

Colorado with Shade

PCE111331

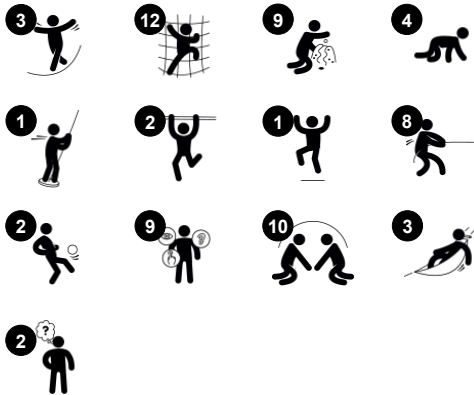


The Colorado is fantastic and attracts children from afar. The wide variety of activities encourages children to come back again and again. The Colorado offers ample climbing for high numbers of active children. The tower is all play, the exterior is as climbable as the interior, making play possible inside and out. This supports classic schoolyard games like

"the ground is made of lava". The varied climbing units such as the play shell, climbing walls, Jacob's ladder and tricking posts, train proprioception and cross-body coordination, which are fundamental for children's mathematical understanding. The banister bars add a thrilling reward of gliding down. Apart from climbing, there are ample points for a

break with friends: the swaying play shell under the platform is a gathering point for all, and the hammock is a nice place to rest and sway. The tic-tac-toe provides cognitive stimulation and is a social activity.

Item no. PCE111331-0903	
General Product Information	
Dimensions LxWxH	693x617x480 cm
Age group	5 - 12
Play capacity (users)	22
Colour options	



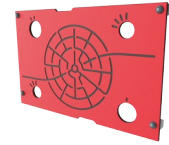
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Jacob's ladder

Physical: cross coordination and spatial awareness as well as upper body muscles when hanging with arms. This is especially important due to sedentary lifestyles of today's children. **Social-Emotional:** turn-taking and cooperation. **Cognitive:** logical thinking when going from 2nd to 3rd step, changing feet.



Labyrinth panel

Social-Emotional: communication and cooperation exploring the maze with friends. **Cognitive:** stimulates memory when memorizing maze routes.



Supportive handholds

Physical: handhold provides good grip for less confident climbers. Pulling yourself up and in trains upper body muscles. **Social-Emotional:** allows for a range of physical abilities to enter independently and securely, supporting 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: 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.



Pipe climber

Physical: muscle strength, cross coordination, and spatial awareness when climbing. **Social-Emotional:** encourage socializing when seated on the bars.



Hammock

Physical: coordination and sense of balance when swaying. **Social-Emotional:** meeting, pushing friends gently back and forth, turn-taking.

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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.



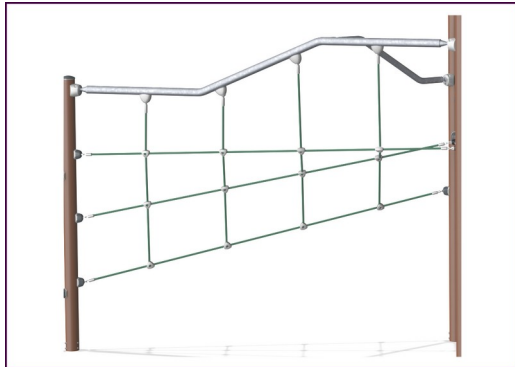
Sails of commercial 95 high density PE knitted specially for sun-shade structures. The sails are treated with UV stabilizers to ensure a long life-time. The sails are supported by a hot dip galvanised steel frame and tightened by stainless steel devices.



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	276 cm
Safety surfacing area	68.6 m²
Total installation time	31.6
Excavation volume	1.48 m³
Concrete volume	0.36 m³
Footing depth (standard)	85 cm
Shipment weight	1,093 kg
Anchoring options	Surface ✓ In-ground ✓
Warranty Information	
Curved panels	10 years
EcoCore HDPE	Lifetime
Post	10 years
PP Decks	10 years
Spare parts guaranteed	10 years

Elevated activities 8	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	8	4	3
Required	4	3	3

CSA
Z614
compliant

Sustainability Data

PCE111331



Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
PCE111331-0903	1,766.57	2.18	60.86

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.

Publication date: 30. October 2023

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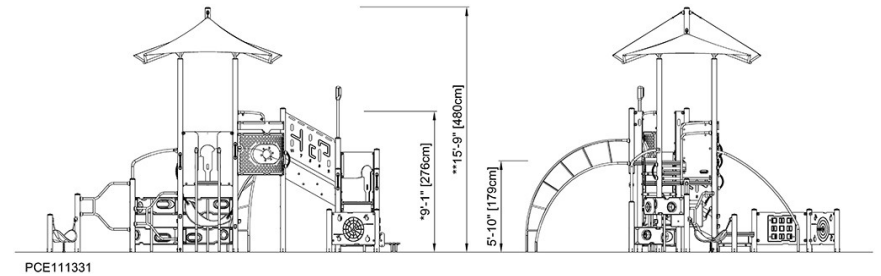
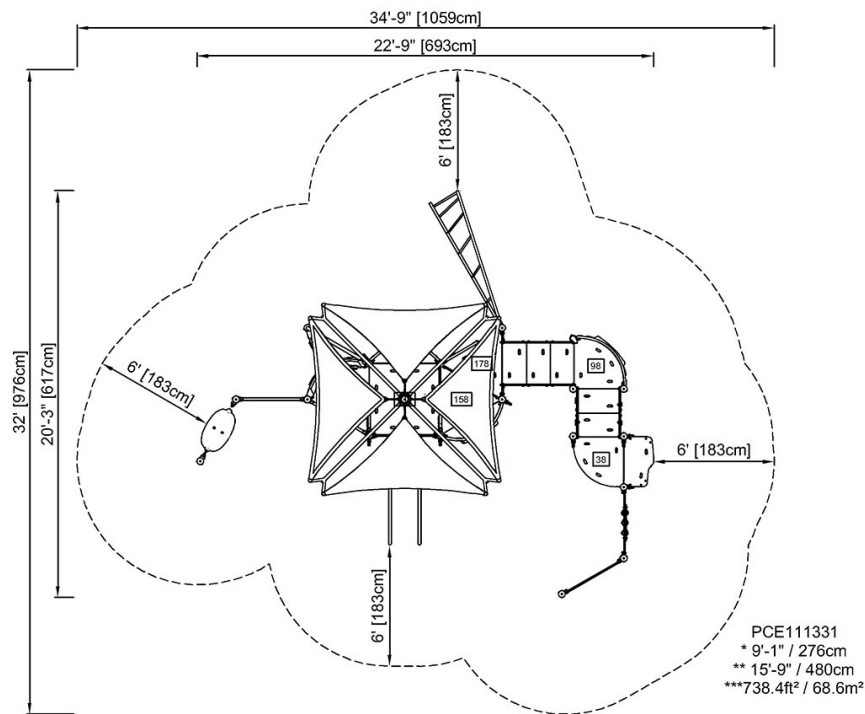


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* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



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