

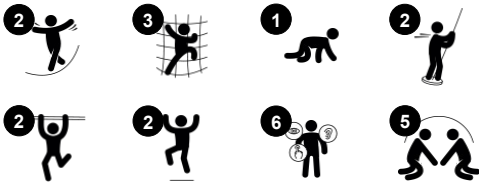
Six-Sided Climbing Structure

NRO816

Item no. NRO816-1001

General Product Information

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



This six-sided climbing structure has a variety of climbing and crawling options. Children will try all the different ways of climbing, which makes them stay longer and want to come back. To reach the top net children can climb the inclined nets or go up the vertical wall and go through the hole or over the top. All are challenging ways of getting to the spacious

meeting point in the centre. This structure develops physical ability, balance and spatial coordination, all in a fun way. There is also a fireman's pole and banister bars to build confidence. The natural Robinia timber provides an organic structure, that can either blend into or stand out from your surrounds. Children can touch and feel the timber while

acting out their imaginations and social play, observing how nature inspiration interacts with the built environment.

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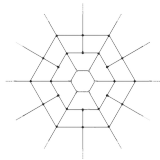
Banister bars

Physical: supports coordination, arm and core muscles. Landing strengthens bone density **Social-Emotional:** turn-taking and risk-taking.



Climbing grips

Physical: dexterity and cross-body coordination, sense of 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: supports coordination, arm and core muscles. Landing strengthens bone density. **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 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 which is sourced from sustainable plantation farms. 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 are made of 21.5mm thick plywood which comes from alder and pine wood. Both sides are covered by two layers of phenolic film with an anti-slip net pattern. All cutting edges are sealed with paint to ensure longevity.



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



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

Item no. NRO816-1001	
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 Guarantee	10 years
Stainless Steel Components	Lifetime



Sustainability Data

NRO816



Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ 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 CO₂ calculation of: Nature play



Data version no. 2023-10-05

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: "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 CO₂ 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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