


Play Panel 2 - Emotion

NRO614



Item no. NRO614-1001	
General Product Information	
Dimensions LxWxH	209x102x83 cm
Age group	1+
Play capacity (users)	8
Colour options	



The Emotions Play Panels immensely attract young children with their variation of rich, responsive play textures. The sense of touch is hugely stimulated with the Conveyor belt. The tactile stimulation, apart from being deeply satisfying for children, stimulate their fine motor and language abilities. So does the thematic character of the play panel: there is a watch to

the one side of the Conveyor Belt, and a Shop window that can be open and closed with curtains. This inspires playing shop or other dramatic play scenarios, that stimulate communication, language and social-emotional development. The mirror is there to assist the shop assistant in looking okay, and looking behind his shoulders, too. KOMPAN Play

Institute analysis shows the mirror as an immensely attractive activity for young children, developing their understanding of themselves as individuals, as well as their social-emotional skills.



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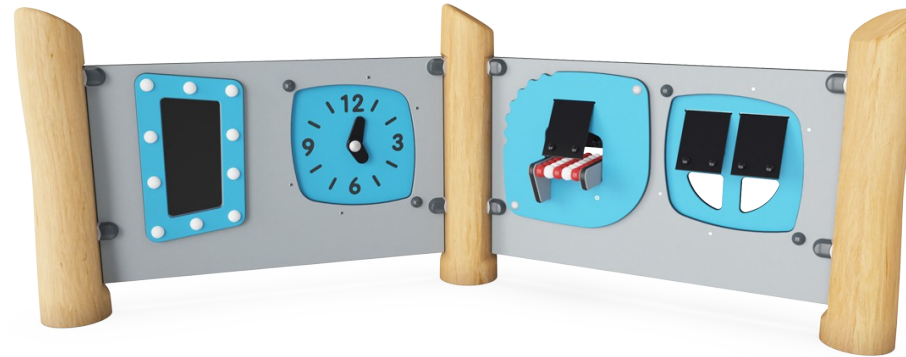


Window with curtains

Physical: tactile stimulation supports sensory skills, when children explore characteristics of the materials. **Social-Emotional:** social interaction between inside and outside, supporting turn-taking and cooperation.

Cognitive: understanding object permanence when playing, e.g. peek-a-boo. Dramatic play support, encouraging language skills.

Creative: leaving a mark, deciding how to place curtains.



Two sides

Social-Emotional: invites cooperation and communication. The low height and the transparency of the panel makes interaction possible between the two sides.



Conveyor belt

Physical: tactile stimulation from running hands over rolling spheres on conveyor belt.

Social-Emotional: spurs group play and conversations with its two-sidedness.

Cognitive: understanding of object permanence when pictures roll away and reappear.



Clock

Cognitive: learning about numeracy and time in a tangible way. **Creative:** leaving your mark on the playground when setting clock differently.



Mirror

Cognitive: understanding of individuality and self expression. Stimulates dramatic play and thus language and communication development.

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All Organic Robinia products by KOMPAN are made of Robinia wood from sustainable European sources. On request it can be supplied as FSC® Certified (FSC® C004450).



The Robinia wood can be supplied as untreated raw wood or painted with a brown coloured transparent pigment that maintains the golden wood colour of the wood.



There are Multiple footing options for all products: Surface anchoring with steel footings and expansion bolts. Wood in-ground or steel in-ground footings.

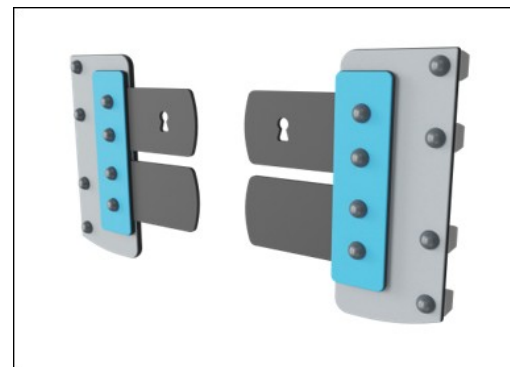
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Installation Information	
Max. fall height	0 cm
Safety surfacing area	14.3 m²
Total installation time	5.9 hours
Excavation volume	0.38 m³
Concrete volume	0.00 m³
Footing depth (standard)	100 cm
Shipment weight	168 kg
Anchoring options	In-ground ✓ Surface ✓
Warranty Information	
EcoCore HDPE	Lifetime
Hot dip galvanised steel	Lifetime
Movable parts	2 years
Robinia wood	15 years
Spare parts guaranteed	10 years



Panels of 19mm EcoCore™. EcoCore™ is a highly durable, eco friendly material, which is not only recyclable after use, but also consists of material produced from +95% recycled post consumer material from food packing waste.



The Xylophone music panel consist of HDPE material in 19mm EcoCore™ made with +95% recycled post-consumer material from e.g., food packing waste in both core and colorful outer layer. The pipes are made of die cast aluminum specifically alloyed for outdoor environments. The percussion panel consist of 2 Conga Drums with PP tubes and top in colored ABS.



Membranes consist of friction-proof rubberized material of conveyor belt quality with excellent UV resistance. Embedded is a four-layered armouring made of woven polyester. The armouring and the two surface layers result in a total thickness of 9 mm.



Sustainability Data

NRO614



Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
NRO614-1001	70.47	0.58	22.04

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: Themed 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: "Themed play systems" represented by item no.: MSC641100-3717P.

(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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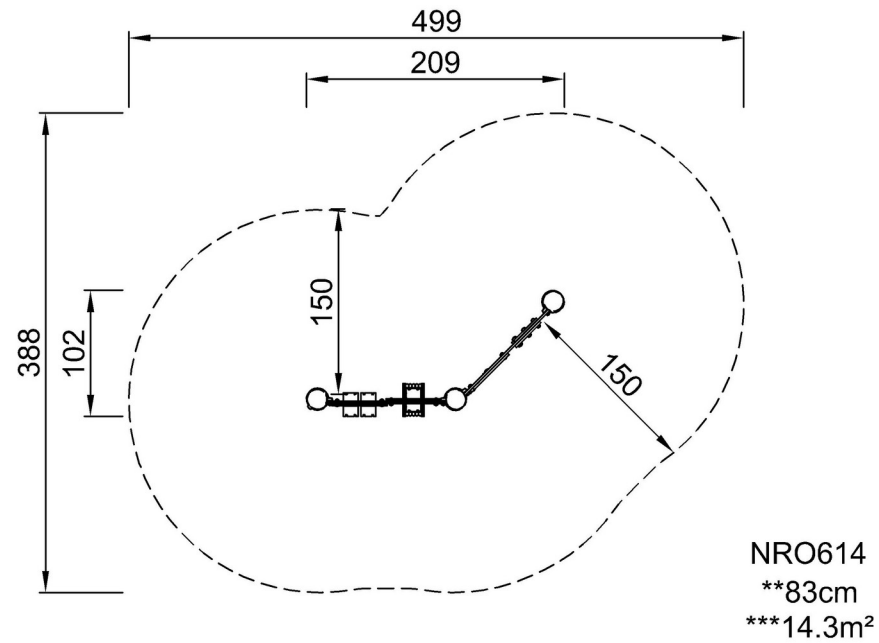


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* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



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