

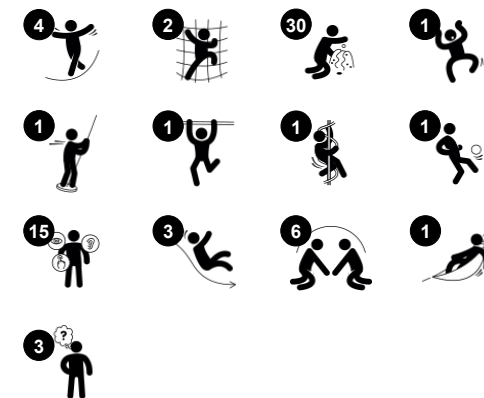


# Barn

PCM51531



Item no. PCM51531-0903	
General Product Information	
Dimensions LxWxH	444x409x338 cm
Age group	2 - 5
Play capacity (users)	18
Colour options	 



The Barn with its farm themed illustrations is a great attractor of dramatic and fun physical play for all abilities in younger children. The rich variety of manipulative and fun physical activities on elevated and ground level support dramatic play scenarios for all children. Varied climb, crawl, sway and slide activities attract hugely and ensure physical activity that trains important motor skills, such as cross-

coordination. This builds body confidence and ultimately stimulates the cross-modal perception, which supports for instance reading skills. The slide, Curly Climber and double slide vary the choice of going down – which benefits all abilities and ages. And on ground level, around and under the platform, a lovely music panel gathers children in an attractive meeting point, which features a hammock to enjoy the

music from, while swaying gently. Dramatic play is the favorite play type for younger children. When supported by richly varied manipulative and thematic items, KOMPAN Play Institute research shows that the retention and dramatic play increases, even in young children.

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## 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 downwards.



## Tic-tac-toe panel

**Social-Emotional:** stimulates communication and turn-taking skills. **Cognitive:** support rules understanding, strategic thinking. **Creative:** leaving marks when tumblers are left in new positions.



## Hammock

**Physical:** coordination and sense of balance when swaying. **Social-Emotional:** meeting, pushing friends gently back and forth, turn-taking. **Cognitive:** for toddlers cause and effect understanding.



## Rock climber

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



## Xylophone music panel

**Social-Emotional:** invites social interaction and co-creation for more children, on both sides. **Cognitive:** understanding of cause and effect when striking tubes and creating sound. **Creative:** the creation of different intensity and tonality stimulates creative skills.



## Double slide

**Physical:** sliding develops spatial awareness and a sense of balance. Furthermore, the core muscles are trained when sitting upright going down. **Social-Emotional:** invites socializing, supports parent-child and peer-to-peer play. **Cognitive:** young children train their understanding of space, speed and distances when sliding down quickly.



## 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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Panels of 19mm EcoCore™. EcoCore™ is a highly durable, eco friendly material, which is not only recyclable after use, but also consists of material produced from +95% recycled post consumer material from food packing waste.



Main posts with hot dip galvanised steel footing are pre-galvanised inside and outside with powder coated top finish.

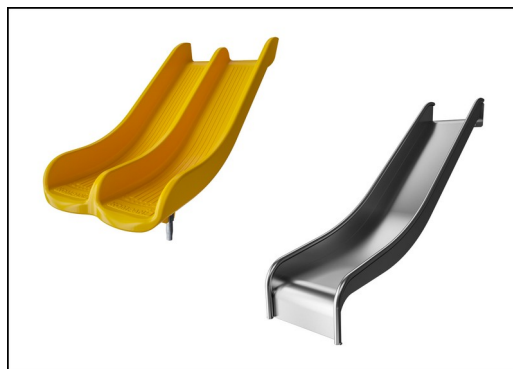


All decks are supported by unique designed low-carbon aluminum profiles with multiple attachment options. The grey colored molded decks are made of 75% post-consumer waste PP material with a non-skid pattern and texture surface.

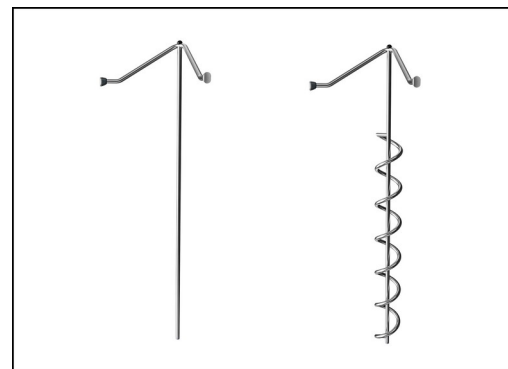
Item no. PCM51531-0903	
Installation Information	
Max. fall height	204 cm
Safety surfacing area	49.4 m <sup>2</sup>
Total installation time	22.5
Excavation volume	0.88 m <sup>3</sup>
Concrete volume	0.11 m <sup>3</sup>
Footing depth (standard)	90 cm
Shipment weight	955 kg
Anchoring options	In-ground <input checked="" type="checkbox"/> Surface <input checked="" type="checkbox"/>
Warranty Information	
EcoCore HDPE	Lifetime
Hollow PE parts	10 years
Post	10 years
PP Decks	10 years
Spare parts guaranteed	10 years



High-quality polycarbonate with a thickness of 15mm. The graphic prints are added by a unique multi-layer print process where the inner layer is the image and outer transparent layer functions as protection. Both PC panel and the water-based lacquer are UV stabilized to prevent fading.



The slides are available in either molded PE made from 33% recycled post-consumer materials in different colors or in full AISI304 stainless steel with a thickness of 2mm.



The stainless steel activities are made of high quality stainless steel. The steel is glass blasted after manufacturing to ensure a smooth gliding surface.

Elevated activities 5	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	5	3	2
Required	3	2	2

**CSA  
Z614**  
compliant

# Sustainability Data

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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>PCM51531-0903</b>	1,935.27	2.79	50.42

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 CO<sub>2</sub> calculation of: 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: "Play systems" represented by item no.: PCM200321-0950.

(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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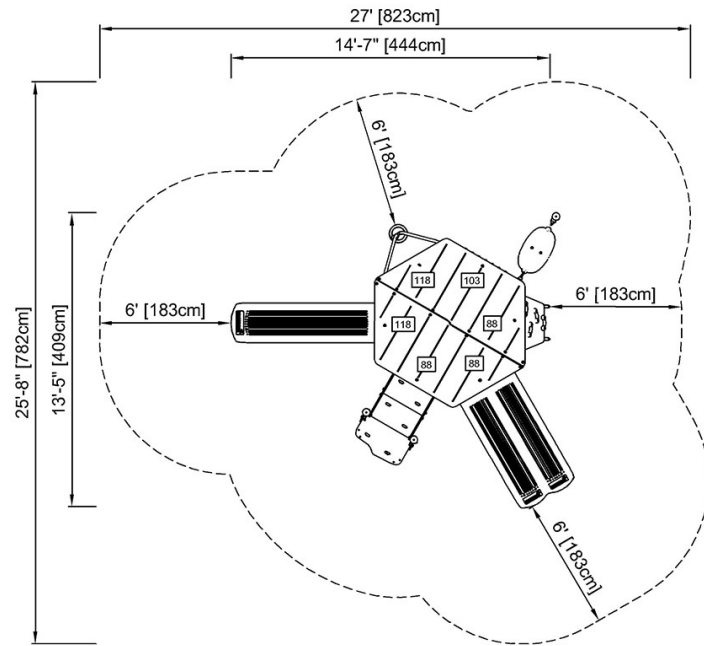


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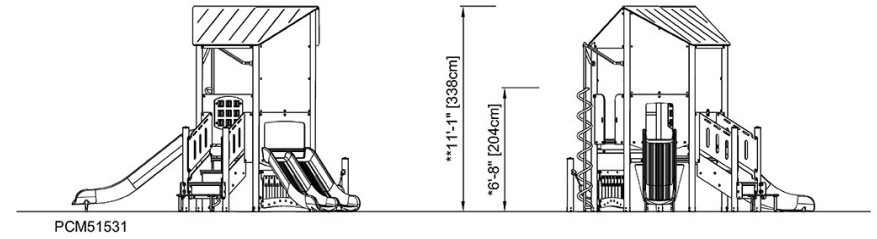
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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

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



PCM51531  
\* 6'-8" / 204cm  
\*\* 11'-1" / 338cm  
\*\*\* 530.7ft<sup>2</sup> / 49.4m<sup>2</sup>



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[Click to see TOP VIEW](#)

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