

# Colorado with Shade

PCE111331

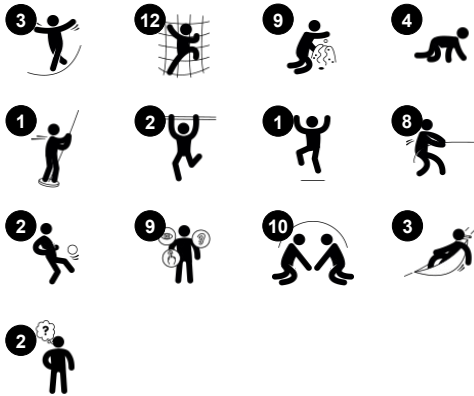


The Colorado is fantastic and attracts children from afar. The wide variety of activities encourages children to come back again and again. The Colorado offers ample climbing for high numbers of active children. The tower is all play, the exterior is as climbable as the interior, making play possible 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	22'9"x20'3"x15'9"
Age group	5 - 12
Play capacity (users)	22
Color options	



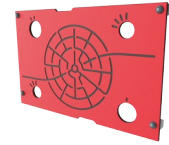
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## Jacob's ladder

**Physical:** cross coordination and spatial awareness as well as upper body muscles when hanging with arms. This is especially important due to the 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 molded of UV stabilized 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 molded 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.



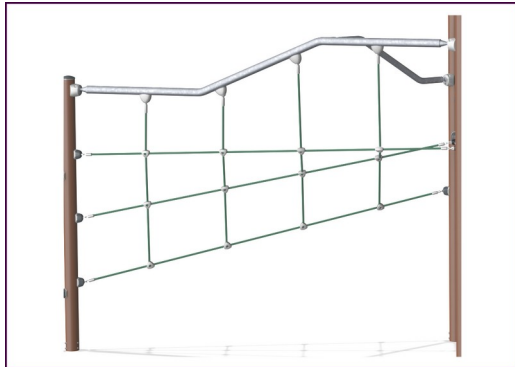
Sails of commercial 95 high density PE knitted specially for sun-shade structures. The sails are treated with UV stabilizers to ensure a long life-time. The sails are supported by a hot dip galvanized steel frame and tightened by stainless steel devices.



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 conveyer 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.

Item no. PCE111331-0903	
Installation Information	
Max. fall height	5'10"
Safety surfacing area	738ft²
Total installation time	31.6
Excavation volume	1.94yd³
Concrete volume	0.47yd³
Footing depth (standard)	2'9"
Shipment weight	2237lbs
Anchoring options	Surface ✓ In-ground ✓
Warranty Information	
Curved Panels	10 Years
EcoCore HDPE	Lifetime
Post	10 Years
PP Decks	10 Years
Spare Parts Availability	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

**ASTM  
F1487**  
compliant

# Sustainability Data

PCE111331



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	%
PCE111331-0903	2,177.20	2.69	54.20

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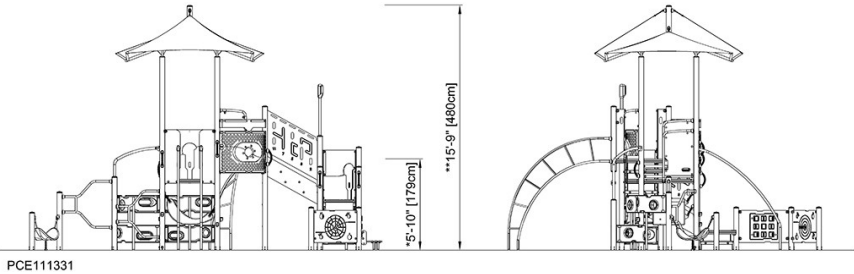
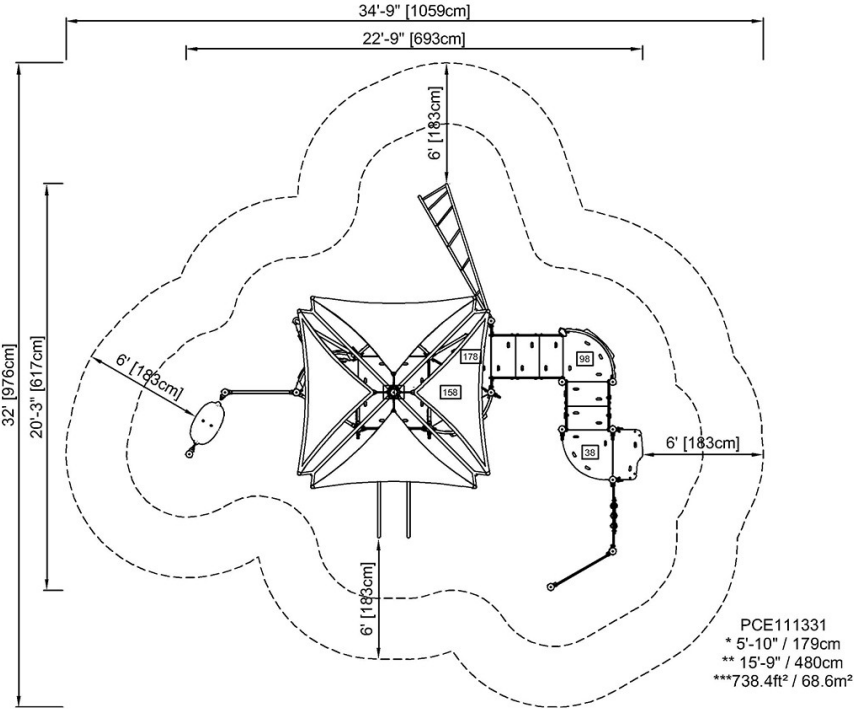
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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

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



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