

# Rainier




PCE210221

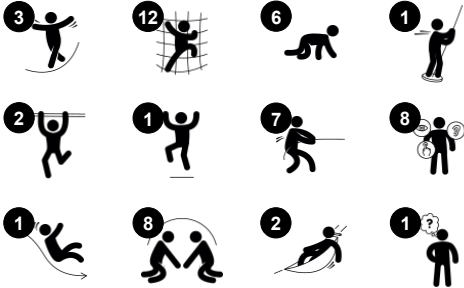


The Rainier, with its impressive height, attracts children again and again. The wide array of fun activities ensures hours of play. The variety of climbing, sliding and swaying play events trains cross-body coordination and balance, which are both important for life skills like traffic safety. The sturdy climbing wall panel adds the opportunity to take a break with friends on the

way up or down. The swaying shells under the platform offer a nice meeting spot. The inclined net brings climbers up to the banister bar and slide platforms offers soft-cross body coordination training. The banister bars and the tall slide are thrilling rewards for the climb. The Rainier is irresistibly climbable all over, inside out, meaning play opportunities everywhere,

for many levels of development. It is a compact play experience with loads of challenges.

Item no. PCE210221-0901	
General Product Information	
Dimensions LxWxH	656x626x572 cm
Age group	6+
Play capacity (users)	24
Colour options	  



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## Jacob's ladder

**Physical:** cross coordination and spatial awareness as well as upper body muscles when hanging with arms. **Social-Emotional:** turn-taking and cooperation. **Cognitive:** logical thinking when going from 2nd to 3rd step, changing feet.



## Boarding net

**Physical:** supports physical strength and cross-body coordination, which impacts coordination of the right and left part of brain.



## Curved slide

**Physical:** develops spatial awareness, sense of balance and trains core muscles when sitting upright going down. **Social-Emotional:** empathy stimulated by turn-taking.



## Wall climber

**Physical:** climbing supports cross coordination, proprioception, and the development of major muscle groups and hand strength. **Social-Emotional:** two-sided climbing spurs social interaction and turn-taking.



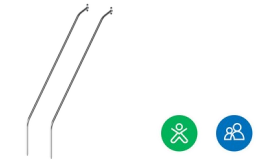
## Supportive handholds

**Physical:** handhold provides good grip for less confident climbers. Trains upper body muscles. **Social-Emotional:** allows for a range of physical abilities to enter independently and securely, play for all.



## Play shell

**Physical:** the swaying movement stimulates the sense of balance, necessary to sit still on a chair. **Social-Emotional:** meeting, taking a break and turn-taking are supported, skills necessary to learn how to avoid conflicts.

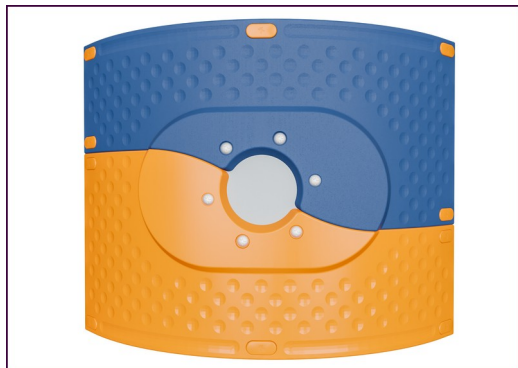


## Banister bars

**Physical:** supports coordination, arm and core muscles. Landing strengthens bone density. **Social-Emotional:** turn-taking and risk-taking.

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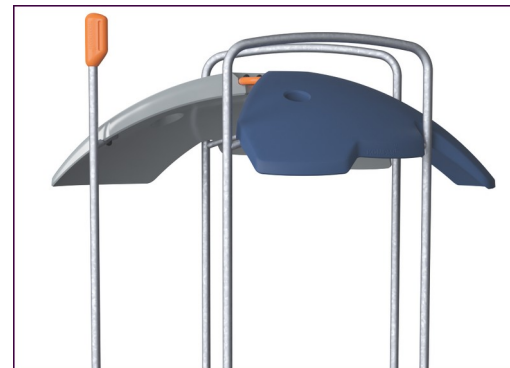
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The Curved ELEMENTS panels are moulded of UV stabilised recyclable PE with multiple options for in-built play features that also ensures a strong panel solution. Straight panels are made of KOMPAN 19mm PE EcoCore™ which is a highly durable, eco-friendly and recyclable material.



The climbing elements displayed are moulded in one piece with a minimum 5mm wall thickness. The climbing elements are made of recyclable PE, which has a high impact resistance across a wide temperature span and is also vandal resistance.



The ELEMENTS roofs are made of recyclable PE with a minimum wall thickness of 5 mm to ensure high durability in all climates around the world. The steel pipes are hot-dip galvanised inside and outside for maximum durability.



The main posts are made of high quality pre-galvanized steel with powder coated top finish. Post tops are closed with caps of UV stabilized nylon (PA6). The grey colored molded decks are made of 75% post-consumer ocean waste PP material with a non-skid pattern and textured surface. All decks are supported by uniquely designed, low-carbon aluminum profiles with multiple attachment options.



ELEMENTS rubber membranes are conveyor belt made of layers of rubber mixed of natural rubber and SBR rubber and embedded with layers of armouring made of woven PE and PA. The thickness 8mm ensures high durability in any environment.



ELEMENTS ropes have six-stranded steel wires and a steel wire core. Each strand is tightly wrapped with PES yarn, which is melted onto each individual strand. After initial friction has removed the surface fibres, a harder PES coating remains to protect each strand, making the ropes highly wear and vandalism resistant.

Item no. PCE210221-0901

## Installation Information

Max. fall height	238 cm
Safety surfacing area	63.6 m²
Total installation time	31.1
Excavation volume	1.47 m³
Concrete volume	0.34 m³
Footing depth (standard)	85 cm
Shipment weight	972 kg
Anchoring options	Surface ✓ In-ground ✓

## Warranty Information

Curved Panels	10 years
EcoCore HDPE	Lifetime
Membrane	2 years
Post	10 years
Spare Parts Guarantee	10 years



# 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	%
PCE210221-0901	2,153.60	2.87	47.40

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))

## Kompan A/S

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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.

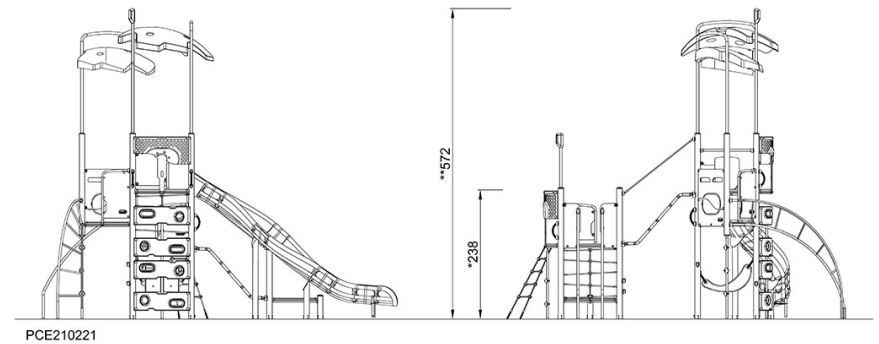
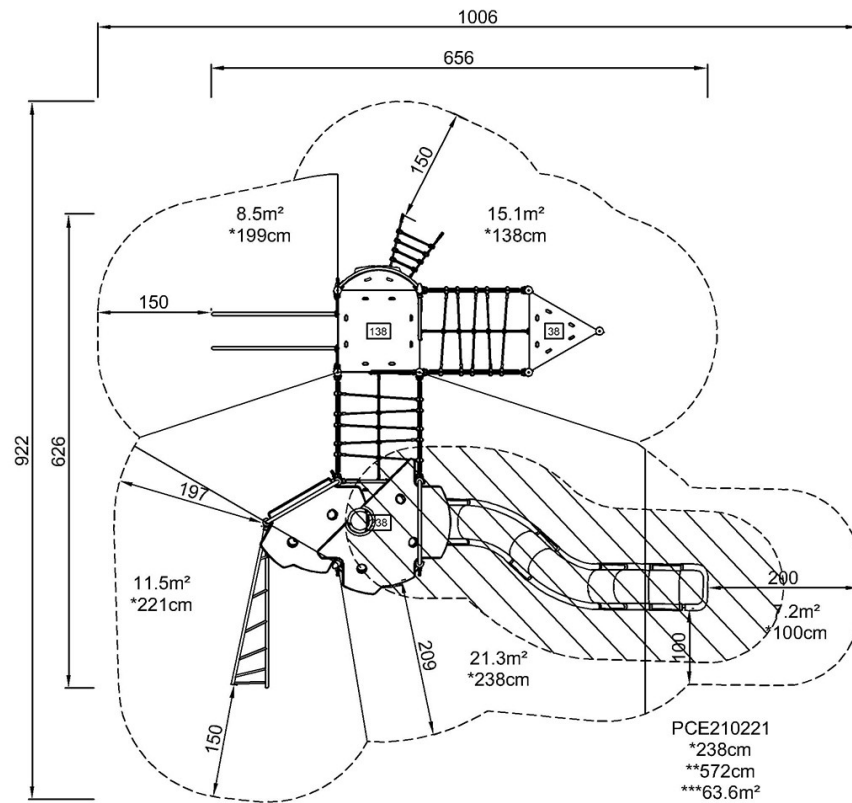
**Publication date: 30. October 2023**

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

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



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