



## Product technical sheet

# ROBINIA RB1902



6+



24 kids



54,1 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,
- 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,
- 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,
- Handles made of steel rope in polypropylene braid,
- Screws covered with plastic caps and/or stainless steel screws,



Facilitating disability



shelters



Intellectual development



thinking



Physical development



balance



sliding



community



passage



hiding



observation



rest



climbing





**1**

number of towers



**1**

number of slides



**1**

number of roofs



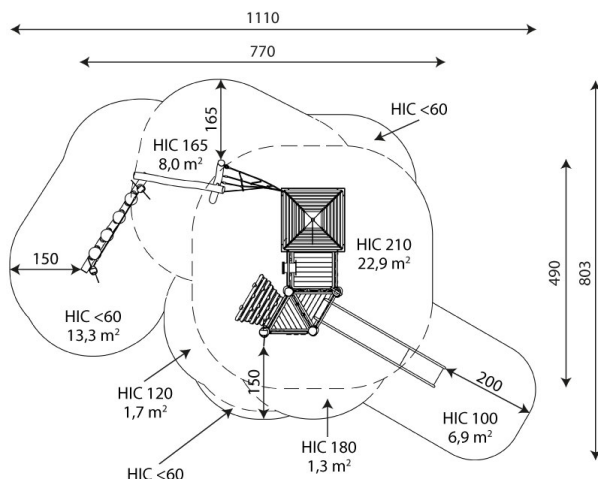
**3**

number of interactive elements

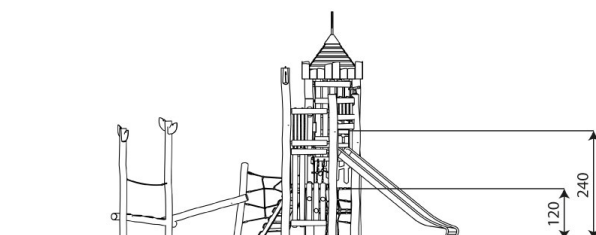
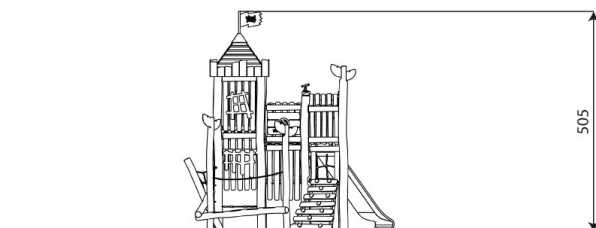


**8**

number of activity elements



54,1 m<sup>2</sup>



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## Product data

Length	770 cm
Width	490 cm
Total height	505 cm
Age group	6+ years
Number of users	24 kids
Safety zone	54,1 m <sup>2</sup>
Free fall height	210 cm
The height of the platforms	120, 180, 210, 240 cm
slide platform height	180 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		210

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

HIC <60	13,3 m <sup>2</sup>
HIC 100	6,9 m <sup>2</sup>
HIC 120	1,7 m <sup>2</sup>
HIC 165	8,0 m <sup>2</sup>
HIC 180	1,3 m <sup>2</sup>
HIC 210	22,9 m <sup>2</sup>

Data is subject to change without prior notice.

