Product technical sheet

ROBINIA RB1901

3+ | 13 kids | 30,3 m²





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,
- Educational panels made of durable Robinia wood and weather-resistant HPL and HDPE, with smooth, rounded edges,
- Educational and moving panels made of HDPE and HPL panels, 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

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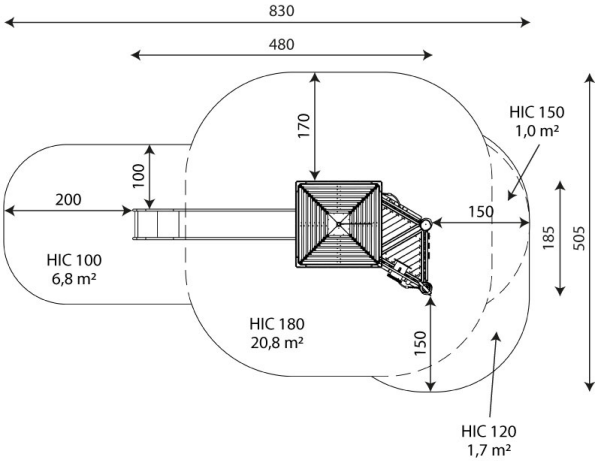
1 number of towers

1 number of slides

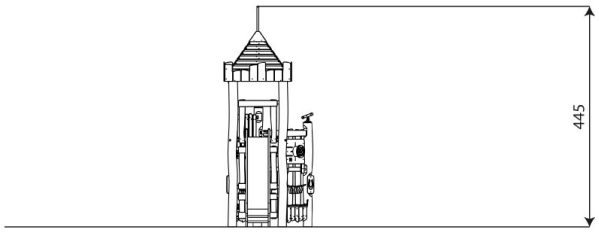
1 number of roofs

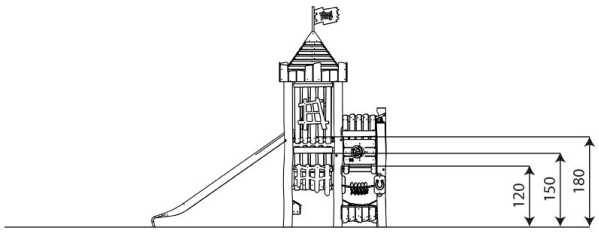
8 number of interactive elements

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	3+ 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

- Due to the naturally irregular shape of Robinia posts, the dimensions of the devices given in the documentation may differ slightly from the actual dimensions, which does not affect the strength of the structure and safety of use.
- 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 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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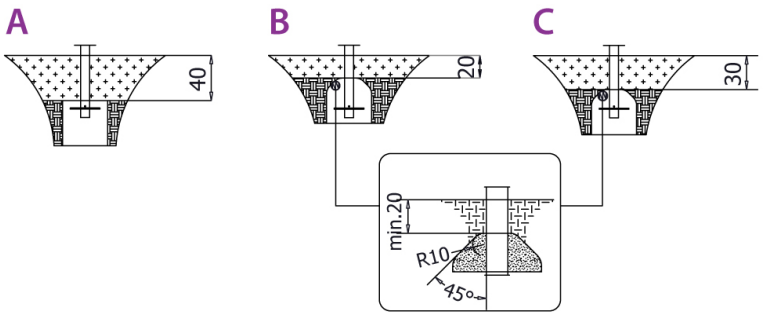
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Surfaces according to EN 1176-1:2017+A1:2023

	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



Amount of safe surface corresponding with free fall height:

HIC 100	6,8 m^2
HIC 120	1,7 m^2
HIC 150	1,0 m^2
HIC 180	20,8 m^2

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