Multi Deck Playhouse with Roof

PCM002421

KOMPAN
Let's play

Item no. PCM002421-0605	
General Product Information	
Dimensions LxWxH	224x296x214 cm
Age group	1+
Play capacity (users)	13
Colour options	⬤⬤⬤⬤⬤⬤⬤⬤
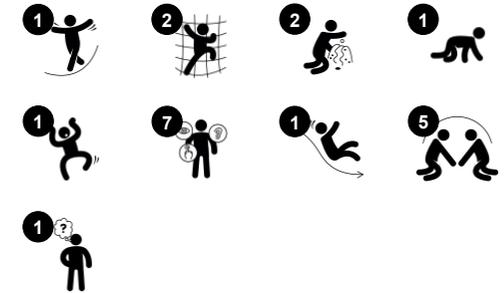
The multi deck playhouse is an ultimate play attraction for developing toddlers. The many levels and sections stimulate exploration and encourage physical play. Children love crawling through the tunnel, this activity trains cross-coordination, a fundamental skill for later reading skills. The playhouse also has a slide that stimulates the sense of balance, important for mastering any physical activity. The Peek-a-Boo panel has curtains that can be drawn from both sides, inspiring social play and peek-a-boo, developing the understanding of object permanence, that things don't cease to exist because they disappear. The desk has a conveyor belt of small wheels providing sensory input, stimulating cross modal perception, important for reading.

Data is subject to change without prior notice.

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Tunnel
Physical: the children crawl through the tunnel, developing motor skills such as cross-body coordination and proprioception. **Social-Emotional:** turn-taking when passing each other.

Slide
Physical: develops spatial awareness, sense of balance and trains core muscles 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.

Desk with conveyor belt
Physical: tactile stimulation from running hands over rolling spheres on conveyor belt. **Social-Emotional:** sharing and cooperation from both sides to create a social scenario that supports communication and cooperation. **Cognitive:** supports dramatic play scenarios, trains 'cause and effect' understanding.

Balcony
Social-Emotional: the balcony invites meetings and interaction with people on ground level. **Cognitive:** invites dramatic play and performance, which stimulates language development.

Window with curtains
Physical: tactile stimulation supports sensory skills, when children explore the characteristics of the materials. **Social-Emotional:** social interaction between inside and outside, supporting turn-taking and cooperation. **Cognitive:** understanding of object permanence playing peek-a-boo. Dramatic play support, encouraging language skills. **Creative:** leaving a mark, deciding how to place curtains.

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Panels are available in two different materials: 19 mm EcoCore™ HDPE or impregnated and brown painted pine wood. 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 material. Pinewood boards are embedded in stainless steel frames.

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. Greenline TexMade posts of 95% post-consumer recycled PE and textile 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 waste PP material with a non-skid pattern and texture surface.

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Installation Information		
Max. fall height		100 cm
Safety surfacing area		21.9 m²
Total installation time		16.3
Excavation volume		0.32 m³
Concrete volume		0.00 m³
Footing depth (standard)		60 cm
Shipment weight		440 kg
Anchoring options	In-ground	✔
	Surface	✔
Warranty Information		
EcoCore HDPE		Lifetime
Post		10 years
PP Decks		10 years
Spare Parts Guarantee		10 years

Coloured steel components have a base of hot-dip galvanisation and a powder-coated top finish. This provides ultimate corrosion resistance in all climates around the world.

The slides can be chosen in six different colors and three materials: Straight or curved one-piece molded PE slides, made from 33% recycled post-consumer materials in different colours. Combined EcoCore™ sides and stainless-steel. Full stainless steel in one piece design for more vandalism proof solutions.

KOMPAN GreenLine versions are designed with ultimate environmentally friendly materials with the lowest possible CO2e emission factor such as EcoCoreTM panels of 100% post consumer recycled ocean waste.

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Sustainability Data

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Cradle to Gate A1-A3	Total CO₂ emission	CO₂e/kg	Recycled materials
	kg CO₂e	kg CO₂e/kg	%
PCM002421-0651	551.60	1.53	72.90
PCM002421-0605	751.40	2.37	58.20

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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Validation of CO₂ calculation method
**BUREAU VERITAS
HSE Denmark A/S**

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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524
224
19.4m²
*58cm
150
28
541
296
150
58
43
150
100
2.5m²
*100cm
100
PCM002421
*100cm
**215cm
***21.9m²

**214
*100
58
PCM002421
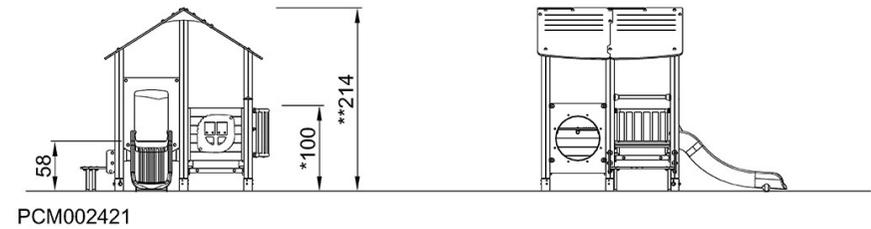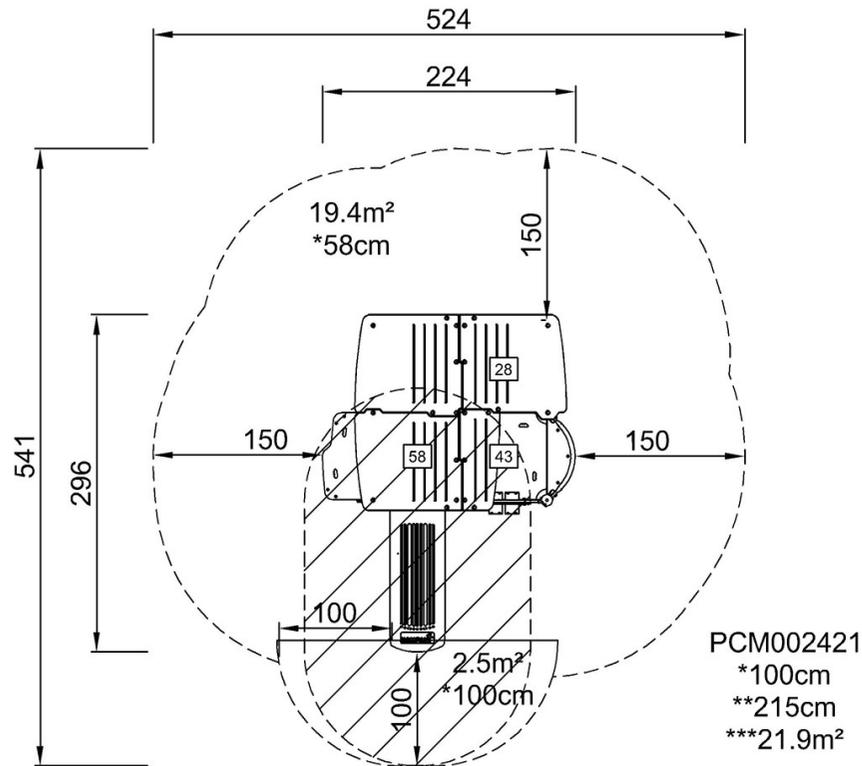
Click to see TOP VIEW

Click to see SIDE VIEW

5 / 05/02/2024

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