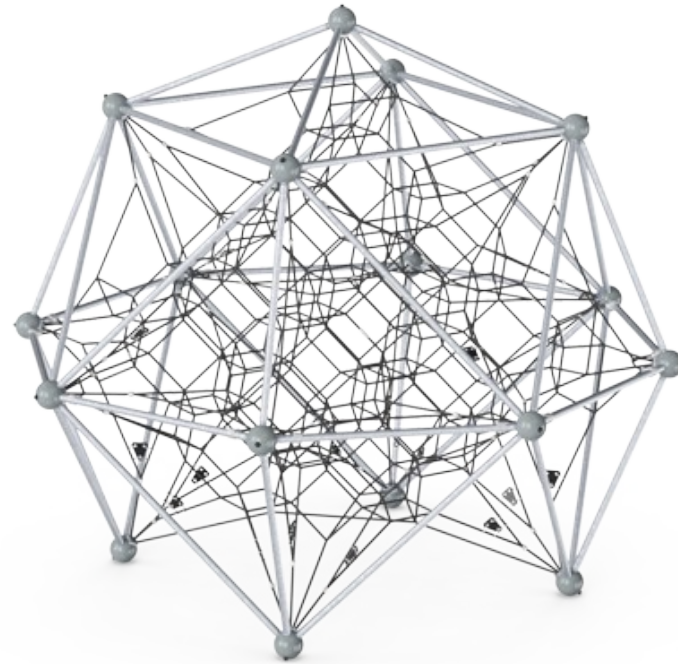
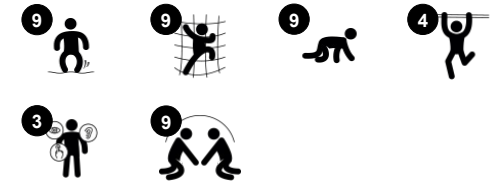


# Octanite

COR45400



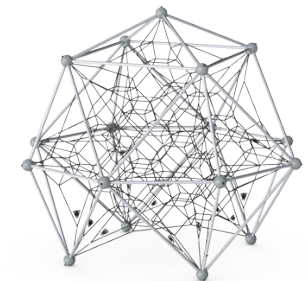
|                                    |                |
|------------------------------------|----------------|
| Item no. COR454001-0406            |                |
| <b>General Product Information</b> |                |
| Dimensions LxWxH                   | 539x539x460 cm |
| Age group                          | 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. These skills are fundamental 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.



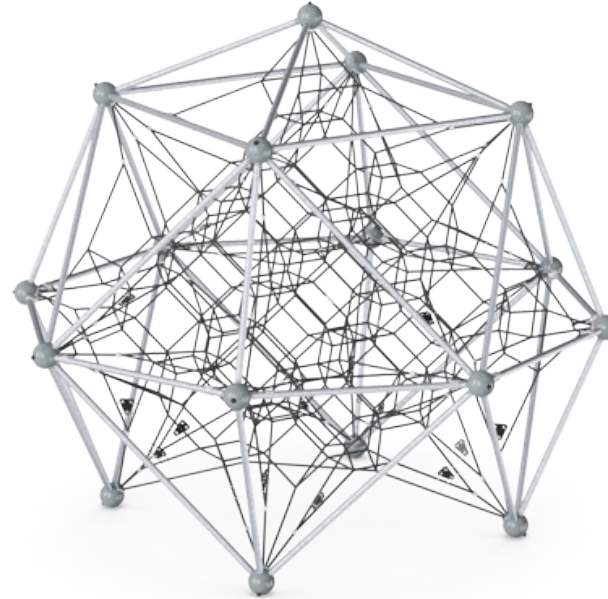
# Octanite

COR45400



## 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. Climbing here takes muscle strength, pushing and pulling arms to get upwards. **Social-Emotional:** allow more children being seated together, sharing.



## Transparency

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



## Connected nets

**Physical:** the connected nets make the climbers feel the movements of the others, adding a dimension of fun and demanding concentration when holding tight to the rope. Cross-coordination and all muscle groups are trained. **Social-Emotional:** the climbers' movements affect the other climbers, so consideration and turn-taking is supported.

# Octanite

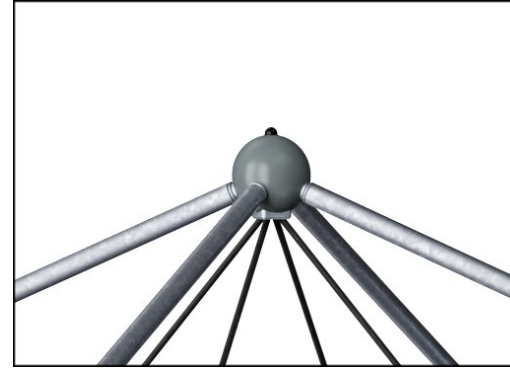
COR45400



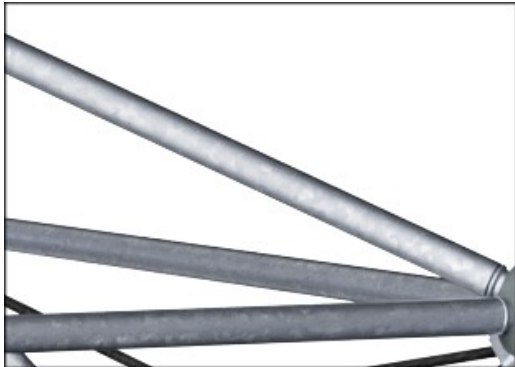
Ropes of UV-stabilized PES rope strands with inner steel cable reinforcement. The polyester yarn is made from +95% post-consumer materials and is inductively melted onto each strand. The ropes are highly wear-and vandalism-resistant and can be replaced at site if needed.



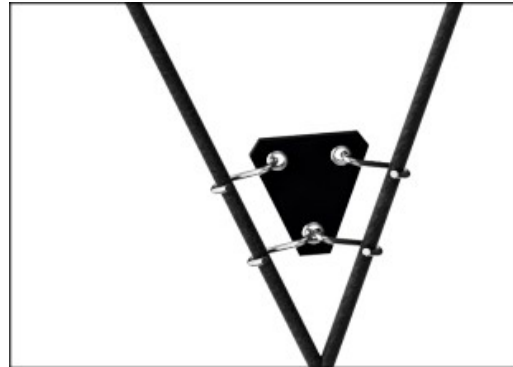
Corocord 'S' clamps are used as universal connections in Corocord products. 8mm stainless steel rods with rounded edges are pressed around the ropes with a special hydraulic press, making them the ideal connector: safe, durable and vandalism-proof, all while allowing the typical movement of rope play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



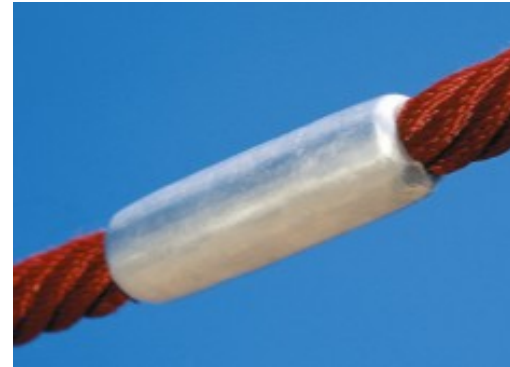
The unique designed connector balls with a diameter of 230mm are made of high quality aluminum with a powder coated top finish. The inside tensioning parts are made of hot dip galvanized steel.



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



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.



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. COR454001-0406

### Installation Information

|                          |                     |
|--------------------------|---------------------|
| Max. fall height         | 203 cm              |
| Safety surfacing area    | 60.8 m <sup>2</sup> |
| Total installation time  | 30.5                |
| Excavation volume        | 1.76 m <sup>3</sup> |
| Concrete volume          | 0.98 m <sup>3</sup> |
| Footing depth (standard) | 90 cm               |
| Shipment weight          | 927 kg              |
| Anchoring options        | In-ground ✓         |

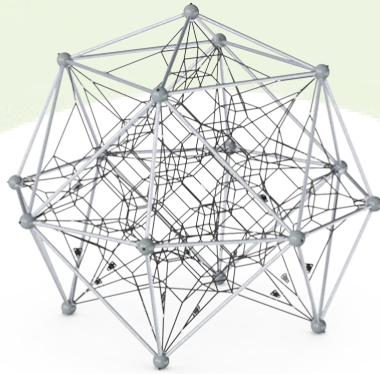
### Warranty Information

|                          |          |
|--------------------------|----------|
| Aluminium clamps         | 10 years |
| Corocord rope            | 10 years |
| Hot dip galvanised steel | Lifetime |
| Membrane                 | 2 years  |
| Spare parts guaranteed   | 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 | %                  |
| <b>COR454001-0406</b> | 2,710.75                       | 3.73                    | 45.21              |

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))

**Kompan A/S**  
 C.F. Tietgens Boulevard 32C  
 DK-5220 Odense SØ  
 Denmark



## 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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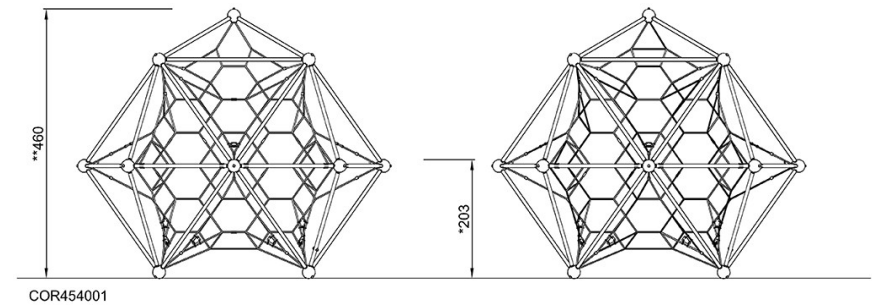
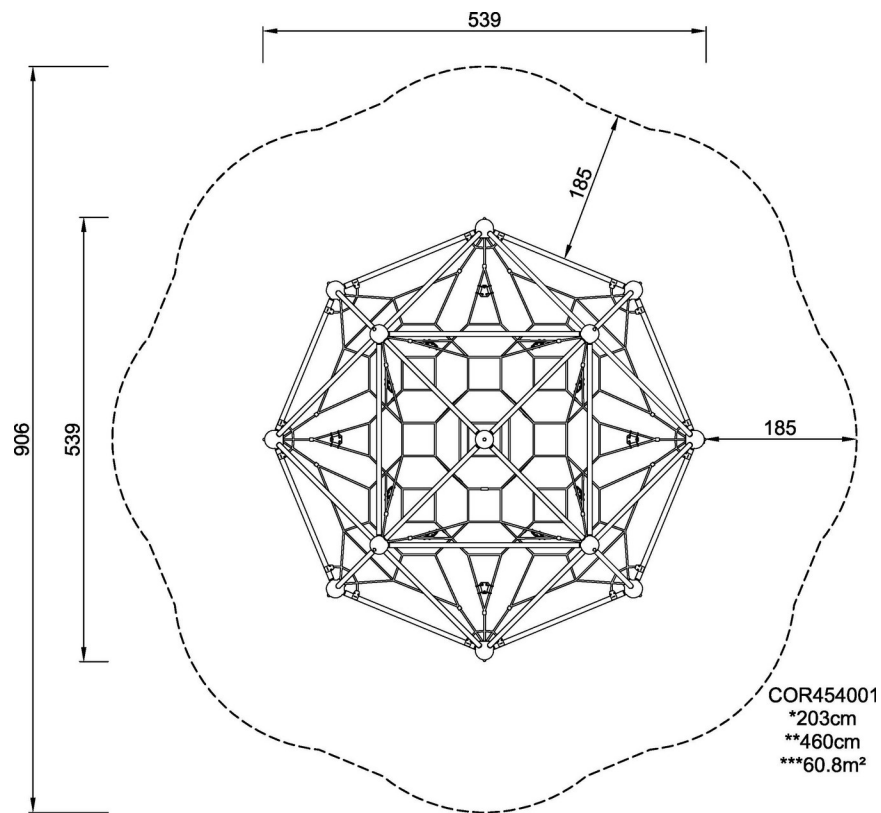


# Octanite

COR45400

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

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



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[Click to see SIDE VIEW](#)