

Silberhorn

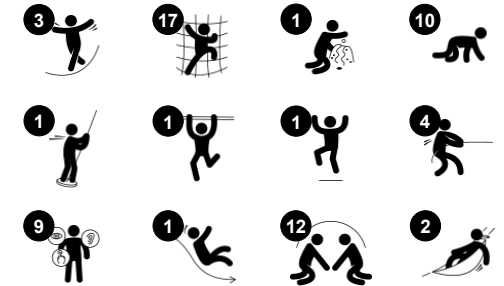
PCE110831

KOMPAN
Let's play

Item no. PCE110831-0903

General Product Information

Dimensions LxWxH	685x883x572 cm
Age group	5 - 12
Play capacity (users)	32
Colour options	



With a world of thrilling climbing, sliding and swaying activities, the Silberhorn attracts children time after time, thanks to the wide variety of challenges and meeting points. There are banister bars for gliding, curved slide for different sliding experiences, play shells and climbing walls for cross-body coordination and muscle strength as well as rubber pods for

balance training. A twisted net and swaying play shells in the middle add to the attraction. All of these activities train muscles as well as the motor skills' ABC: Agility, Balance and Coordination. These are important for the child's ability to concentrate, as well as life skills like navigating traffic securely. The challenge of the activities, like climbing high,

stimulates the children's self-esteem. The openness of design and the layers of play challenge offers activity and interaction for all.



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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.



Whiteboard

Social-Emotional: the width of the blackboard caters for groups of children cooperating and sharing ideas. **Creative:** drawing and leaving your mark stimulates creative thinking.



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.



Rubber pod access

Physical: coordination, balance, and proprioception when climbing up or down. Training of major muscle groups.



Banister bars

Physical: coordination is supported when going down, as well as arm and core muscles. Landing strengthens bone density, which is built for life in childhood. **Social-Emotional:** turn-taking and risk-taking.



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.

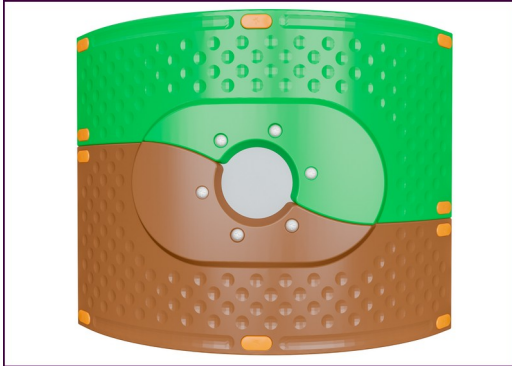


Twisted net

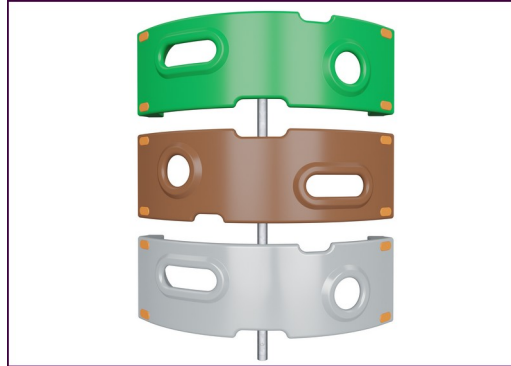
Physical: the big, twisted meshes allow for varied climbing and crawling through, supporting the development of proprioception, spatial awareness, cross coordination, and muscle strength. **Social-Emotional:** the partly horizontal meshes allow more children to sit together and talk.

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The Curved ELEMENTS panels are moulded of UV stabilised recyclable PE using 33% post-consumer recycled material. With multiple options for in-build play features that also ensures a strong panel solution. Straight panels are made of KOMPAN 19mm HDPE EcoCore™ which is a highly durable, ecofriendly and recyclable material made from +95% PCM.



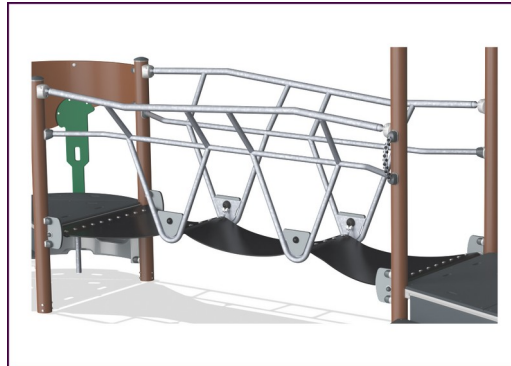
The climbing elements displayed are moulded from 33% post-consumer recycled materials in one piece, with a minimum 5mm wall thickness. The climbing elements are made of recyclable PE which has a high impact resistance across a wide temperature span which ensures vandal resistance in all locations.



The ELEMENTS roofs are made of recyclable PE made from 33% post consumer recycled materials 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 pregalvanized 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 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.



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 has six-stranded steel wires and a steel wire core. Each strand is tightly wrapped with PES yarn, which is made from +95% post consumer materials. The yarn is then melted onto each individual strand making the ropes highly wear- and vandalism-resistant.

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Installation Information

Max. fall height	336 cm
Safety surfacing area	94.3 m ²
Total installation time	48.8
Excavation volume	2.25 m ³
Concrete volume	0.72 m ³
Footing depth (standard)	85 cm
Shipment weight	1,631 kg
Anchoring options	Surface ✓ In-ground ✓

Warranty Information

Curved panels	10 years
EcoCore HDPE	Lifetime
Membrane	2 years
Post	10 years
Spare parts guaranteed	10 years

Elevated activities 6	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	6	2	2
Required	3	2	2

**CSA
Z614**
compliant

Sustainability Data

PCE110831



Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
PCE110831-0903	3,082.08	2.49	55.56

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 CO₂ calculation of: Play systems



Data version no. 2023-10-05

The CO₂ 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 CO₂ calculation of 9 categories of Kompan product line, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Julie M. V. Larsen.

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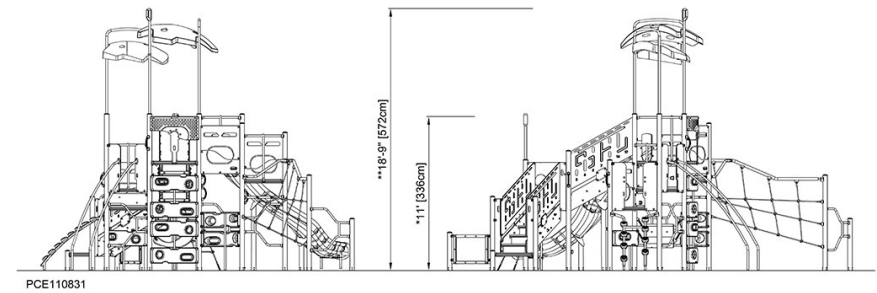
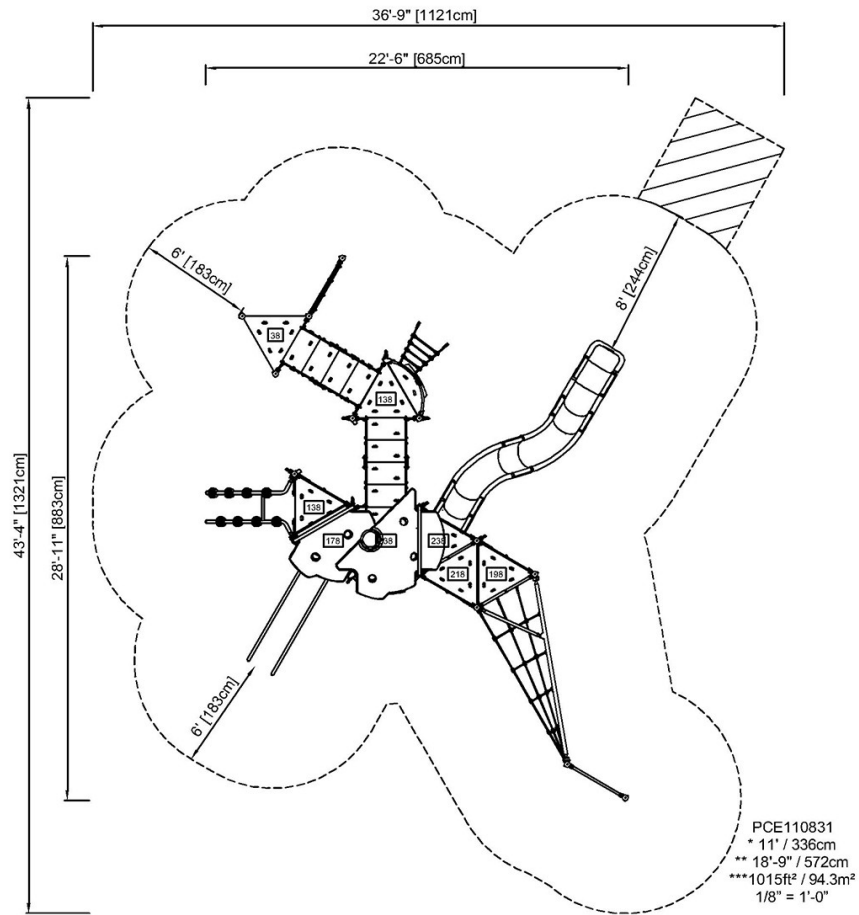


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* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



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