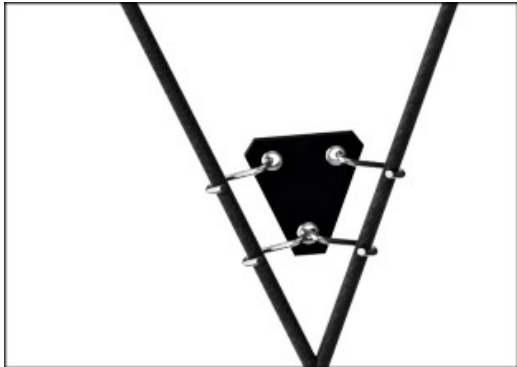
Designed to allow the typical function of rope play structures to move Corocord 'S' clamps are used as universal connections in Corocord products. 8mm stainless steel rods with rounded edges are pressed around the ropes with a special hydraulic press, making them the ideal connector. Our clamps are safe,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



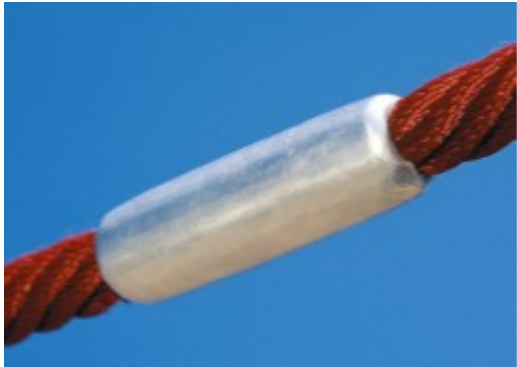
The unique designed connector balls with a diameter of 230mm are made of high quality aluminum with a powder coated top finish. The inside tensioning parts are made of hot dip galvanized steel.



The steel surfaces are hot-dip galvanised inside and outside with lead-free zinc. The galvanisation has excellent corrosion resistance in outside environments and requires low maintenance.



Corocord membranes consist of friction-proof rubberised 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.



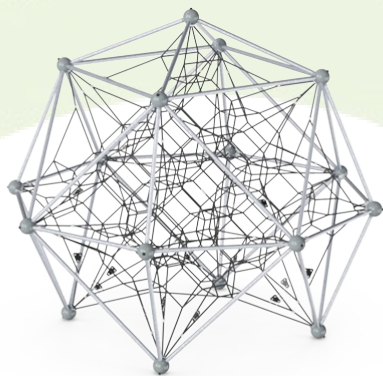
The aluminium swages of the net are double conical with rounded ends and are as small as safety allows. The overall net design aims at keeping metal parts within the net to an absolute minimum, both in size and number, to provide the best possible rope climbing experience.

|                          |             |
|--------------------------|-------------|
| Item no. COR454001-0406  |             |
| Installation Information |             |
| Max. fall height         | 203 cm      |
| Safety surfacing area    | 60.8 m²     |
| Total installation time  | 30.5        |
| Excavation volume        | 1.76 m³     |
| Concrete volume          | 0.98 m³     |
| Footing depth (standard) | 90 cm       |
| Shipment weight          | 927 kg      |
| Anchoring options        | In-ground ✓ |
| Warranty Information     |             |
| Aluminium Clamps         | 10 years    |
| Corocord (Hercules) Rope | 10 years    |
| Galvanised Steel         | Lifetime    |
| Membrane                 | 2 years     |
| Spare Parts Guarantee    | 10 years    |



# Sustainability Data

COR45400



| Cradle to Gate A1-A3 | Total CO <sub>2</sub> emission | CO <sub>2</sub> e/kg    | Recycled materials |
|----------------------|--------------------------------|-------------------------|--------------------|
|                      | kg CO <sub>2</sub> e           | kg CO <sub>2</sub> e/kg | %                  |
| COR454001-0406       | 2,710.80                       | 3.74                    | 45.20              |

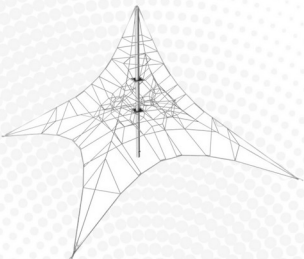
The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle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

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Denmark

Validation of CO<sub>2</sub> calculation method  
BUREAU VERITAS  
HSE Denmark A/S



## Verification of CO<sub>2</sub> calculation of: Corocord



Data version no. 2023-10-05

The CO<sub>2</sub> 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<sub>2</sub> 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

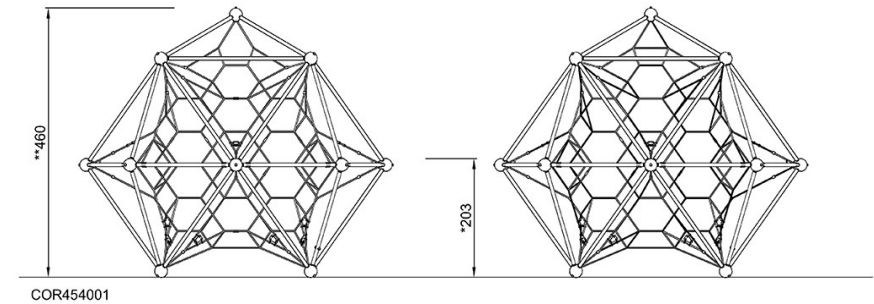
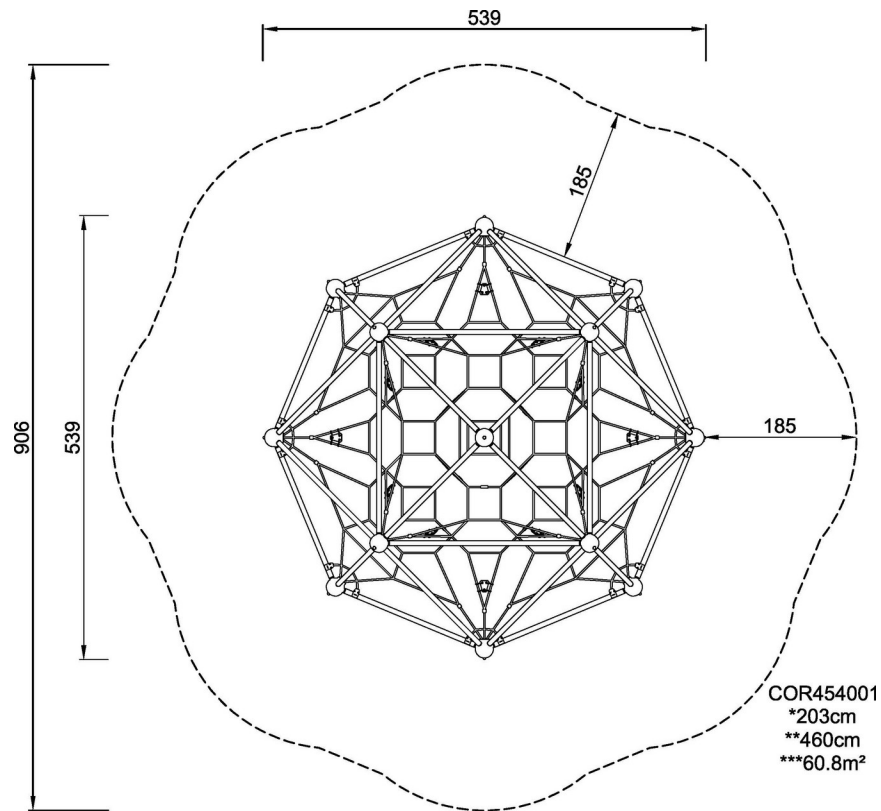
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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

\* Max fall height | \*\* Total height



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