

Tall Castle, Medium

NRO428

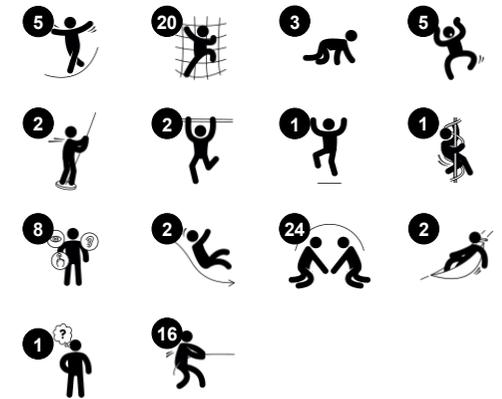
KOMPAN
Let's play



Item no. NRO428-1222

General Product Information

Dimensions LxWxH	1506x886x802 cm
Age group	6+
Play capacity (users)	60
Colour options	



What child doesn't want to have a real castle to visit and play on? This is an amazing double-towered design for young princes, princesses, knights, and would-be bandits! The Medium Tall Castle allows for a range of ages to play together, and invites the whole family for a royal play day. It has ground and elevated level play areas, barred windows, and cannons, just

like a real castle. There is the climbing wall, rope accesses, and net bridge for adventurous play, and a giant slide for a quick escape. All of this on a colourful, organic timber structure. The Robinia timber is durable, natural and gives children a nature inspired theme that can blend into, or stand out from your surrounding landscape.

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Cannon

Cognitive: the cannon set a tangible theme and thus spur dramatic play. Dramatic play supports language and communication skills.



Long tube slide

Physical: sliding develops spatial awareness and the sense of balance. **Social-Emotional:** height ensures extra speed and thrill. Stimulates empathy by turn-taking and consideration of others.



Curly climber

Physical: supports coordination going down, sense of balance when rotating and arm muscles for holding tight. **Social-Emotional:** empathy stimulated by turn-taking. **Cognitive:** logical thinking when placing arms and legs right for rotating downwards.



Rapella

Physical: supports cross coordination, proprioception and sense of space. Leg, core and upper body muscles are used intensely. **Social-Emotional:** turn-taking and self-regulation, both important life skills.



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 in entrance.



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.

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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).



The paint used for coloured components is water-based, which is environmentally friendly and has excellent UV resistance. The paint is compliant with Australian Standards.



The Robinia products come in a number of standard colour options. The wood can also be supplied as untreated or with brown painted with a pigment that maintains the wood colour.



Ropes of UV-stabilized PES rope strands with inner steel cable reinforcement. The polyester yarn is made from +95% post-consumer materials and is inductively melted onto each strand.



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



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

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Installation Information

Max. fall height	230 cm
Safety surfacing area	124.9 m ²
Total installation time	151.8
Excavation volume	0.00 m ³
Concrete volume	0.00 m ³
Footing depth (standard)	120 cm
Shipment weight	12,041 kg
Anchoring options	In-ground ✓

Warranty Information

Galvanised Steel	Lifetime
Robinia Wood	15 years
Ropes & Nets	10 years
Spare Parts Guarantee	10 years
Stainless Steel Slide	10 years

AS
4685
compliant

Sustainability Data

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Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
NRO428-1222	16,633.10	1.49	14.60

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.

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