



## Product technical sheet

# ROBINIA RB1901



6+



13 kids



30,3 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,
- 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,
- 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,
- Calibrated stainless steel chains, preventing fingers entrapment,
- Screws covered with plastic caps and/or stainless steel screws,



### Facilitating disability



easy access



shelters



integration



### Intellectual development



manipulation



thinking



### Physical development



hiding



sliding



observation



community



passage



climbing



roofs





**1**

number of towers



**1**

number of slides



**1**

number of roofs



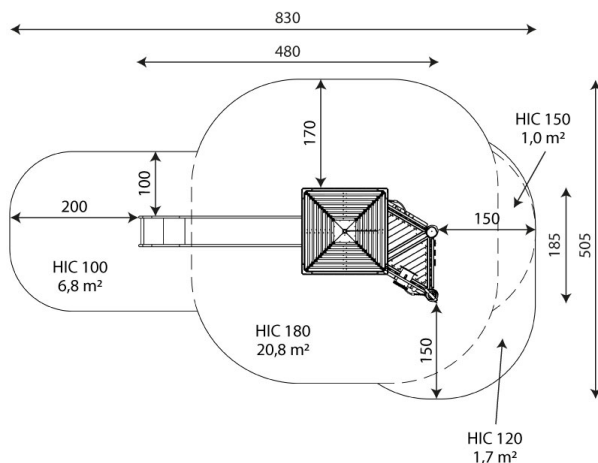
**8**

number of interactive elements

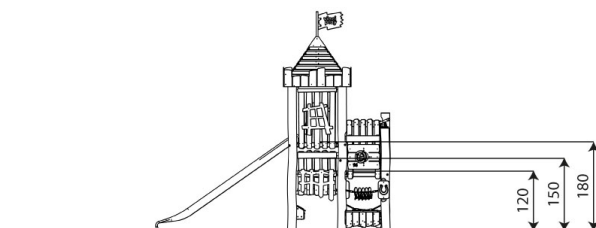
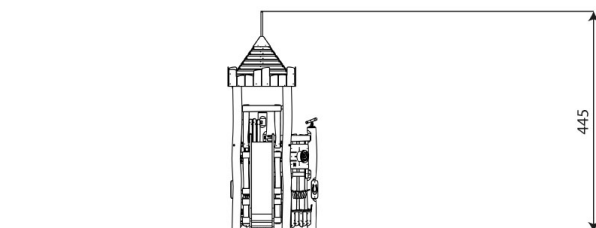


**2**

number of activity elements



30,3 m²



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## Product data

|                                |                     |
|--------------------------------|---------------------|
| Length                         | 480 cm              |
| Width                          | 185 cm              |
| Total height                   | 445 cm              |
| Age group                      | 6+ years            |
| Number of users                | 13 kids             |
| Safety zone                    | 30,3 m2             |
| Free fall height               | 180 cm              |
| The height of the platforms    | 120, 150, 180 cm    |
| slide platform height          | 180 cm              |
| In accordance with norm EN     | 1176-1:2017+A1:2023 |
| Weight of the heaviest part    | 57,0 kg             |
| Dimensions of the largest part | 380x18x18 cm        |
| 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  |                      | 180                       |

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

HIC 100 6,8 m<sup>2</sup>

HIC 120 1,7 m<sup>2</sup>

HIC 150 1,0 m<sup>2</sup>

HIC 180 20,8 m<sup>2</sup>

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