

# Tall Castle, Large

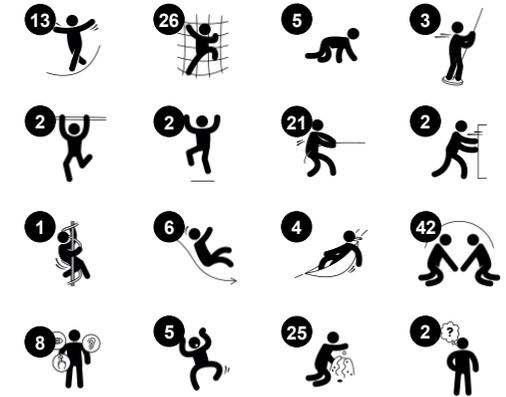
NRO431



Item no. NRO431-1222

## General Product Information

Dimensions LxWxH	68'9"x63'2"x34'1"
Age group	5 - 12
Play capacity (users)	100
Color options	



The phenomenal Tall Castle is a universal play village of continuous play for all. With its impressive variation of high-paced and quiet, ground level and elevated level play options, the Tall Castle offers new play possibilities for the whole family, again and again. Ground level and first floor offer greatly varied thrills in play. Physically varied slides, hammocks and

climbers appeal to everyone. Cognitive-creative play is stimulated with music panels, talking tubes and manipulative items. Social play corners cover both the need for retraction and socializing. On elevated levels, a multitude of varied climbs and inclusive ramps lead to the diverse, fun egresses. Children train self-confidence and consideration looping the lower

and higher, outside and inside thrilling play climbs. The Tall Castle truly builds friendships in play.

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## Draw bridge area

**Physical:** varied rope rails offer levelled challenge of balance and spatial awareness as well as arm, leg and core muscles. **Social-Emotional:** the two rope rails support cooperation, parallel play and positive competition by offering varied difficulty levels for entry.



## Long tube slide

**Physical:** sliding develops spatial awareness and the sense of balance. **Social-Emotional:** the height ensures extra speed and thrill. Empathy stimulated by turn-taking and consideration of others. Feeling of security when stopping on extra long slide mouth.



## Hammock

**Physical:** coordination and sense of balance when swaying. **Social-Emotional:** meeting, pushing friends gently back and forth, turn-taking.



## Wire frame tunnel

**Physical:** the steep climb in open space trains spatial awareness, cross coordination and muscle strength. **Social-Emotional:** sense of height and thrill, turn-taking and consideration of others.



## Curly climber

**Physical:** coordination and proprioception are supported when placing arms and legs correctly for going down. Sense of balance when rotating. Arm muscles for holding tight. **Social-Emotional:** empathy stimulated by turn-taking. **Cognitive:** logical thinking when placing arms and legs right for rotating downward.



## Accessible ramp

**Physical:** wheeling or being wheeled up the incline trains spatial awareness, and in non-electric wheelchairs it trains upper body coordination and strength. Walking or crawling up an inclined surface trains cross coordination. **Cognitive:** the gradual change of height trains the understanding of space and measures for young children.



## Xylophone music panel

**Social-Emotional:** invites social interaction and co-creation for more children, on both sides. **Cognitive:** understanding of cause and effect when striking tubes and creating sound. **Creative:** the creation of different intensity and tonality stimulates creative skills.

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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).



The paint used for colored components is water based environmental friendly with excellent UV resistance. The paint is in compliance with EN 71 Part 3.



The Robinia products are designed with a KOMPAN color concept with a number of different standard colors. The wood can also be supplied as untreated or with brown painted with a pigment that maintains the wood color.

Item no. NRO431-1222	
Installation Information	
Max. fall height	11'9"
Safety surfacing area	4271ft <sup>2</sup>
Total installation time	743.6
Excavation volume	0yd <sup>3</sup>
Concrete volume	0yd <sup>3</sup>
Footing depth (standard)	3'11"
Shipment weight	33556lbs
Anchoring options	In-ground ✓
Warranty Information	
Hot dip galvanized steel	Lifetime
Robinia Wood	10 Years
Ropes & nets	10 Years
Spare Parts Availability	10 Years
Stainless steel slide	10 Years



Ropes are made of UV-stabilized PES rope strands with inner steel cable reinforcement. The polyester wrapping is inductively melted onto each strand to ensure excellent wear and tear resistance.



Curved and straight stainless-steel tunnel slides are supported by multiple steel rods to a center steel post. The tunnel slides are designed with perfect curve and inclination for a playful ride.



The wire frame tunnel is made of hot dip galvanized high quality steel. Corocord 16mm ropes are special 'Hercules'-type with galvanized four-stranded steel wires and a steel wire core. Each strand is tightly wrapped with PES yarn, which is melted onto each individual strand.

Elevated activities 0	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	0	0	0
Required	0	0	0

**ASTM F1487**  
compliant

# Sustainability Data

NRO431



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	%
NRO431-1222	0.00	0.00	0.00

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.

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