

# ROBINIA RB1216



5+



28 kids



60,5 m<sup>2</sup>



## Material specification

- Construction made of Robinia - very durable acacia wood with a diameter of ~ 18 cm without sharp edges, resistant to weather conditions,
- Platforms made of Robinia - very durable acacia wood, resistant to weather conditions,
- Steps made of anti-slip and waterproof HPL plate,
- Roofs made of Robinia - very durable acacia wood without sharp edges, resistant to weather conditions
- Side panels made of Robinia - very durable acacia wood without sharp edges, resistant to weather conditions
- Slides made of stainless steel,
- Windows made of HPL plate resistant to weather conditions,
- Climbing stones made of durable HPL plate, resistant to weather conditions, and stainless steel,
- Steel ropes in polypropylene braid, connected with durable aluminum, stainless steel and/or plastic elements,
- Ladders made of steel ropes in polypropylene braid and rungs made of synthetic material,
- Calibrated stainless steel chains, preventing fingers entrapment,
- Stainless steel bars,
- Stainless steel screws and/or screws covered with plastic caps,
- Stainless steel and/or galvanized steel screws,



## Physical development



balance



sliding



passage



climbing





**1**  
number of towers



**1**  
number of slides



**1**  
number of roofs



**4**  
number of activity elements

**Product technical sheet**

**ROBINIA RB1216**

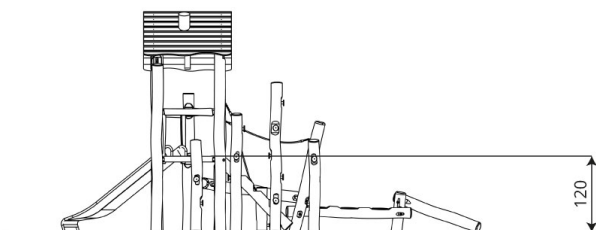
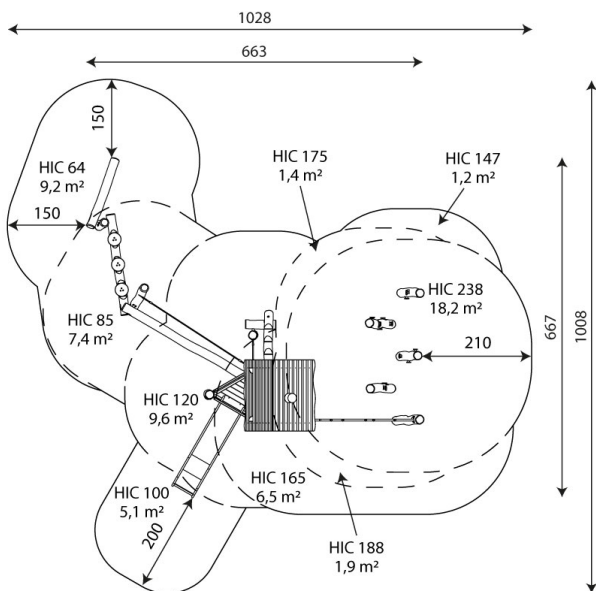
**Product data**

Length	663 cm
Width	667 cm
Total height	352 cm
Age group	5+ years
Number of users	28 kids
Safety zone	60,5 m2
Free fall height	238 cm
The height of the platforms	120 cm
In accordance with norm EN	1176-1:2017
Weight of the heaviest part	90 kg
Dimensions of the largest part	390x18x18 cm
Availability of spare parts	YES
Installation time	8,0 h

Data is subject to change without prior notice.

**Additional information**

- equipment intended for public playgrounds;
- equipment has a certificate issued by an accredited entity or a declaration of conformity;
- no sharp edges or chinks that would pose a danger of jimmieing the head, fingers or any other body parts;
- anchoring on flat surface, 100/80/70/60 cm deep;
- slide should not be installed southwards;
- render is for reference only, the actual appearance of the equipment and its color may vary;



**Guarantee**

**30** 30 year guarantee - Structural strength of steel and stainless steel components

**15** 15 year guarantee - Structural failure of steel and stainless steel, for dynamic equipment

**10** 10 year guarantee - Structural failure of high density polyethylene and high pressure laminates components

**5** 5 year guarantee - Corrosion of stainless steel and hot dip galvanized and powder coated components; against bark beetles and rot in case of wooden structural elements

Detailed information in the guarantee card

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## Surfaces according to EN 1176-1:2017

	Description (mm)	Layer thickness (cm)	Maximum fall heights (cm)
Turf/ top layer of soil (A,B,C)	-	-	≤100
bark (A,C)	Particle size from 20 to 80	30	≤200
		40	≤300
woodchips (A,C)	Particle size from 5 to 30	30	≤200
		40	≤300
sand or gravel (A,C)	Particle size from 0,25 to 8	30	≤200
		40	≤300
synthetic attested (A,B,C)	Tested according to EN 1177		238

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### Amount of safe surface corresponding with free fall height:

HIC 64	9,2 m <sup>2</sup>
HIC 85	7,4 m <sup>2</sup>
HIC 100	5,1 m <sup>2</sup>
HIC 120	9,6 m <sup>2</sup>
HIC 147	1,2 m <sup>2</sup>
HIC 165	6,5 m <sup>2</sup>
HIC 175	1,4 m <sup>2</sup>
HIC 188	1,9 m <sup>2</sup>
HIC 238	18,2 m <sup>2</sup>

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