

# Toddlers Castle with Rock Climber


MSC5422



The Toddler's Castle with Rock Climber is an inviting playground activity that attracts children to be active and to interact in thrilling ways. The cat side has a nice table with play ring and sand sieve, inviting exploration, meetings and socializing, the beginning of the first friendships. The stairway is wide and accommodates crawling. So does the steeper

rock-climb, adding to variety. This trains children's cross-coordination, an important motor skill that among others support later reading skills. Sliding is a great thrill for the youngest. It stimulates trunk stability and the sense of balance, and trains spatial understanding. These skills are important in navigating the world securely. They are the

fundament of all motor skills and thus a fundament in physical confidence. The familiar themes inspire stories, developing language skills.

Item no. MSC542201-3417P	
General Product Information	
Dimensions LxWxH	279x231x149 cm
Age group	1+
Play capacity (users)	12
Colour options	



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## Slide

**Physical:** sliding develops spatial awareness and a sense of balance. Furthermore, the core muscles are trained when sitting upright going down. **Social-Emotional:** empathy stimulated by turn-taking.



## Rock climber

**Physical:** supports cross coordination and leg, arm and hand strength. **Social-Emotional:** the inclination makes climbing feel secure, especially for younger children.



## Theme

**Cognitive:** suggests a theme and supports dramatic play, which stimulates language and communication skills.



## Stairway

**Physical:** climbing the stairs supports cross coordination as well as arm and leg muscles. **Social-Emotional:** room for active breaks and adult helpers.



## Desk with ring

**Social-Emotional:** a place for meeting and exchanging. **Creative:** sand and construction play encouraged with sieve in desk.

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Panels of 19mm EcoCore™. EcoCore™ is a highly durable, eco friendly material, which is not only recyclable after use, but also consists of material produced from +95% recycled post consumer material from food packing waste.



All floors are made of High-Pressure Laminate HPL with a thickness 17.8mm and non skid surface texture according to EN 438-6. KOMPAN HPL has high wearing strength to ensure long lifetime in all climates.



The steel surfaces are hot dip galvanised inside and outside with lead free zinc. The galvanisation has excellent corrosion resistance in outside environments and requires low maintenance.

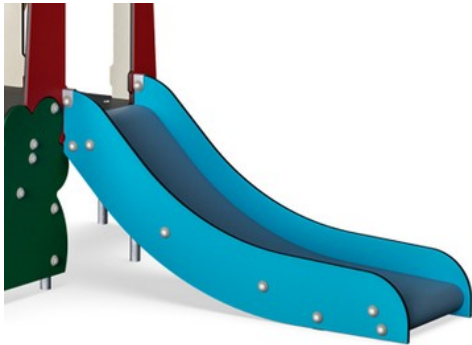
Item no. MSC542201-3417P

## Installation Information

Max. fall height	100 cm
Safety surfacing area	20.4 m²
Total installation time	9.8 hours
Excavation volume	0.35 m³
Concrete volume	0.00 m³
Footing depth (standard)	60 cm
Shipment weight	215 kg
Anchoring options	In-ground ✓ Surface ✓

## Warranty Information

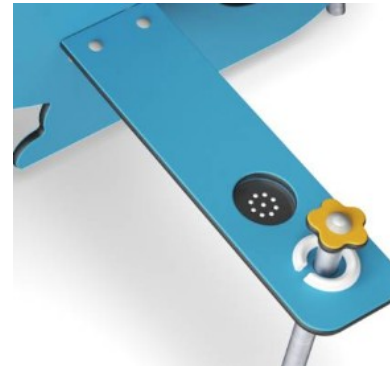
EcoCore HDPE	Lifetime
Hot dip galvanised steel	Lifetime
HPL decks	15 years
Spare parts guaranteed	10 years



The slide bed can be chosen in different materials: Straight moulded PE or stainless steel slide bed t=2mm. Sides of the slides are made of EcoCore™.



Rock wall handholds are made of pressure moulded high quality nylon (PA6). PA6 has good wearing and impact strength.



Sand strainer is made of high-quality stainless steel to ensure durability of the product.



# Sustainability Data

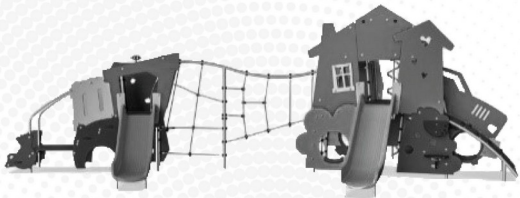
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Cradle to Gate A1-A3	Total CO <sub>2</sub> emission	CO <sub>2</sub> e/kg	Recycled materials
	kg CO <sub>2</sub> e	kg CO <sub>2</sub> e/kg	%
MSC542201-3417P	354.14	2.26	52.31

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))

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



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: "Themed play systems" represented by item no.: MSC641100-3717P.

(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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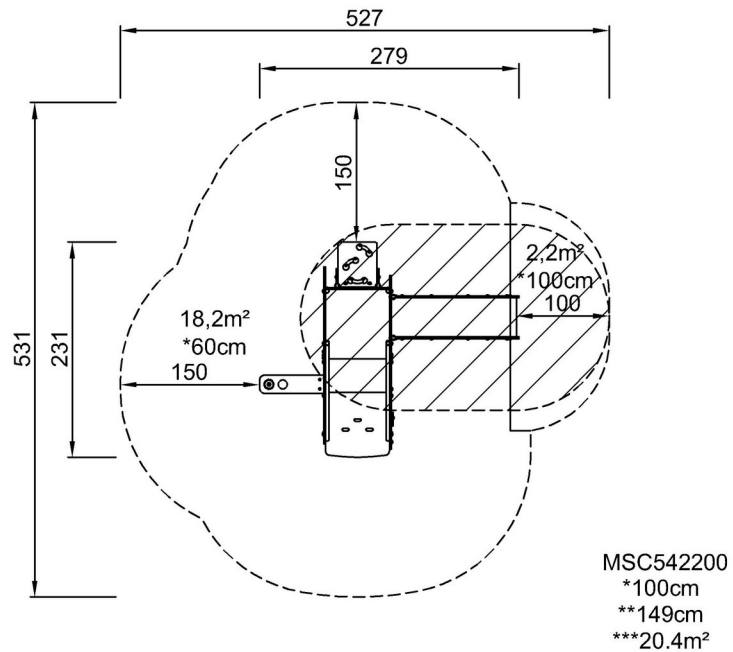


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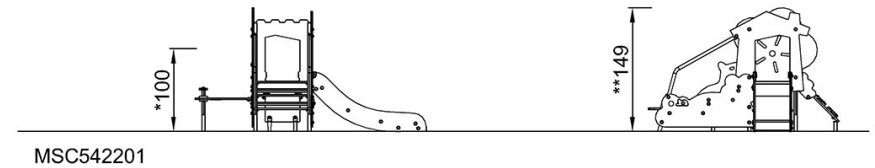
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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

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



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[Click to see SIDE VIEW](#)