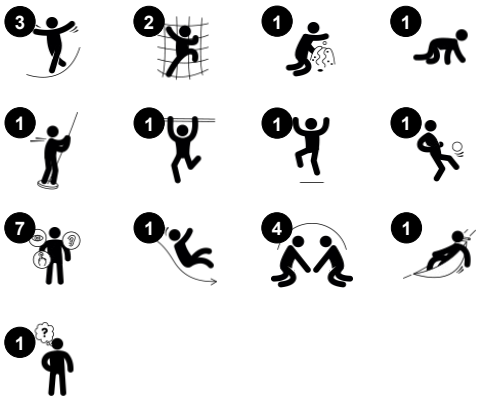
Two Tower with Plank

PCM210321

Item no. PCM210321-0901	
General Product Information	
Dimensions LxWxH	418x406x382 cm
Age group	4+
Play capacity (users)	20
Colour options	



The Double Tower with Plank bridge is wildly attractive. It is ultimate in play variation for its size. This asset will make children come back again and again. The Rope Ladder finishes in a steel ring, which makes the entrance a challenge. Once on the platform, the reward is a wild glide down the thrilling banister bars. Or, alternatively, a thrilling balancing act to the next tower and the slide. Apart from being great fun, balancing, climbing, gliding and sliding support fundamental motor skills: the sense of space, agility and the sense of balance. These are all important for e.g. managing traffic securely. The tic-tac-toe on ground level stimulates social-emotional development when children cooperate and turn-take. It also allows room for a short break from the dense, physical play in the towers.

Two Tower with Plank

PCM210321

Plank bridge
Physical: balancing across the plank develops the vestibular system as well as cross coordination.
Social-emotional: passing other children takes co-operation and teaches children turn-taking skills.

Aztec climber
Physical: cross coordination is supported when children climb the ladder. The climbing also trains leg and arm muscles.
Social-emotional: turn-taking and cooperation is used.

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.

Slide a puzzle
Social-emotional: stimulates communication and turn-taking skills.
Cognitive: support rules understanding, strategic thinking.
Creative: children can leave their mark, placing the puzzle pieces in different positions.

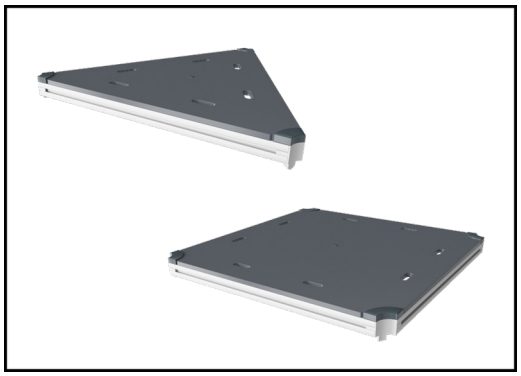
Banister bars
Physical: coordination is supported when going down, as well as arm and core muscles. Landing strengthens bone density, which is built for life in childhood.
Social-emotional: turn-taking and risk-taking

Climbing wall
Physical: climbing here develops cross coordination, which supports cross-modal perception, necessary for other skills such as reading.

Two Tower with Plank

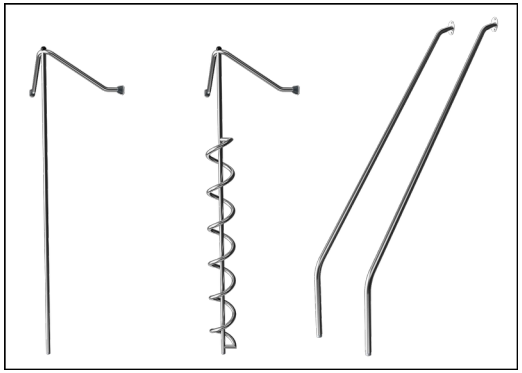
PCM210321

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.

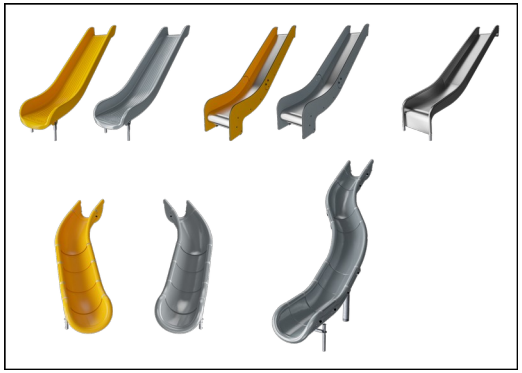


All decks are supported by unique designed low-carbon aluminum profiles with multiple attachment options. The grey colored molded decks are made of 75% post-consumer ocean waste PP material with a non-skid pattern and texture surface.

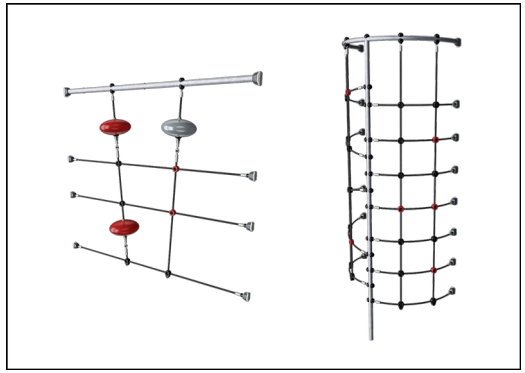
Main posts with hot dip galvanized steel footing are available in different materials: Pressure impregnated pine wood posts. Pre-galvanized inside and outside with powder coated top finish steel posts. Lead free aluminum with color anodized top finish or pressure impregnated pine wood posts.



The stainless-steel activities are made of high-quality stainless steel. The steel is cleaned by a total pickling process after manufacturing to ensure a smooth and clean gliding surfaces.



The slides can be chosen in different materials and colors: Straight or curved one-piece molded PE slides in yellow or grey color. Combined EcoCore™ sides and stainless-steel. Full stainless steel in one-piece design for more vandalism proof solutions.



Ropes are made of UV-stabilized PES rope strands with inner steel cable reinforcement. The polyester wrapping is inductively melted onto each strand to obtain excellent wear and tear resistance.

Item no. PCM210321-0901

Installation Information	
Max. fall height	239 cm
Safety surfacing area	42.8 m2
Number of installers	2
Total installation time	14.6
Excavation volume	0.68 m3
Concrete volume	0.04 m3
Footing depth (standard)	85 cm
Shipment weight	522 kg
Anchoring options	

Warranty Information	
EcoCore HDPE	Lifetime
PP Decks	10 years
Post	10 years
Ropes & nets	10 years
Spare parts guaranteed	10 years

Sustainability

Cradle to Gate A1-A3	Total CO_2 emission	CO_2e/kg	Recycled materials
	kg CO_2e	kg CO_2e/kg	%
PCM210321-0901	1,169.00	2.91	48.00

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))

Kompan A/S
C.F. Tietgens Boulevard 32C
DK-5220 Odense SØ
Denmark

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.

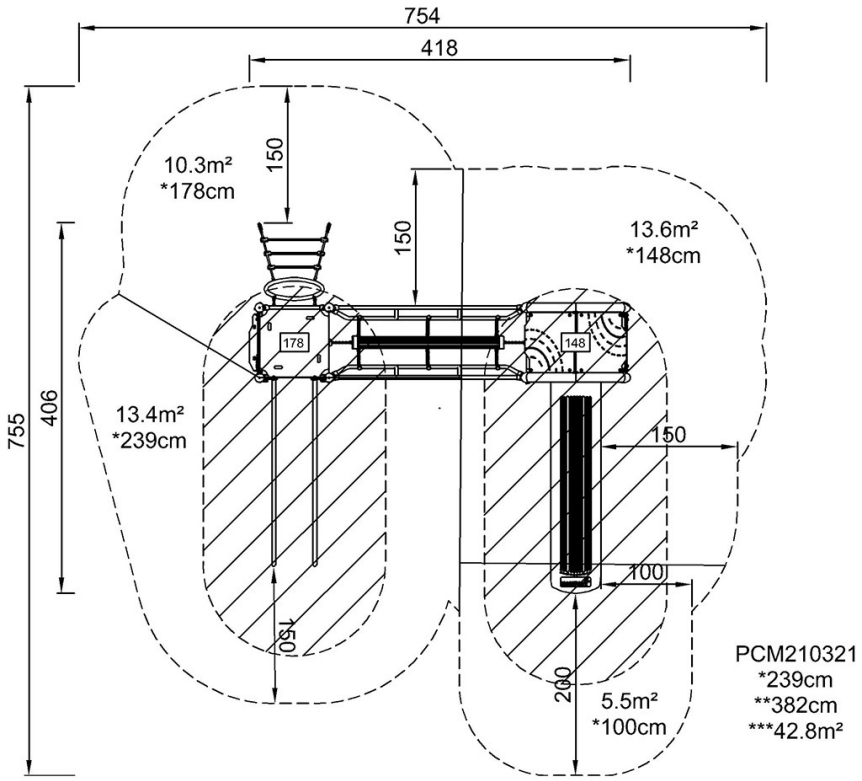
Publication date: 15. October 2021

By Bureau Veritas HSE
www.bureauveritas.dk
+45 7731 1000

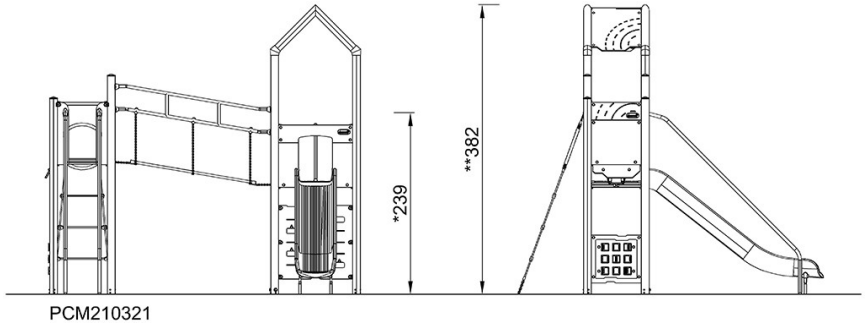
Two Tower with Plank

PCM210321

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



* Max fall height | ** Total height



Click to see TOP VIEW

Click to see SIDE VIEW