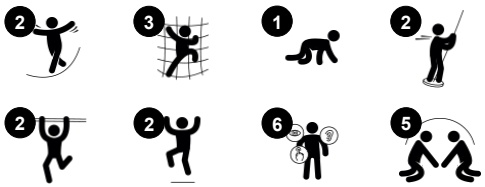
Six-sided climbing structure

NRO816

Item no. NRO816-1001	
General Product Information	
Dimensions LxWxH	19'3"x14'2"x9'6"
Age group	5 - 12
Play capacity (users)	20
Color options	



The six-sided climbing structure with its rich variety of climbing and crawling is a huge attraction for children. The many different ways of climbing and sliding must be tried out, which make the children stay longer and want to come back. The inclined climbing nets make challenging climbs to the top due to their non-horizontal steps. The climbing wall offers a vertical climb with and entrance to the top horizontal net either over the top or through the hole. The varied body positions demanded to manage the climb 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. The structure is a great active meeting point.

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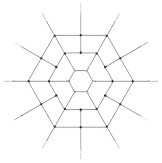
Banister bars
Physical: coordination is supported when going down, as well as arm and core muscles. Landing strengthens bone density, which is built for life in childhood. **Social-Emotional:** turn-taking and risk-taking.

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 galvanized 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 colored transparent pigment that maintains the golden wood color of the wood.

Item no. NRO816-1001

Installation Information	
Max. fall height	9'2"
Safety surfacing area	659ft²
Total installation time	20.4
Excavation volume	3.45yd³
Concrete volume	0.2yd³
Footing depth (standard)	3'3"
Shipment weight	2074lbs
Anchoring options	In-ground ✔

Warranty Information	
EPDM components	2 Years
Robinia Wood	10 Years
Ropes & nets	10 Years
Spare Parts Availability	10 Years
Stainless steel components	Lifetime

Elevated activities **0**	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	**0**	**7**	**3**
Required	**0**	**3**	**3**

Sustainability Data

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Cradle to Gate A1-A3	Total CO_2 emission	CO_2e/kg	Recycled materials
	kg CO_2e	kg CO_2e/kg	%
NRO816-1001	441.15	0.54	5.34

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

Validation of CO_2 calculation method
BUREAU VERITAS
HSE Denmark A/S

Verification of CO_2 calculation of: Nature play

Data version no. 2023-10-05

The CO_2 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_2 calculation of 9 categories of Kompan product line, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Julie M. V. Larsen.

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By Bureau Veritas HSE
www.bureauveritas.dk
+45 7731 1000

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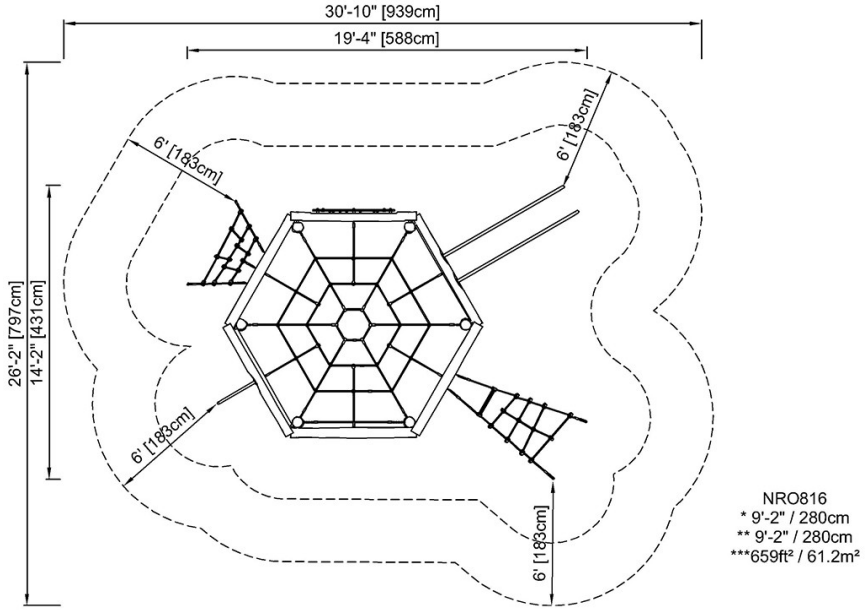
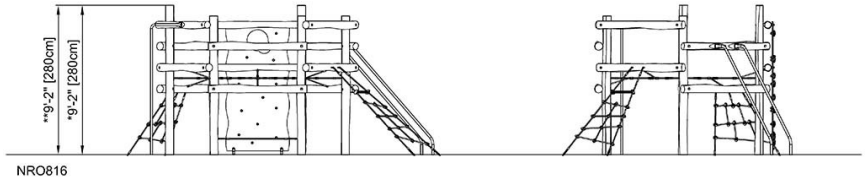
* Max fall height | ** Total height | *** Safety surfacing area	* Max fall height | ** Total height



NRO816
* 9'-2" / 280cm
** 9'-2" / 280cm
***659ft² / 61.2m²



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Click to see TOP VIEW	Click to see SIDE VIEW