

# Palace & Fortress with ADA Stairs


MSC6416

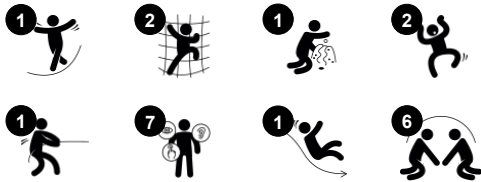


The Palace & Fortress themes appeal to children's urge for dramatic play stories. With the lion side and unicorn side and wide accessible stairway, there is play for everyone. The wide choice of climbing elements and slide enhance motor skills, such as cross-coordination and balance, important for navigating the world confidently. The meeting

points are many, as the Palace and Fortress can be played on all sides. From the watchpoint on the elevated level, you can meet with friends and enjoy the view. You can also use the megaphone to shout out messages to your friends, whether they are locked in the dungeon or meeting up on the ground level den. All in all, the social play invitation in the

Palace and Fortress is immense. Children meet, greet and play, making friends for life.

Item no. MSC641600-3717P	
General Product Information	
Dimensions LxWxH	508x376x288 cm
Age group	2+
Play capacity (users)	19
Colour options	



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## Balcony

**Social-Emotional:** the balcony invites meetings and interaction with people on ground level.



## Accessible stairway

**Physical:** climbing the accessible stairway is for all and supports cross coordination as well as arm and leg muscles. **Social-Emotional:** room for active breaks and adult helpers. An inclusive space.



## Megaphone

**Social-Emotional:** inspires communication and turn-taking skills. **Cognitive:** distortion of sound evokes curiosity and stimulates an understanding of cause and effect.



## Curved climbing wall

**Physical:** children develop their cross-body coordination, proprioception and leg, arm and hand strength. Climbing on a curved surface challenges muscles.



## Desk

**Social-Emotional:** fine meeting place and a space creator. Sharing and cooperation from both sides to create a social scenario that supports communication and cooperation.



## Den

**Physical:** crawling through the possible openings trains spatial awareness. **Social-Emotional:** the enclosed space invites social play for two or three children.



## Slide

**Physical:** develops spatial awareness, sense of balance and trains core muscles when sitting upright going down. **Social-Emotional:** empathy stimulated by turn-taking. **Cognitive:** young children develop their understanding of space, speed and distances when sliding down.

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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 a core produced from 100% recycled material.



All floors are made from high-pressure laminate HPL with a thickness 17.8mm and non-skid surface texture. KOMPAN HPL is high wearing and suitable for all climates.



The curved climbing wall is made of Ekogrip® panel that consists of a 15mm thick PE base with 3 mm top-layer of soft rubber with a non-skid effect.

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## Installation Information

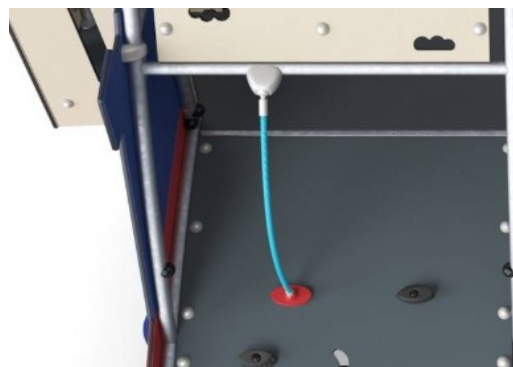
Max. fall height	120 cm
Safety surfacing area	37.0 m²
Total installation time	22.1
Excavation volume	0.87 m³
Concrete volume	0.00 m³
Footing depth (standard)	90 cm
Shipment weight	754 kg
Anchoring options	In-ground ✓ Surface ✓

## Warranty Information

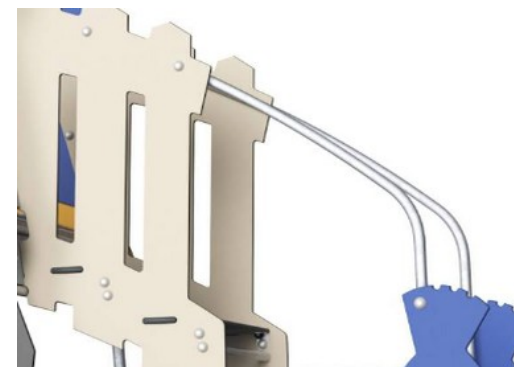
EcoCore HDPE	Lifetime
Galvanised Steel	Lifetime
HPL Decks	15 years
Ropes & Nets	10 years
Spare Parts Guarantee	10 years



The slide is made of moulded PE, which has high impact resistance across a wide temperature span and is vandal resistance.



Climbing nets are made of UV-stabilised PP rope with inner steel cable reinforcement. The rope is induction treated to obtain maximum fixation between steel and rope, which provides excellent wear and tear resistance. All rope connectors are made of 100% recyclable PA material.

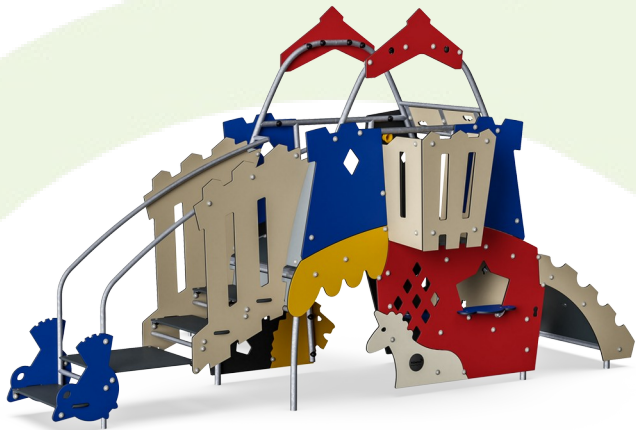


The steel surfaces are hot-dip galvanised inside and outside with lead-free zinc. The galvanisation has excellent corrosion resistance in outside environments and requires low maintenance.



# Sustainability Data

MSC6416



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	%
MSC641600-3717P	1,296.10	2.15	53.34

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))

## 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.

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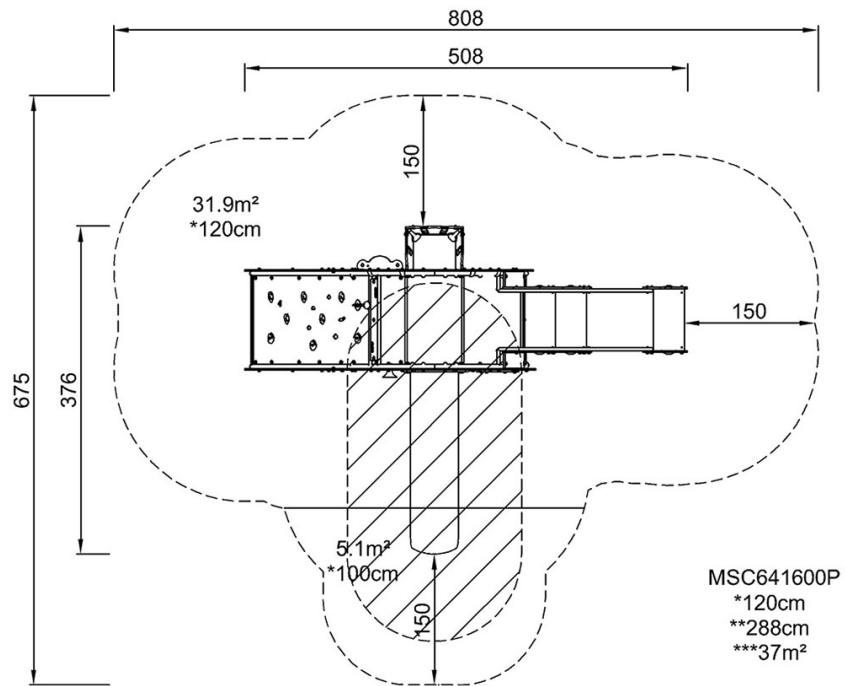


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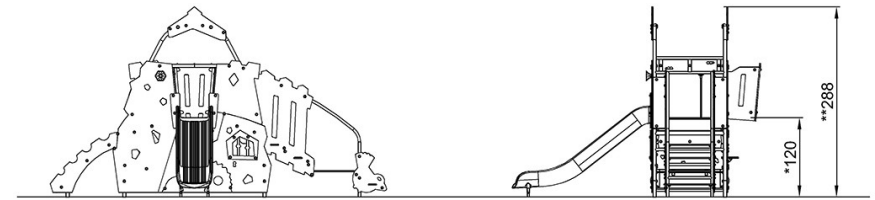
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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

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



[Click to see TOP VIEW](#)



MSC641600

[Click to see SIDE VIEW](#)