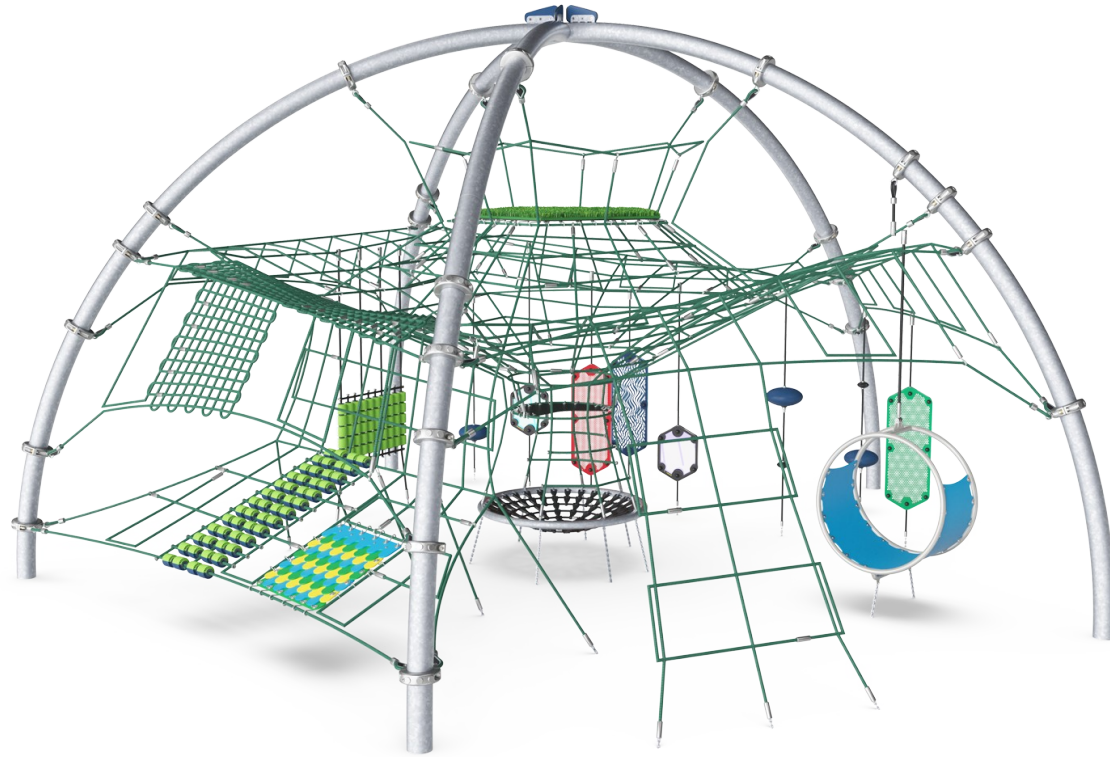


Sensory Dome

COR856001-0403



Item no. COR856001-0403	
General Item Information	
Dimensions LxWxH	778x741x419 cm
Age group	5+
Play capacity (users)	50
Item color	●



Children get a kick from the Sensory Dome as it is a thrilling and sensory playscape. The Sensory Dome features a variety of novel play activities that intrigue, retain, and develop children of all abilities in play. This makes the Sensory Dome a uniquely intense play space to wonder, feel, move, and make friends. The suspended nets cater for climbs that are thrilling and meeting points for chilling. Children improve their strength, stability, and motor skills when crawling, climbing, and navigating through the net-scapes. On the very top of the Dome, a grassy-surface meeting point offers a

bouncy, fun-to-touch space to rest. At ground level, varied nets sway when children climb above, creating playful movement and a sense of unity in players. The transparency of the Sensory Dome makes it a play unit for intense cooperation, consideration and communication across levels and activities. At ground level, every activity is accessible and inclusive for all abilities. Inclined nets offer varied climbing and lying. Novel net-rolls add to the play experience with sensory-stimulating feels when lying or roller-gliding on the back or stomach. A swaying, blue Loop is suspended to the nets

and reflects the movements of friends climbing the nets above. The optic panels create a sense of wonder with their moiré-like visual effects, which encourage logical thinking. The multi-coloured vertical suspended rollers allow children to develop their own patterns and signals, which promotes creativity. The multi-levelled, varied activities of the Sensory Dome intensely train crucial motor skills and major muscles in a fun way, including cross-coordination and balance, which build the capability to move confidently and securely through the world.



Data is subject to change without prior notice.

Sensory Dome

COR856001-0403



Drawing wall

Physical: rollers stimulate fine motor skills and sensory stimulation.

Social-emotional: making patterns from both sides supports social-emotional skills, cooperation and turn taking.

Creative: the rollers' two-sides and different colours enable pattern and signal-making which inspires creativity.



Rollers

Physical: the rolling feel adds body pressure when lying and trains the balance when seated. This impacts physical stability.

Social-emotional: the body pressure of the rolls give a soothing, relaxing feel when lying, and the stimulation when moving invigorates.

Creative: the rollers' two-sidedness and different colours stimulate creativity.



Dragon scale

Physical: The rubber scales add a fun feel to the seat and stimulates the sense of touch.

Social-emotional: Great point for a break or meeting with friends.



Turf membrane

Physical: The artificial grass adds a fun feel to the seat and stimulates the sense of touch.

Social-emotional: Great point for a break or meeting with friends.



Sensory dome net

Physical: nets make climbers feel movements of other climbers. Muscle groups and cross coordination are trained.

Social-emotional: the climbers' movements affect other climbers, supporting cooperation and turn-taking skills.

Cognitive: cause and effect understanding is supported by the bouncing effect of the movement of others.



Hangout pod

Physical: Sitting and lying enjoying the swaying movements stimulate the sense of balance.

Social-emotional: Meeting, taking a break is invited. Turn-taking supports the skills necessary to learn how to avoid conflicts.



Dichroic panels

Physical: hanging and leaning on the rope-suspended panels train muscles, balance and cross-coordination.

Social-emotional: twisting the panels to create colorful shadows encourage turn-taking and cooperation skills.

Cognitive: wondering about, understanding and explaining the reasons for the color occurrence support logical thinking skills.

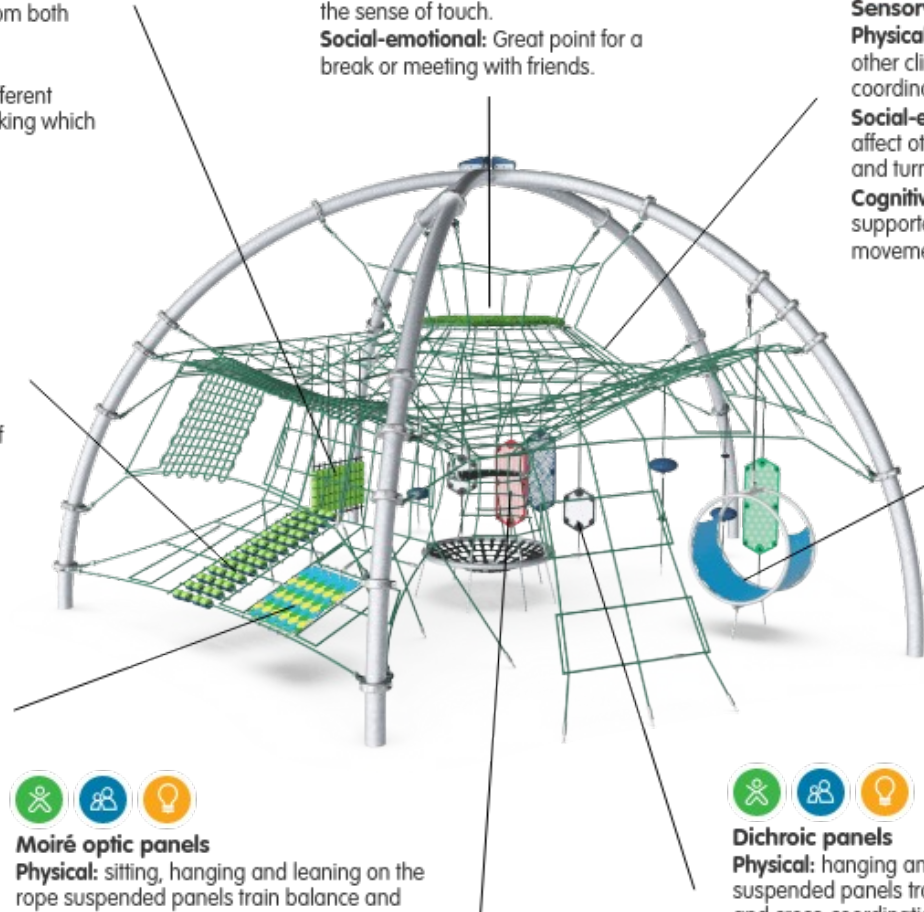


Moiré optic panels

Physical: sitting, hanging and leaning on the rope suspended panels train balance and cross-coordination.

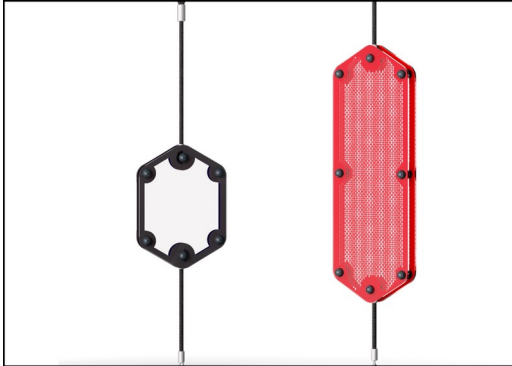
Social-emotional: discussing the patterns supports negotiating and listening skills, training tolerance and empathy.

Cognitive: wondering about, understanding and explaining reasons for the pattern support logical thinking skills.

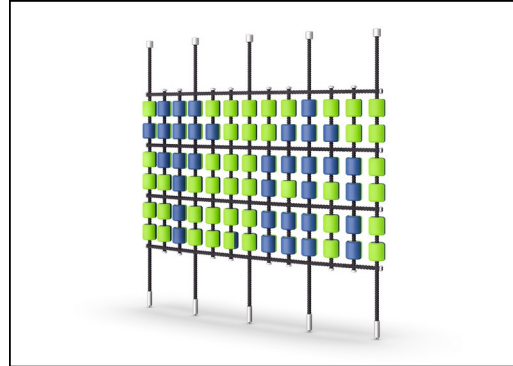


Sensory Dome

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Turnable optic panels of two 7mm thick polycarbonate plates with a distance of 25mm. The inside graphic print consist of an inner image layer and outer transparent protection layer. Both PC panel and the water-based lacquer are UV stabilized to prevent fading of the print.



The drawing wall rollers are made of high quality UV stabilized and reinforced nylon (PA). The two colored turn able rollers are assembled to the rope with steel pins and small nylon taps ensures position on the rope.



Hangout pod designed with a welded frame of two steel rings which are hot dip galvanized and powder coated. The membrane consist of friction-proof rubberized material of conveyor belt quality with excellent UV resistance.



The dome is made curved steel pipes with a diameter of 140mm with hot dip galvanization inside and outside with lead free zinc. Galvanization has excellent corrosion resistance in outside environments and requires low maintenance.



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.



Corocord aluminium clamps are used as connectors between steel posts and rope. Two aluminium castings are bolted together. The height of the clamps is thus variable.

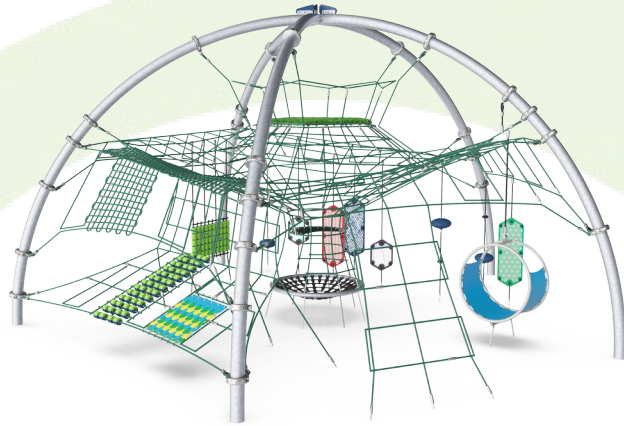
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Installation Information

Max. fall height	300 cm
Safety surfacing area	116.1 m2
Number of installers	2
Total installation time	36.3
Excavation volume	9.68 m3
Concrete volume	4.15 m3
Footing depth (standard)	70 cm
Shipment weight	1,590 kg
Anchoring	In-ground ✓

Warranty Information

Galvanised Steel	Lifetime
Stainless Steel Components	Lifetime
Ropes & Nets	10 years
Painted Toplayer	10 years
Spare Parts Guarantee	10 years



Cradle To Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
COR856001-0403	4,419.60	3.81	32.80

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 CO₂ calculation of: Corocord



Data version no. 2021-09-27

The CO₂ 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: 15. October 2021 | Valid until: 15. October 2023

Validated by:

Bente Hviid, Senior Consultant

Peter Bendtsen, Senior Consultant

Validation based on report: Validation of CO₂ calculation of 8 categories of Kompan product line, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Bente Hviid and Peter Bendtsen.

Publication date: 15. October 2021

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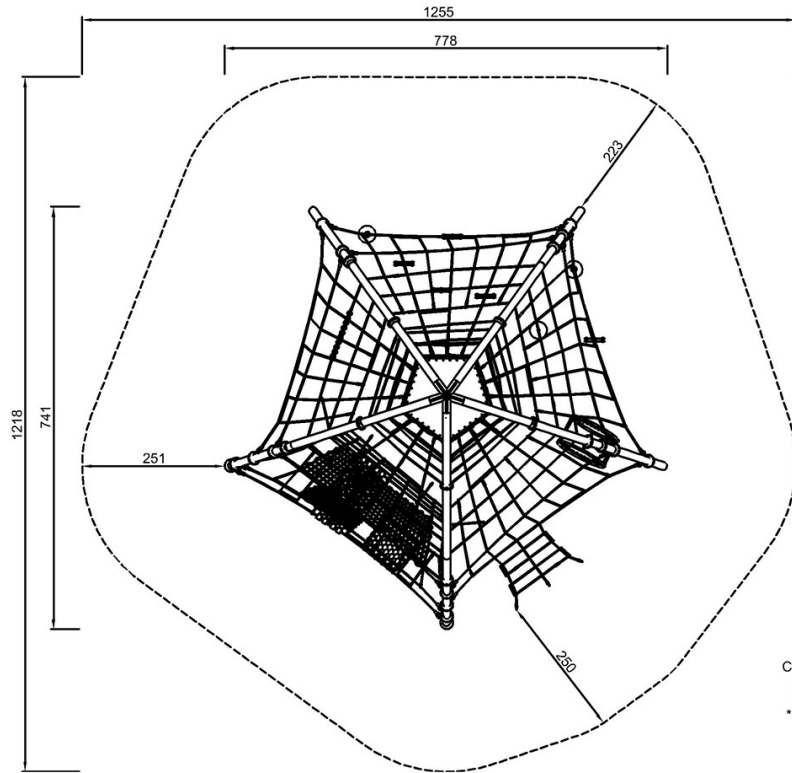


Sensory Dome

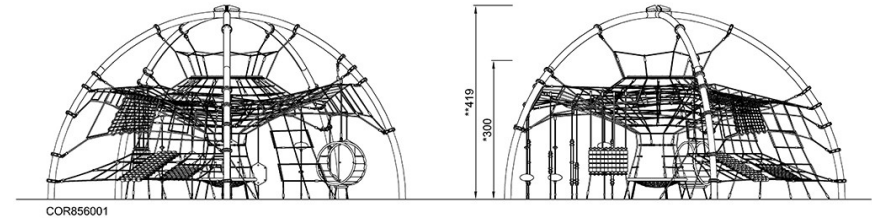
COR856001-0403

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

* Max fall height | ** Total height



COR856001
*300cm
**419cm
***116.1m²



COR856001

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[Click to see SIDE VIEW](#)