

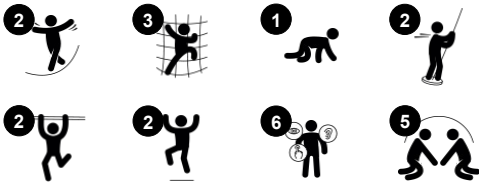
# Six-Sided Climbing Structure

NRO816

Item no. NRO816-1001

**General Product Information**

Dimensions LxWxH	588x431x290 cm
Age group	6+
Play capacity (users)	20
Colour options	 



The six-sided climbing structure has a variety of climbing and crawling options. The many different ways of climbing and sliding must be tried out, which makes children stay longer and want to come back. To reach the top horizontal net children can climb the inclined climbing nets or go up the vertical climbing wall and go through the hole or over the top, both

challenging ways of getting to the spacious meeting point. The varied body positions required to manage the climb challenges train the child's proprioception, balance coordination and spatial awareness. These motor skills aid concentration and the ability to sit still. The fireman's pole and the banister bars are risk taking activities that tickle the stomach and

train spatial awareness, necessary for judging distances, e.g. in traffic. A great active meeting point.

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## Banister bars

**Physical:** coordination is supported when going down, as well as arm and core muscles. Landing strengthens bone density, which is built for life in childhood. **Social-Emotional:** turn-taking and risk-taking.



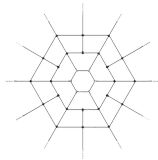
## Rope

**Physical:** sense of balance, which is good for the ability to do other things such as sit still or concentrate.



## Climbing grips

**Physical:** dexterity and cross-body coordination, sense of space, all important in navigating the body in space. Pushing, pulling and using fingers, arms, legs and core, strengthen the muscles.



## Horizontal spider net

**Physical:** crawling the net supports cross coordination. **Social-Emotional:** place to meet and hang for many children seated, lying or hanging.



## Fireman's pole

**Physical:** coordination is supported when going down, as well as arm and core muscles. Landing strengthens bone density, which is built for life in early childhood. **Social-Emotional:** turn-taking and risk-taking.



## Climbing net

**Physical:** the inclined net supports the upward climbing movement of the body. The net supports cross-body coordination, which impacts coordination of the right and left part of brain, fundamental for other skills such as the ability to read. The asymmetry of the net challenges the children's climbing.

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All Organic Robinia products by KOMPAN are made of Robinia wood from sustainable European sources. On request it can be supplied as FSC® Certified (FSC® C004450).



Ropes of UV-stabilized PES rope strands with inner steel cable reinforcement. The polyester yarn is made of +95% Post-consumer materials and is inductively melted onto each strand to obtain excellent wear and tear resistance.



Plywood climbing panel. The climbing panels is made of 21,5mm thick plywood made from alder and pine wood. Both sides are covered by 2 layers of phenolic film with anti slip net pattern. All cutting edges are sealed with paint to ensure long lifetime



The hardware is made of stainless steel or galvanised steel to ensure durable connections with a high corrosion resistance.



The Robinia wood can be supplied as untreated raw wood or painted with a brown coloured transparent pigment that maintains the golden wood colour of the wood.

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## Installation Information

Max. fall height	250 cm
Safety surfacing area	58.0 m²
Total installation time	20.4
Excavation volume	2.64 m³
Concrete volume	0.15 m³
Footing depth (standard)	100 cm
Shipment weight	1,013 kg
Anchoring options	In-ground ✓

## Warranty Information

EPDM components	2 years
Robinia wood	15 years
Ropes & nets	10 years
Spare parts guaranteed	10 years
Stainless steel components	Lifetime



# Sustainability Data

NRO816



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	%
NRO816-1001	441.20	0.54	5.30

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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### Verification of CO<sub>2</sub> calculation of: Nature play



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: "Nature play" represented by item no.: NRO409-0621.

(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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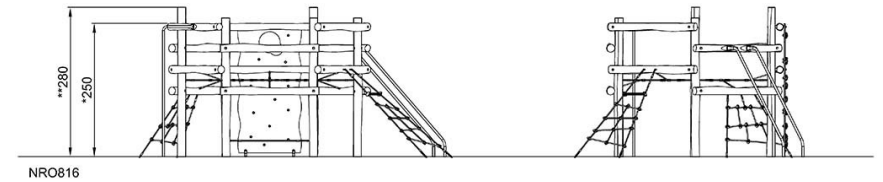
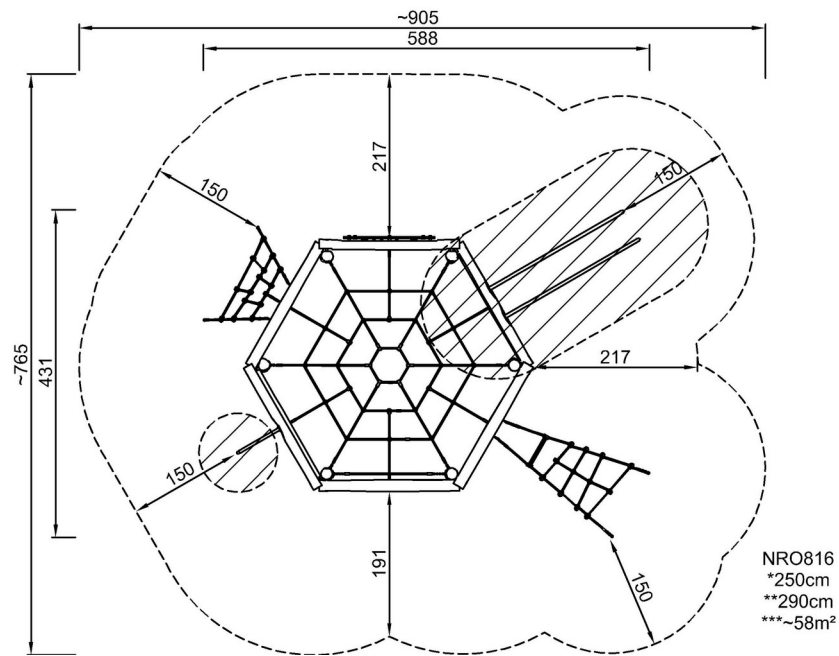


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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

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



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[Click to see SIDE VIEW](#)