

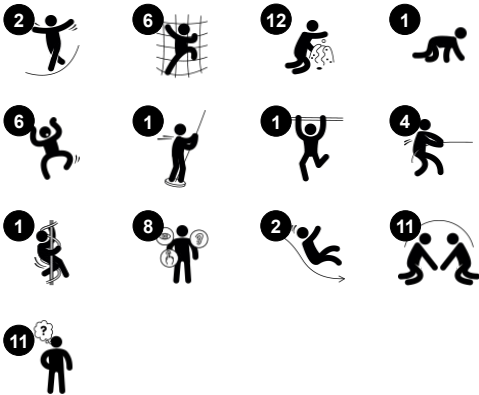
# Little Mermaid & Tinderbox Castle

MSC6435

Item no. MSC643500-3717P

General Product Information

Dimensions LxWxH	27'1"x15'6"x12'1"
Age group	2 - 5
Play capacity (users)	30
Color options	



The highly appealing fairytale themes of The Little Mermaid and the Tinderbox have a huge attraction on all children and adults. The QR-codes give free access to a whole fairytale world with e-books and educational games in 16 languages. The awesome variety of play events for the mind and body attract children to play and explore, again and again. The

fairytale manipulatives inspire dramatic play, which is a great training of language skills. These play features also train logical thinking skills when children figure out their function. All these elements can be worked from both sides of the panels, spurring social interaction and adding play capacity. The wide variety of climbing, sliding, jumping activities train basic

motor skills important for navigating the world securely. The accessible stairway provides easy access: play for all!

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## Binoculars

**Cognitive:** the binoculars set a tangible theme and so spur dramatic play. Dramatic play is great for developing language and communication skills. **Creative:** the binoculars can be turned in all directions. Looking through them gives a new perspective on the world.



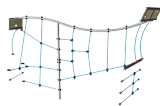
## Slide

**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.



## Curly climber

**Physical:** coordination and proprioception are supported when placing arms and legs correctly for going down. Sense of balance when rotating. Arm muscles for holding tight. **Social-Emotional:** empathy stimulated by turn-taking. **Cognitive:** logical thinking when placing arms and legs right for rotating downward.



## 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 is an extra challenge to muscles.



## Book with QR-code

**Cognitive:** scan the code and access a range of e-books and educational games in your native or 15 other languages. Scanning in a range of e-books with fairytales or playful learning games, centered around languages and story-telling. **Creative:** scanning in an AR (Augmented Reality) element that allows for creating photos in real time with figures from the Hans Christian Andersen fairytales.



## 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.

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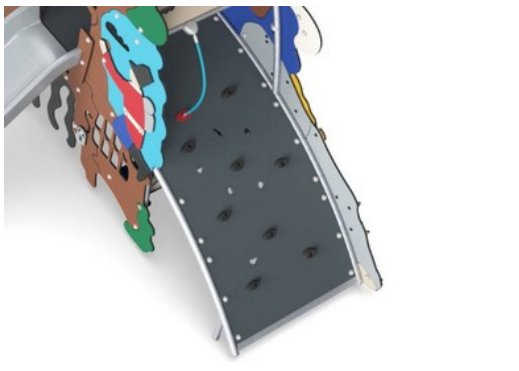
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Panels of 19mm EcoCore™. EcoCore™ is a highly durable, eco friendly material, which is not only recyclable after use, but also consists of a core produced from 100% recycled material.



All floors are made 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.



The slides can be chosen in different materials: Straight molded PE slides or combined EcoCore™ sides and stainless steel slide bed t=2mm.



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 steps are made of Ekogrip panel that consist of a 15 mm thick PE base with 3mm top-layer of soft rubber with a non-skid effect. 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 low maintenance.

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Installation Information	
Max. fall height	7'5"
Safety surfacing area	731ft²
Total installation time	42.2
Excavation volume	1.14yd³
Concrete volume	0yd³
Footing depth (standard)	2'0"
Shipment weight	2438lbs
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

Elevated activities 10	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	10	8	3
Required	5	3	3

**ASTM  
F1487**  
compliant

# Sustainability Data

MSC6435



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	%
MSC643500-3717P	2,065.70	2.15	57.40

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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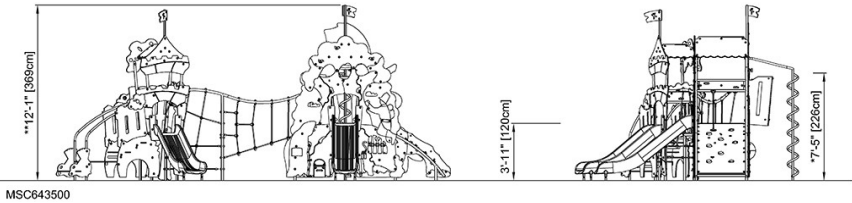
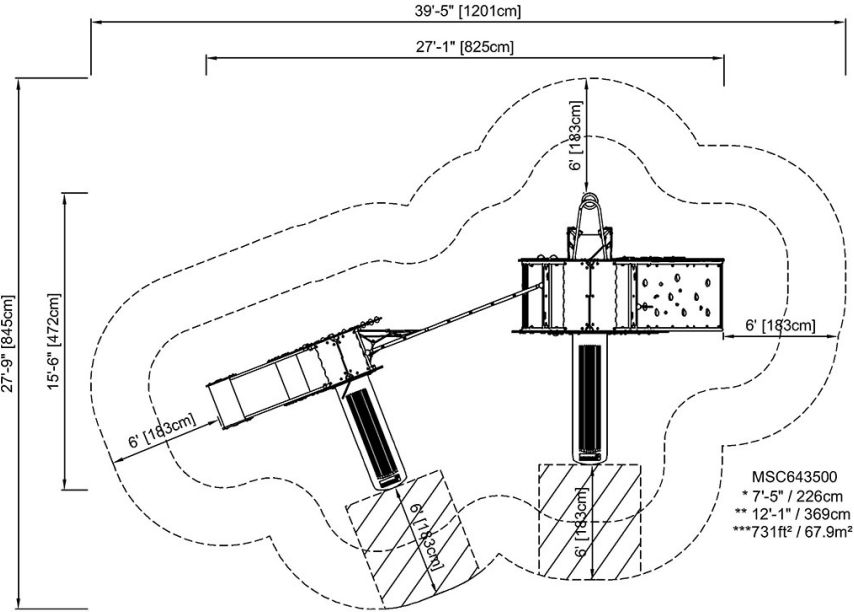


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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

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



[Click to see TOP VIEW](#)

[Click to see SIDE VIEW](#)