
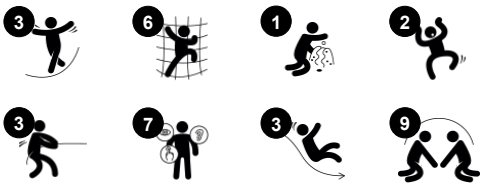


Palace, Fortress, Bridge & Net Tower

MSC6418

Item no. MSC641800-3717P	
General Product Information	
Dimensions LxWxH	780x736x288 cm
Age group	2+
Play capacity (users)	32
Colour options	



The Palace & Fortress theme hugely appeals to children's urges for dramatic play stories. The rich variety of physical play activities makes this a magnet for children wanting fulfilled playtimes. There is a lion side and a unicorn side, inspiring play stories and fantasy characters, and thanks to the two-sided panels, themes, and the wide accessible stairway, this

is play for all, the whole way around the structure. The wide choice of climbing elements of varied difficulty train motor skills, such as cross-coordination. The slides train balance, and these motor skills are important for navigating the world confidently. There are many meeting points so the social play invitation in the Palace and Fortress is

immense, with rich, dramatic play motivation, thanks to the theme. The ground level den or dungeon invites a break with friends. Here all children can meet, greet and play, making friends for life.



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Megaphone

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



Climbing net

Physical: children develop cross-body coordination and muscle strength. The asymmetry of the net challenges the children's climbing.



Curved climbing wall

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



Den

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



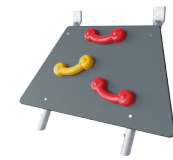
Accessible stairway

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.



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.



Rock climber

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

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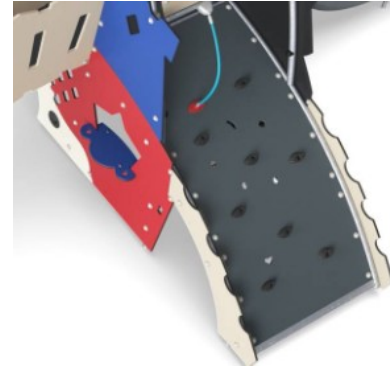
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Panels of 19mm EcoCore™. EcoCore™ is a highly durable, eco-friendly material, which is not only recyclable after use but also consists of a core produced from 100% recycled material.



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.



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.

Item no. MSC641800-3717P

Installation Information

Max. fall height	193 cm
Safety surfacing area	68.5 m²
Total installation time	36.1
Excavation volume	1.89 m³
Concrete volume	0.00 m³
Footing depth (standard)	90 cm
Shipment weight	1,244 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



Sustainability Data

MSC6418



Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
MSC641800-3717P	2,264.90	2.20	51.70

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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Denmark



Verification of CO₂ calculation of: Themed play systems



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: "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 CO₂ 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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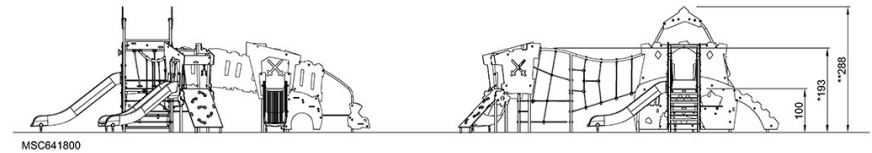
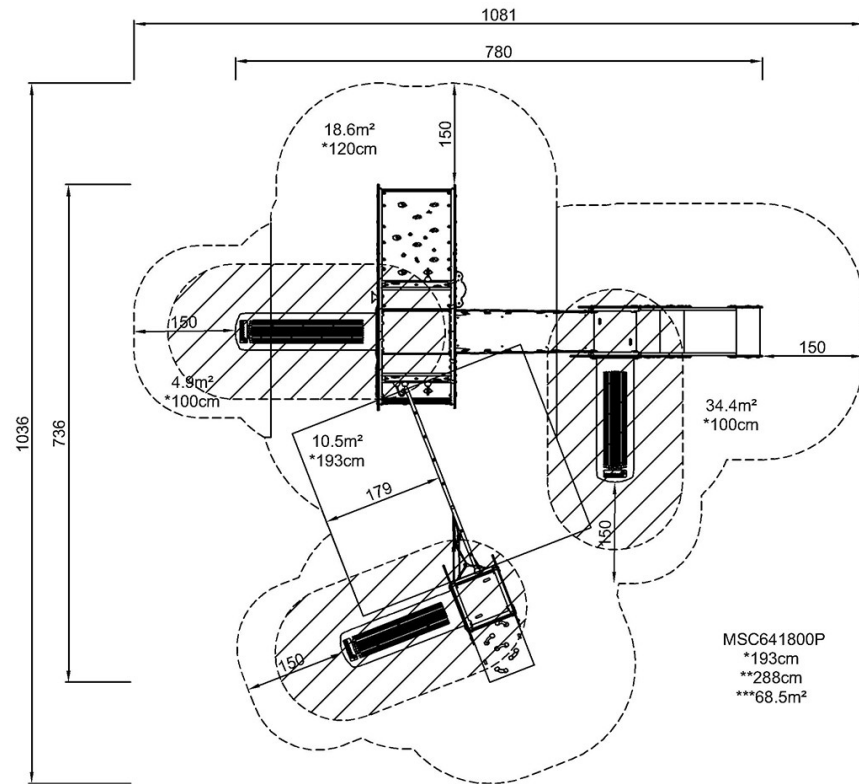


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* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



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