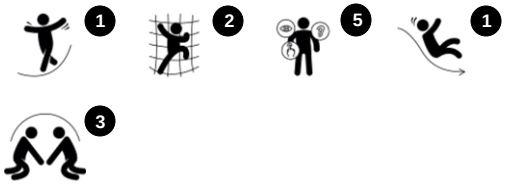
Double Tower

KPL2011

Item no. KPL201112-0601	
General Product Information	
Dimensions LxWxH	253x260x214 cm
Age group	1+
Play capacity (users)	9
Colour options	



The vibrant colours and classic activities attract toddlers immensely. They play again and again, finishing the loops of climbing or crawling up, running over and sliding down. Apart from being great fun, climbing the climbing wall is a great brain trainer for toddlers. The cooperation of the left and right brain half is trained via cross-modal functions such as alternating feet and arms in crawling and climbing. This is fundamental for later reading skills, for instance. Sliding from the Two Tower with Panel Bridge to toddlers provides a great thrill. It is a trainer of stability and spatial awareness, teaching the child about the speed of the body in space. These life skills are important in for instance judging distances, when navigating the world securely, for instance in traffic. It's play that trains the brains of toddlers.

Double Tower

KPL2011

Bridge
Physical: cross coordination, spatial awareness.
Social-emotional: transparency invite cooperation with children on the outside.

Transfer step
Physical: extra spacious step to facilitate entrance for users with mobility impairments.
Social-emotional: spacious step for meeting and resting.

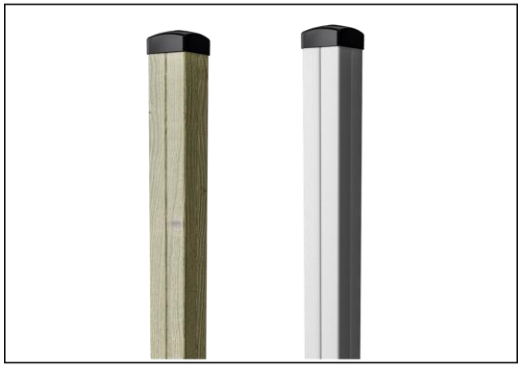
Rock climber
Physical: supports cross coordination and leg, arm and hand strength.
Social-emotional: the inclination makes climbing feel secure, especially for younger children.

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.

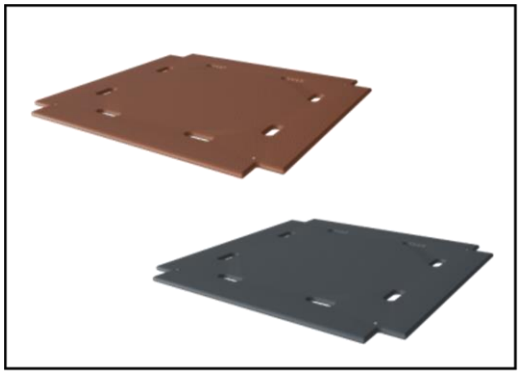
Double Tower

KPL2011

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.



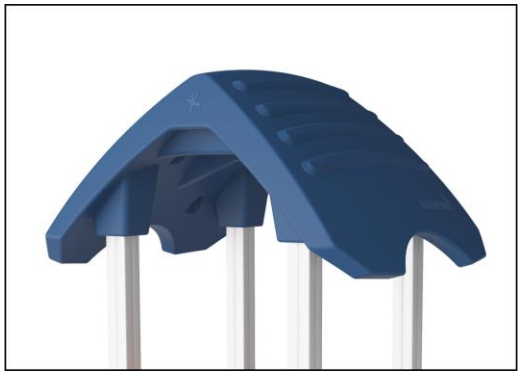
The main tower posts are available in two types of material: Pine wood posts pressure impregnated class AB with Tanalith E3475 according to EN335. Aluminum post t=2mm with anodized surface treatment. Base material EN AW-6060 T66.



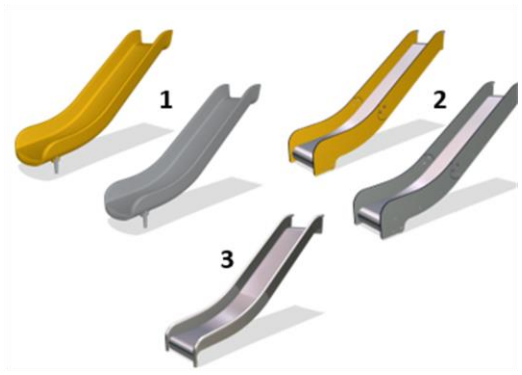
Floors and panel activities are available in two types of material: Waterproof plywood decks thickness 21.5mm from pine and alder wood with anti-slip film on both sides. High Pressure Laminate HPL thickness 17.8mm with slip resistant surface texture according to EN 438-6.

Item no. KPL201112-0601	
Installation Information	
Max. fall height	100 cm
Safety surfacing area	22,0 m2
Number of installers	2
Total installation time	12,3
Excavation volume	0,76 m3
Concrete volume	0,00 m3
Footing depth (standard)	60 cm
Shipment weight	328 kg
Anchoring options	In-ground ✔
	Surface ✔

Warranty Information	
EcoCore HDPE	Lifetime
Aluminum	15 years
Pinewood	10 years
Hollow PE parts	10 years
Spare parts guaranteed	10 years



The large hollow components are made of 100% recyclable PE. The roof displayed is moulded in one piece with minimum 5,5mm wall thickness to ensure high durability in all climates around the world.



Slides are available in three different materials: moulded on piece PE slides, Combined EcoCore™ sides and stainless steel slide bed t=2mm. Full stainless steel AISI304 t=2mm.

The main posts are equipped with hot dip galvanised steel footings. The steel footings elevates the posts 20mm from ground level to avoid contact with surfacing material.

Sustainability

Cradle to Gate A1-A3	Total CO_2 emission	CO_2e/kg	Recycled materials
	kg CO_2e	kg CO_2e/kg	%
KPL201112-0601	689,66	2,96	30,49

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.

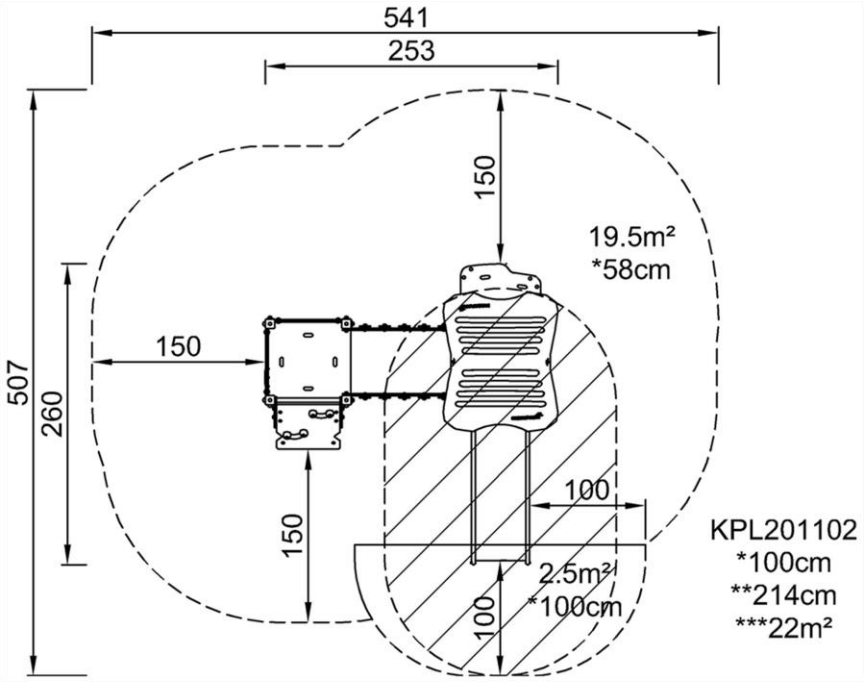
Publication date: 15. October 2021

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

Double Tower

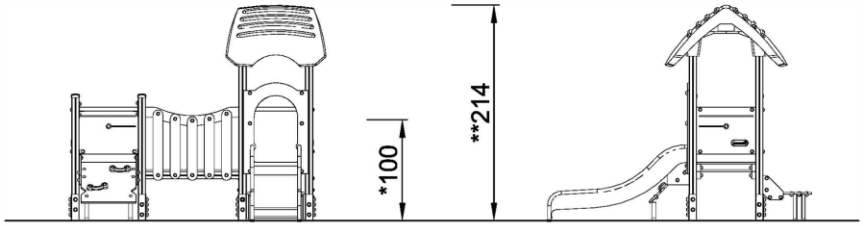
KPL2011

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



[Click to see 1:100 ratio TOP VIEW]

* Max fall height | ** Total height



KPL201112
1:100

[Click to see 1:100 ratio SIDE VIEW]