

# ROBINIA RB1904



6+



44 kids



86,1 m<sup>2</sup>



## Material specification

- Construction made of Robinia - very durable acacia wood with a diameter of ~ 12 - 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 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 durable HPL plate, resistant to weather conditions,
- Slides made of stainless steel,
- Tubular sled made of stainless steel,
- Colorful elements made of durable 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,
- Elements made of safe, certified rubber with textile reinforcement,
- Grates made of safe, certified rubber with textile reinforcement,
- 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,
- Certified, durable polypropylene rope 140 x 140 mm,
- 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



shelters



integration



### Intellectual development



manipulation



thinking



### Physical development



balance



hiding



sliding



observation



community



rest



passage



climbing



roofs





**3**  
number of towers



**1**  
number of slides



**2**  
number of roofs



**10**  
number of interactive elements



**6**  
number of activity elements

**Product technical sheet**

**ROBINIA RB1904**

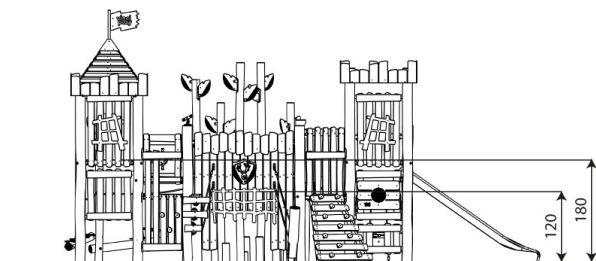
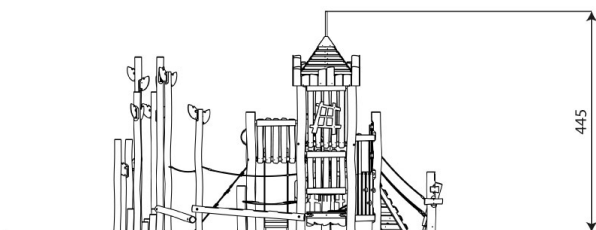
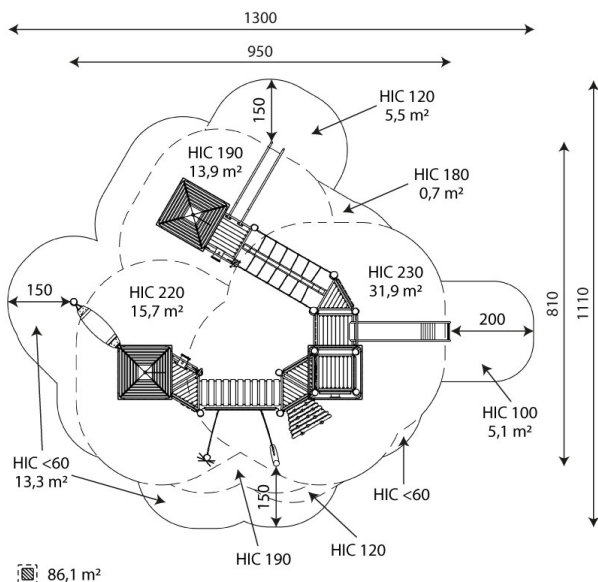
**Product data**

Length	950 cm
Width	810 cm
Total height	445 cm
Age group	6+ years
Number of users	44 kids
Safety zone	86,1 m2
Free fall height	230 cm
The height of the platforms	120, 150, 180 cm
slide platform height	150 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;



**Guarantee**

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

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

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

**5** 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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## 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		230

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

HIC <60	13,3 m <sup>2</sup>
HIC 100	5,1 m <sup>2</sup>
HIC 120	5,5 m <sup>2</sup>
HIC 180	0,7 m <sup>2</sup>
HIC 190	13,9 m <sup>2</sup>
HIC 220	15,7 m <sup>2</sup>
HIC 230	31,9 m <sup>2</sup>

Data is subject to change without prior notice.

