# Kangaroo

KPL103

| Item no. KPL103-0411 | |
|---|---|
| **General Product Information** | |
| Dimensions LxWxH | 35x97x82 cm |
| Age group | 1+ |
| Play capacity (users) | 1 |
| Color options | |

The Kangaroo, with its hugely inviting look and function, attracts and supports children's play. The rocking sensation provides a great movement response. Movement response is among the top play sensations that there are. Apart from the fun, this adds a feeling of control to the child's play behaviour. The responsive movement also trains the understanding of cause and effect in young children: that actions have an effect on the world. This stimulates logical thinking. Rocking the Kangaroo trains the child's sense of balance and space as well as leg and arm muscles when holding tight and pushing their feet hard into the foot supports. All of these basic motor and muscle skills help train the child's bodily cognition, supporting important life skills such as being able to sit still on a chair, concentrate, or navigate traffic securely.

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**Handhold**
**Physical:** the vertical handgrips ensure a firm grip at different heights, necessary for rocking intensely. This trains hand and arm muscles.

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

**Rocking spring**
**Physical:** response to movements adds to spatial awareness and sense of balance. These are fundamental motor skills that help the child's ability to sit still on a chair which takes a good sense of balance. **Cognitive:** trains the understanding of cause and effect: when I move my body, the spring responds with movement.

**Foot support**
**Physical:** a good footrest supports intensive rocking. Rocking stimulates the senses of balance and space that are fundamental in managing the world securely. To rock intensely also supports coordination and muscle strength.

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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.

KOMPAN Springs are made of high quality spring steel according to EN10270. The springs are cleaned by phosphating before they are painted with an epoxy primer and a polyester powder coating as top finish. The springs are fixed by unique anti pinch fittings for maximum safety and long lifetime.

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| **Installation Information** | | |
| Max. fall height | | 60 cm |
| Safety surfacing area | | 7.5 m² |
| Total installation time | | 2.3 |
| Excavation volume | | 0.15 m³ |
| Concrete volume | | 0.00 m³ |
| Footing depth (standard) | | 45 cm |
| Shipment weight | | 28 kg |
| Anchoring options | In-ground | ✔ |
| | Surface | ✔ |
| **Warranty Information** | | |
| EcoCore HDPE | | Lifetime |
| Handle | | 10 years |
| PE/PP components | | 5 years |
| Spare parts guaranteed | | 10 years |
| Springs | | 5 years |

Handholds and footrests are made of injection moulded high quality nylon (PA6). PA6 has good wearing and impact strength.


Seat is made of a moulded PP insert with an outer soft layer of TPE rubber. TPE rubber has good shock absorption and ensures durable solution.

# Sustainability Data

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| Cradle to Gate A1-A3 | Total $CO_2$ emission | $CO_2e$/kg | Recycled materials |
|---|---|---|---|
| | kg $CO_2e$ | kg $CO_2e$/kg | % |
| **KPL103-0411** | 62.13 | 2.52 | 44.54 |

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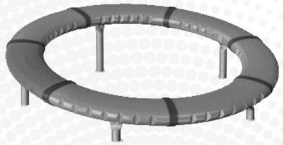
Validation of $CO_2$ calculation method
**BUREAU VERITAS**
**HSE Denmark A/S**

## Verification of $CO_2$ calculation of: Freestanding play equipment



Data version no. 2023-10-05

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: "Freestanding play equipment" represented by item no.: GXY916012-3417.

(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 $CO_2$ 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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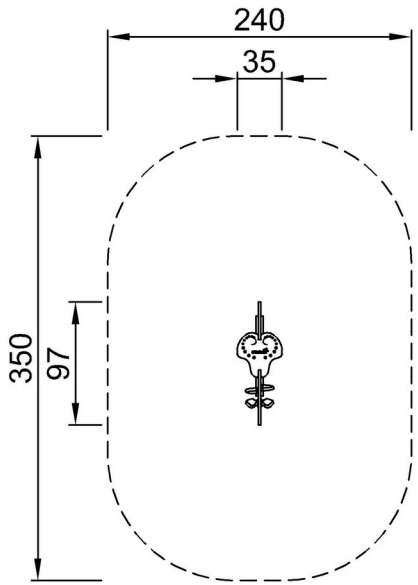
* Max fall height | ** Total height | *** Safety surfacing area

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*60cm
**82cm
***7.5m²

Click to see TOP VIEW

* Max fall height | ** Total height


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Click to see SIDE VIEW