



## Product technical sheet

# ROBINIA RB1903



6+



38 kids



78,0 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,
- 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,
- 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





**2**

number of towers



**1**

number of slides



**1**

number of roofs



**8**

number of interactive elements



**10**

number of activity elements

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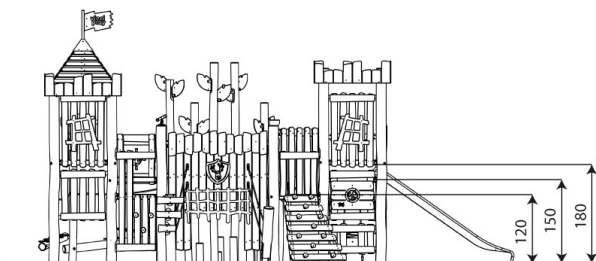
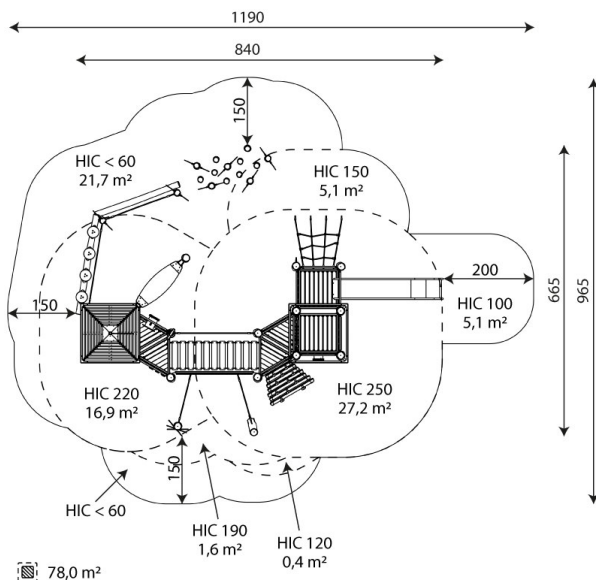
## Product data

|                             |                     |
|-----------------------------|---------------------|
| Length                      | 840 cm              |
| Width                       | 665 cm              |
| Total height                | 445 cm              |
| Age group                   | 6+ years            |
| Number of users             | 38 kids             |
| Safety zone                 | 78,0 m2             |
| Free fall height            | 250 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

**Vinci Sp. z o.o.**  
Seminaryjna 9 Street  
99-400 Łowicz

VAT: 534-265-18-84  
PHONE: +48 42 203 24 99 ext. 26  
M: +48 793 404 991



biuro@vinci-play.com  
info@vinci-play.com  
[www.vinci-play.com](http://www.vinci-play.com)

## 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  |                      | 250                       |

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

|         |                     |
|---------|---------------------|
| HIC <60 | 21,7 m <sup>2</sup> |
| HIC 100 | 5,1 m <sup>2</sup>  |
| HIC 120 | 0,4 m <sup>2</sup>  |
| HIC 150 | 5,1 m <sup>2</sup>  |
| HIC 190 | 1,6 m <sup>2</sup>  |
| HIC 220 | 16,9 m <sup>2</sup> |
| HIC 250 | 27,2 m <sup>2</sup> |

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