

# ROBINIA RB1907


**6+**

**76 kids**

**264,6 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, gangways, side panels and seats made of Robinia - very durable acacia wood, resistant to weather conditions,
- Transparent polycarbonate panels resistant to weather conditions,
- Transparent polycarbonate panels with a weather-resistant print,
- Roofs made of strong Robinia acacia wood with colorful elements made of HPL plate, resistant to weather conditions,
- Side panels made of Robinia - very durable acacia wood without sharp edges, resistant to weather conditions
- Side panels made of durable HPL plate, resistant to weather conditions,
- Slides made of stainless steel,
- Fireman's pole and tubular sled made of stainless steel,
- Stainless steel tube slide,
- Climbing walls made of safe, certified rubber with holes secured with HDPE plates, resistant to weather conditions,
- Colorful elements made of durable HPL plate, resistant to weather conditions,
- Educational panels and moving elements made of HPL plate, resistant to weather conditions,
- Moving elements made of durable HPL plate, resistant to weather conditions,
- Telescope made of stainless steel and durable HDPE plate, resistant to weather conditions,
- Flags made of HPL plate, resistant to weather conditions, mounted on a stainless steel structure,
- Windows made of Plexiglas mirrors in a safe cover made of HPL plate, resistant to weather conditions,
- "Telephone" - construction - stainless steel pipe, flowers made of HPL plates; plastic underground installation,
- Moving elements of Tic Tac Toe made of durable HDPE formed by extrusion blow molding,
- Elements made of safe, certified rubber with textile reinforcement,
- Grates made of safe, certified rubber with textile reinforcement,
- Tunnel made of stainless steel mesh,
- Climbing stones made of durable HPL plate, resistant to weather conditions, and stainless steel,
- Steel ropes in polypropylene braid, connected with durable plastic elements, stainless steel or aluminum,
- Hammock made of steel ropes in polypropylene braid,
- Rubber hammock with textile reinforcement,
- Calibrated stainless steel chains, preventing fingers entrapment,
- Handles made of steel rope in polypropylene braid,
- Screws covered with plastic caps and/or stainless steel screws,


**Facilitating disability**

**easy access**

**handrails**

**seats**

**integration**

**Intellectual development**

**manipulation**

**thinking**

**Physical development**

**balance**

**hiding**

**sliding**

**observation**

**community**

**rest**

**passage**

**climbing**

**roofs**




**20**  
number of towers



**2**  
number of slides



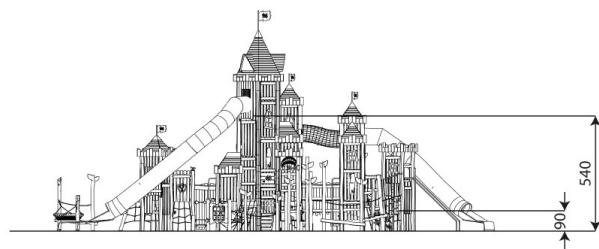
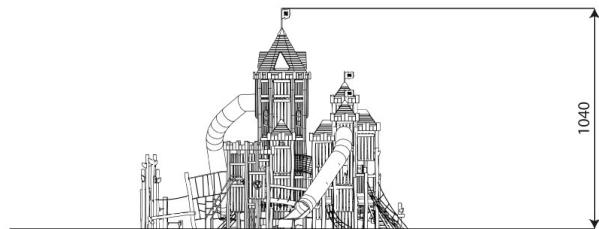
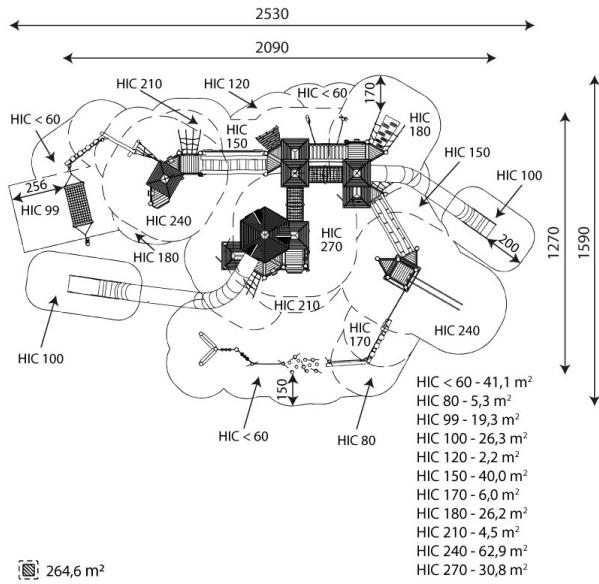
**8**  
number of roofs



**30**  
number of  
interactive elements



**45**  
number of activity  
elements



## Guarantee



30 year guarantee -  
Durability of steel and  
stainless steel  
structural elements



15 year guarantee - Durability  
of steel and stainless steel  
structures of mobile devices;  
durability of Robinia wood  
structural elements



10 year guarantee - Structural  
strength of HDPE, 100% recycled  
HDPE and HPL elements;  
structural elements made of  
100% recycled material  
(composite)



5 year guarantee - Corrosion resistance  
of stainless steel and hot-dip galvanized  
and powder-coated steel elements,  
resistance to bark beetles and rotting of  
wooden structural elements

Detailed information in the guarantee card

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## Product technical sheet ROBINIA RB1907

### Product data

Length	2090 cm
Width	1270 cm
Total height	1040 cm
Age group	6+ years
Number of users	76 kids
Safety zone	264,6 m <sup>2</sup>
Free fall height	270 cm
The height of the platforms	90, 120, 150, 180, 210, 240, 270, 300, 360, 390, 420, 450, 540 cm
tube slide platform height	390, 540 cm
In accordance with norm EN	1176-1:2017+A1:2023
Availability of spare parts	YES

Data is subject to change without prior notice.

### Additional information

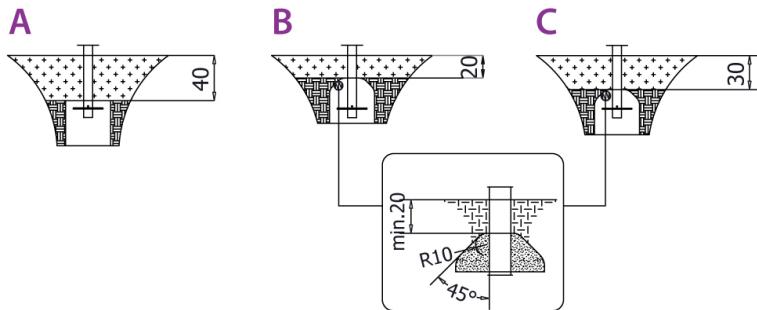
- equipment adapted for the disabled; intended for public playgrounds;
- equipment has a certificate issued by an accredited entity or a declaration of conformity;
- no sharp edges or chinks that would pose a danger of jamming the head, fingers or any other body parts;
- anchoring on flat surface, 80/70/60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



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## Surfaces according to EN 1176-1:2017+A1:2023

	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		270



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

HIC 60	41,1 m <sup>2</sup>
HIC 80	5,3 m <sup>2</sup>
HIC 99	19,3 m <sup>2</sup>
HIC 100	26,3 m <sup>2</sup>
HIC 120	2,2 m <sup>2</sup>
HIC 150	40,0 m <sup>2</sup>
HIC 170	6,0 m <sup>2</sup>
HIC 180	26,2 m <sup>2</sup>
HIC 210	4,5 m <sup>2</sup>
HIC 240	62,9 m <sup>2</sup>
HIC 270	30,8 m <sup>2</sup>

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