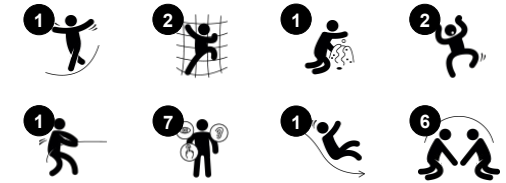


Palace & Fortress

MSC6416



Item no. MSC641600-3717P	
General Product Information	
Dimensions LxWxH	16'8"x12'4"x9'5"
Age group	2 - 5
Play capacity (users)	19
Color options	



WOW! The Palace & Fortress themes hugely appeal to children's urge for dramatic play stories. The ground level den, or dungeon invites a break with friends. There is a lion side and a unicorn side, inspiring play stories. Thanks to the two-sided panels and themes and the wide accessible stairway, this is play for all. The wide choice of climbing events and

the slide train 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 watch point on elevated level, you can meet with friends and enjoy the view. A megaphone also enables shouting out messages. All in all, the

social play invitation in the Palace and Fortress is immense. Children meet, greet and play, making friends for life.



Palace & Fortress

MSC6416



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. For young children, walking stairs and alternating feet is developed. **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 is an extra challenge to muscles.



Desk

Social-Emotional: fine meeting place and a space creator. Sharing and cooperation from both sides 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: 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. **Cognitive:** young children develop their understanding of space, speed and distances when sliding down quickly.

Palace & Fortress

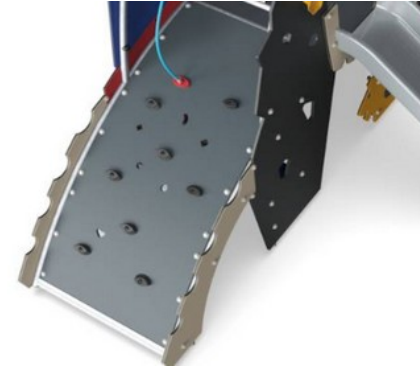
MSC6416



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 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.

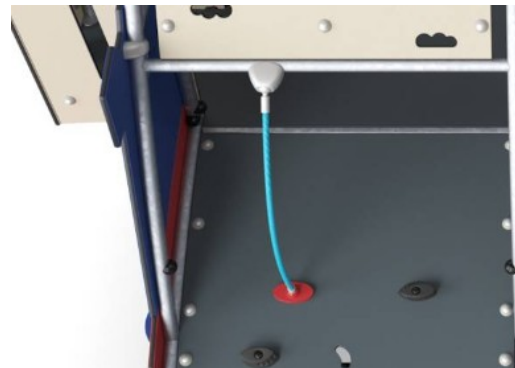


Curved climbing wall is made of Ekogrip® panel that consist of a 15mm thick PE base with 3 mm top-layer of soft rubber with a non-skid effect.

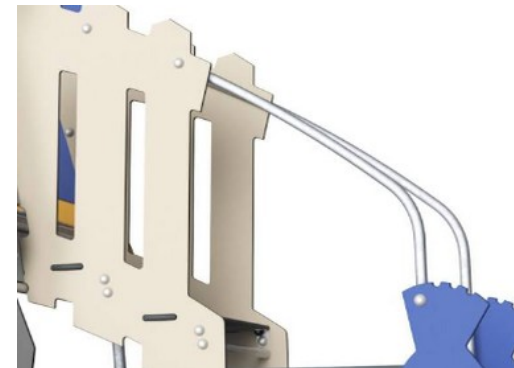
Item no. MSC641600-3717P	
Installation Information	
Max. fall height	3'11"
Safety surfacing area	502ft ²
Total installation time	22.1
Excavation volume	1.14yd ³
Concrete volume	0yd ³
Footing depth (standard)	2'11"
Shipment weight	1526lbs
Anchoring options	In-ground ✓ Surface ✓
Warranty Information	
EcoCore HDPE	Lifetime
Hot dip galvanized steel	Lifetime
HPL decks	15 Years
Ropes & nets	10 Years
Spare Parts Availability	10 Years



The slide is made of molded PE. PE has high impact resistance across a wide temperature span which ensures vandal resistance in all locations.



Climbing nets are made of UV-stabilized 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 galvanized inside and outside with lead-free zinc. The galvanization has excellent corrosion resistance in outside environments and requires minimal maintenance.

Elevated activities 3	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	3	2	2
Required	2	1	1

ASTM F1487
compliant

Sustainability Data

MSC6416



Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ 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))

Kompan A/S
 C.F. Tietgens Boulevard 32C
 DK-5220 Odense SØ
 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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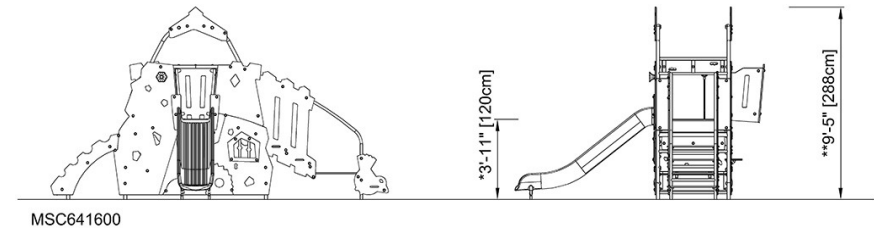
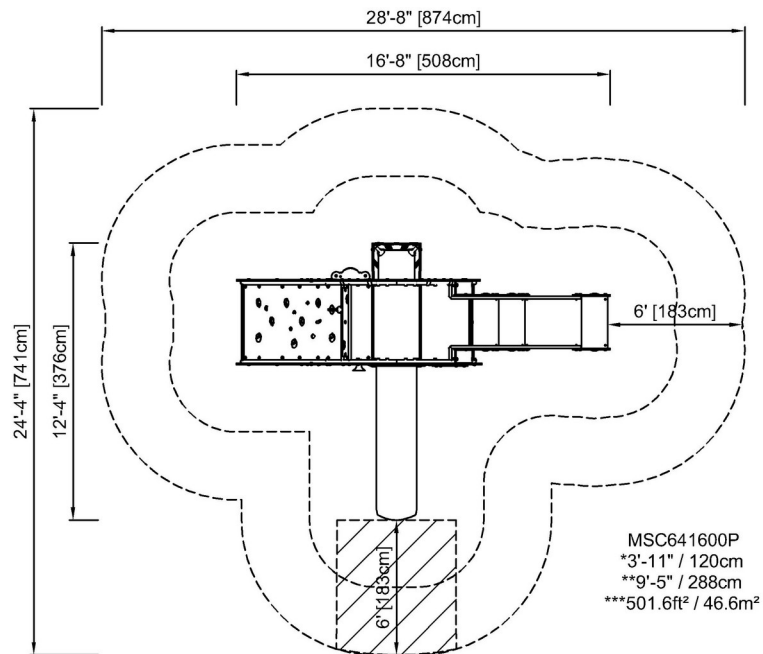


Palace & Fortress

MSC6416

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

* Max fall height | ** Total height



[Click to see TOP VIEW](#)

[Click to see SIDE VIEW](#)