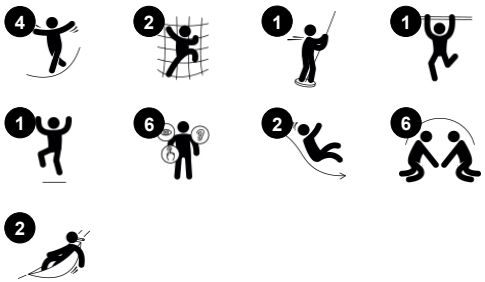
# Komodo

PCE211521

| Item no. PCE211521-0901 | |
|---|---|
| **General Product Information** | |
| Dimensions LxWxH | 567x508x223 cm |
| Age group | 3+ |
| Play capacity (users) | 14 |
| Colour options | |




The Komodo is a fantastic structure that attracts children. The variety of activities will encourage children to play longer and come back again and again. The Komodo offers ample climbing and balancing space for active children. The wobbly bridge offers thrill for children who like to challenge themselves, and it provides a social opportunity to feel the actions of others as children move across. The varied climbing units train proprioception and cross-body coordination, which are fundamental for children's reading skills. The curved slide and the fireman's pole are thrilling paths to return to the ground. As well as climbing and sliding, there are plenty of opportunities for social play that will help children to build important social and emotional skills, and will motivate children to play for longer.

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**Wackle bridge**
**Physical:** sense of balance and space, and training of posture. Important for being able to sit still.
**Social-emotional:** cooperation, turn-taking and friendly competition on the plates.

**Curved 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.

**Climbing pole**
**Physical:** cross coordination and muscle strength are trained.
**Social-emotional:** turn-taking and cooperation.

**Fireman's pole**
**Physical:** coordination is supported when going down, as well as arm and core muscles. Landing strengthens bone density, which is built for life in early childhood.
**Social-emotional:** turn-taking and risk-taking.
**Cognitive:** young children develop their understanding of space, speed and distances when gliding down fast.

**Pipe ladder**
**Physical:** cross coordination and eye-hand coordination are supported when children climb the ladder. The climbing also supports leg and arm muscles.
**Social-emotional:** learning about turn taking and cooperation.

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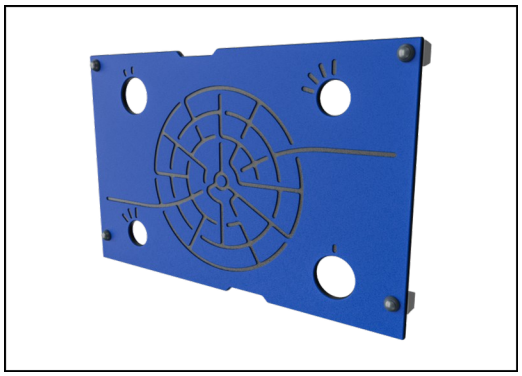
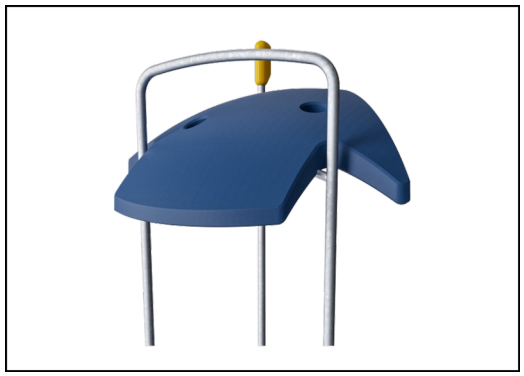


Panels of 19mm EcoCore™. EcoCore™ is a highly durable, eco friendly material, which is not only recyclable after use, but also consists of a core produced from 100% recycled post consumer material from food packing waste.



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.

Sails of commercial 95 high density PE knitted specially for sun-shade structures. The sails are treated with UV stabilizers to ensure a long life-time. The sails are supported by a hot dip galvanised steel frame and tightened by stainless steel devices.

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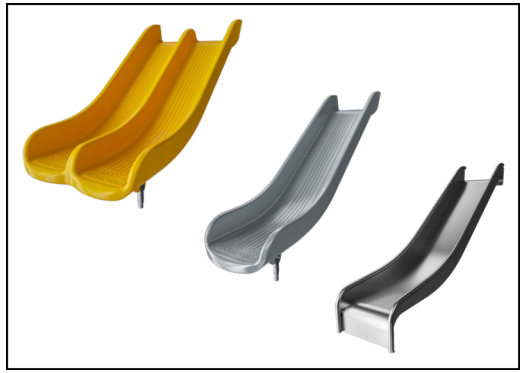
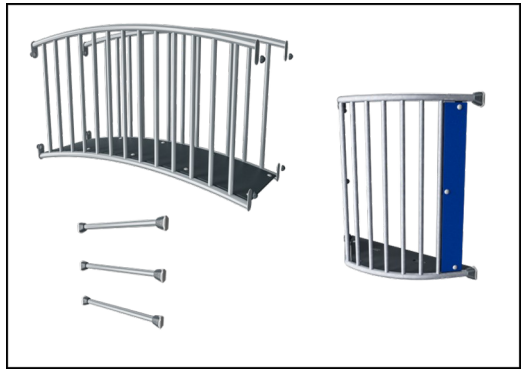
| Installation Information | |
|---|---|
| Max. fall height | 118 cm |
| Safety surfacing area | 44.2 m2 |
| Number of installers | 2 |
| Total installation time | 17.6 |
| Excavation volume | 0.42 m3 |
| Concrete volume | 0.04 m3 |
| Footing depth (standard) | 90 cm |
| Shipment weight | 555 kg |
| Anchoring options | In-ground ✔ |
| | Surface ✔ |

| Warranty Information | |
|---|---|
| EcoCore HDPE | Lifetime |
| Post | 10 years |
| PP Decks | 10 years |
| Hollow PE parts | 10 years |
| Spare parts guaranteed | 10 years |

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 texture surface. All decks are supported by unique designed low-carbon aluminum profiles with multiple attachment options.



The slides are available in either moulded PE in different colours or in full stainless steel AISI304 t= 2mm.



The steel surfaces are hot dip galvanised inside and outside with lead free zinc. The galvanisation has excellent corrosion resistance in outside environments and requires low maintenance.

# Sustainability

| Cradle to Gate A1-A3 | Total $CO_2$ emission | $CO_2e$/kg | Recycled materials |
|---|---|---|---|
| | kg $CO_2e$ | kg $CO_2e$/kg | % |
| **PCE211521-0901** | 1,168.90 | 2.77 | 41.90 |

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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Validation of $CO_2$ calculation method
**BUREAU VERITAS**
**HSE Denmark A/S**

## Validation of CO2 calculation of: Play systems

Data version no. 2021-01-11

The $CO^2$ 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.: PCM200309-0010.

(Scope 3 emissions include emission sources in the upstream and downstream value chain).

**Date: 15. October 2021 | Valid until: 15. October 2023**
**Validated by:**

Bente Hviid, Senior Consultant

Peter Bendtsen, Senior Consultant

Validation based on report: Validation of $CO^2$ calculation of play systems – Kompan, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Bente Hviid and Peter Bendtsen.

**Publication date: 15. October 2021**

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# Komodo

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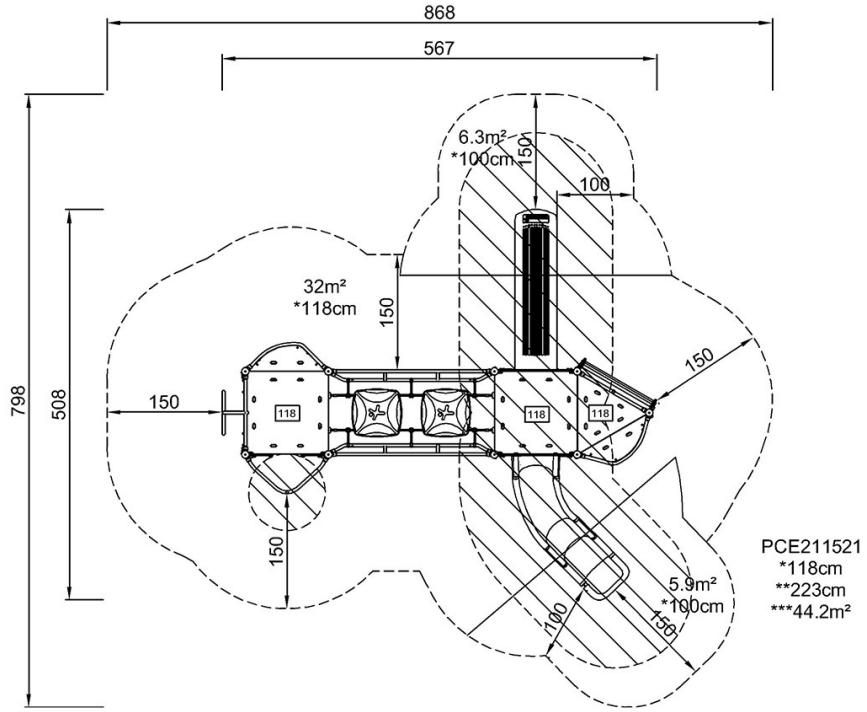
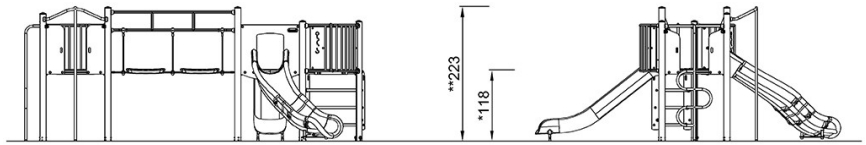
KOMPAN Let's play

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




* Max fall height | ** Total height




Click to see TOP VIEW

Click to see SIDE VIEW