

# Double Toddlers Castle

MSC5424



Item no. MSC542401-3417P

## General Product Information

|                       |   |
|-----------------------|---|
| Dimensions LxWxH      | 10'7"x9'2"x4'11"  |
| Age group             | 2 - 5   |
| Play capacity (users) | 15  |
| Color options         |  |



This colorful, bright play unit invites all in with a WOW of play experience variety. The unit will attract toddlers again and again, thanks to the layered play. Play details are scaled to evoke curiosity and support play for age 1 and up. The varied physical play events of the Double Toddlers Castle offer motor skill and muscle stimulation for all, and there is a broad stairway

to support crawling and caregiver assistance. Alternatively there is a climb challenge in the inclined climbing wall that can train cross-coordination. On the platform there is a rewarding slide and fun holes to offer interaction with the outside. The bubble window reflects a child's voice and can support language and logical thinking. The many

ground level details are tactile temptation for curious toddlers and additionally support cause and effect understanding and logical thinking.



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## Bubble Window

**Social-Emotional:** invites interaction between outside and inside. **Cognitive:** distorts the sound of the voice, developing logical thinking.



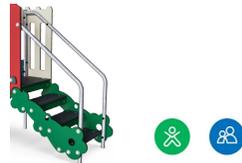
## Rock climber

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



## Stairway

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



## Theme

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



## Desk with ring

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



## Panel with manipulatives

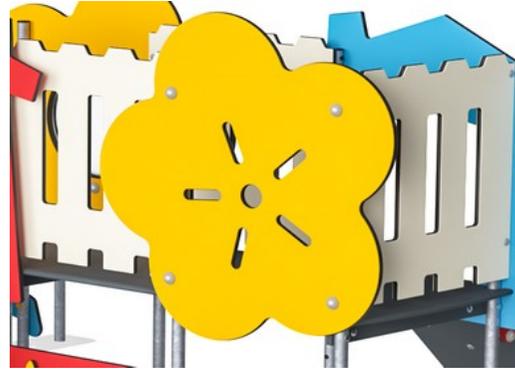
**Social-Emotional:** cooperation from both sides of panel. **Cognitive:** cause and effect understanding and logical thinking: making sounds when running the play sphere through the vertical groove.

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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.



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.



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.



The transparent bubble is made of PC. It allows children to observe the playground and surroundings.

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### Installation Information

|                          |                          |
|--------------------------|--------------------------|
| Max. fall height         | 2'0"                     |
| Safety surfacing area    | 365ft <sup>2</sup>       |
| Total installation time  | 13.6                     |
| Excavation volume        | 0.59yd <sup>3</sup>      |
| Concrete volume          | 0yd <sup>3</sup>         |
| Footing depth (standard) | 2'0"                     |
| Shipment weight          | 662lbs                   |
| Anchoring options        | In-ground ✓<br>Surface ✓ |

### Warranty Information

|                          |          |
|--------------------------|----------|
| EcoCore HDPE             | Lifetime |
| Hot dip galvanized steel | Lifetime |
| HPL decks                | 15 Years |
| Movable parts            | 2 Years  |
| Spare Parts Availability | 10 Years |

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



# Sustainability Data

MSC5424



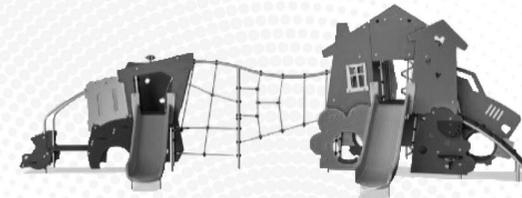
| Cradle to Gate A1-A3   | Total CO <sub>2</sub> emission | CO <sub>2</sub> e/kg    | Recycled materials |
|------------------------|--------------------------------|-------------------------|--------------------|
|                        | kg CO <sub>2</sub> e           | kg CO <sub>2</sub> e/kg | %                  |
| <b>MSC542401-3417P</b> | 465.30                         | 1.92                    | 53.90              |

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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## 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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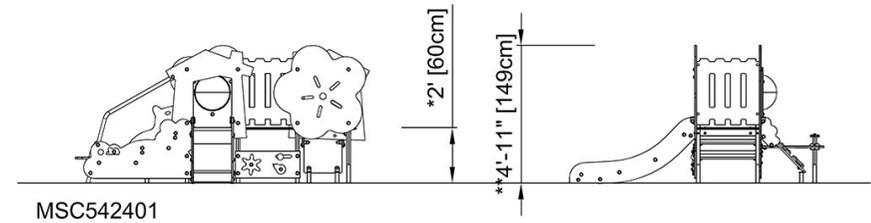
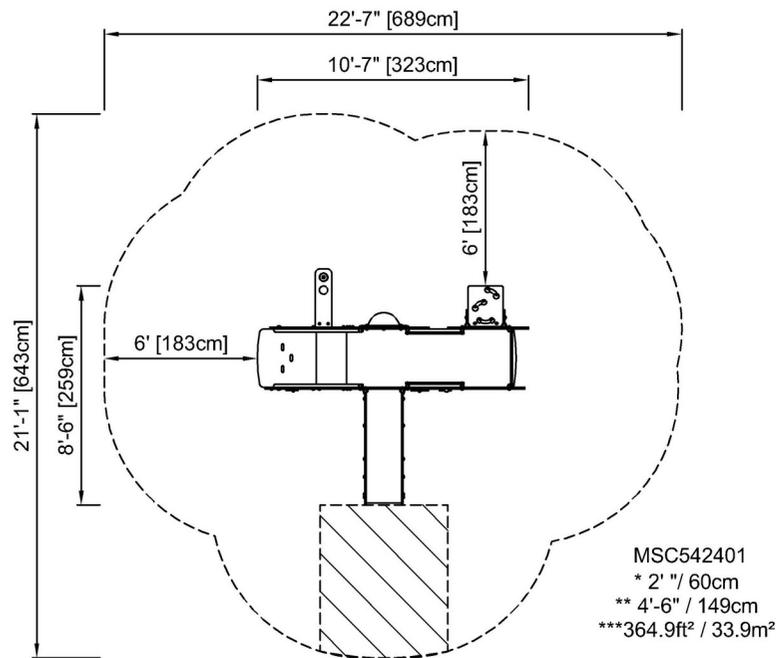


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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

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



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[Click to see SIDE VIEW](#)