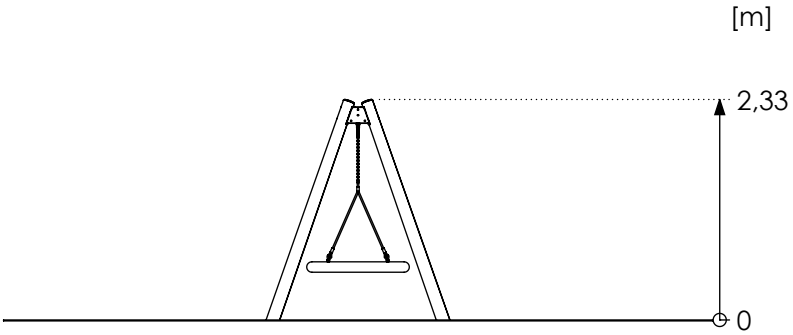
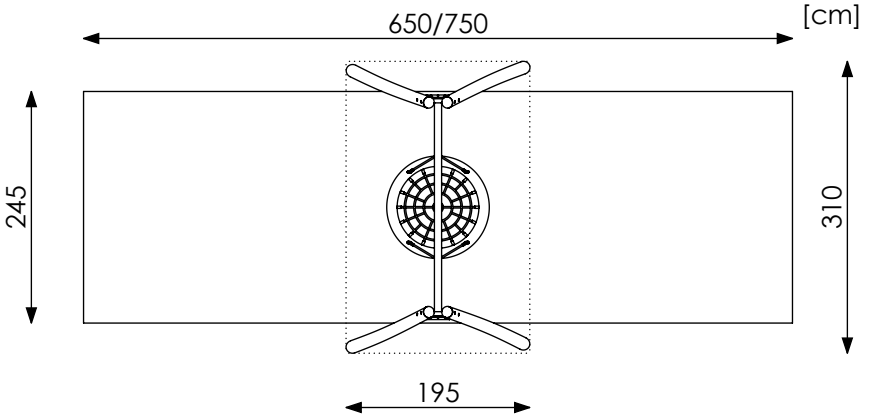
Robinia

Product Datasheet

Swing PZR 509





Age: 3+
Amount of users: 6

Safety zone:
- for loose surface: 245 x 750 cm (18,4 m^2)
- for rubber safety flooring: 245 x 650 cm (16 m^2)

Free fall height: 125 cm

Weight of the playset: 145 kg
Dimension of the biggest part: 320 cm

Product compliant with PN-EN 1176-1, PN-EN 1176-2+AC: YES
Spare parts availability: YES

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Mounting:

The set is mounted in the ground.
Foundations made of C20/25 concrete.

Material specification:

- Construction poles made from robinia wood.
- Steel pipe beam ∅76,1x3,2 mm, hot dip galvanized.
- Slings with bearings, maintenance-free, hot dip galvanized or stainless steel with swivels.
- Screws, bolts etc. covered by colorful plugs from plastic.
- Stainless steel chains.
- Seat with reinforced ropes in a polypropylene braid ∅16 mm.

Renders are for reference only, actual appearance may differ from the one shown on the render.

Acceptable shock absorbing surfaces and their minimum thickness

Material [a]	Description [mm]	Minimum depth [b] [cm]	Maximum free heights of fall [cm]
Turf/topsoil		-	≤ 100 [d]
Bark	20 to 80 particle size	20	≤ 200
		30	≤ 300
Woodchip	5 to 30 particle size	20	≤ 200
		30	≤ 300
Sand or gravel [c]	0,25 to 8 grain size	20	≤ 200
		30	≤ 300
Other materials	As tested according to EN 1177		Critical fall height as tested

[a] For further information on specific material properly prepared for use in children's playgrounds
[b] For loose particulate material, add 100 mm to the minimum depht to compensate for displacement(see 4.2.8.5.1).
[c] Sand and gravel shall be well rounded and washed to eliminate most of the silt of clay particles. Washed sand and grave lis considered to be from alluvial (natural eroded) deposits and free from most sil tor clay particles. For gravel this may commonly be described as ' pea shingle'. Uniformity coefficient D60/D10<3,0.Grain size can be indentified by use of a sieve test, as in EN 933-1(see Annex G)
[d] See NOTE 2 in 4.2.8.5.2

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