Robinia Climbing Ramp with Rope

Timber ramp with climbing blocks and a hand rope, for slopes and mounds



Functions

- Climbing
- Grip strength
- Leg strength
- Balance
- Coordination
- Confidence

Technical Data

DIMENSIONS (L x W)

3.00 x 0.80–1.00 m

HEIGHT

Up to 1.50 m

SAFETY ZONE

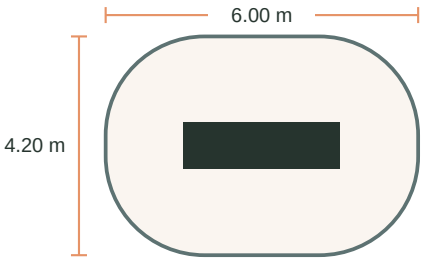
6.00 x 4.20 m

FREE-FALL HEIGHT

0.4 m

Capacity: 3 users Recommended age: 1+ Total weight: approx. 160 kg

Safety Zone Plan



Safety zone — 6.00 x 4.20 m, 21 m²

Equipment — 3.00 x 0.90 m

Plan view, not to scale. Zone outline is irregular.

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Materials & Construction

Ramp: Timber ramp deck, 3.0 m long and 0.8–1.0 m wide, with timber climbing blocks and log end grips
Rope: Central hand rope, 2.65 m including chain ends
Posts: Four Robinia hardwood posts, Ø14–16 cm, cut on one side and trimmed to suit the slope
Fixings: M16 threaded rods and bolts with washers and plastic cover caps
Installation: Set on a slope, mound or embankment at up to 40 degrees; posts set in concrete foundations
Handling: Largest single part 3.0 x 1.0 m, about 90 kg

With a free-fall height of just 0.4 m, BS EN 1176-1 allows this ramp to sit on grass or turf, or on any EN 1177 impact-absorbing surface. We'll recommend the right finish for your site.

Images are computer visualisations; the installed product will look similar. Colours may vary from those shown.

How to Use

Climbing the ramp

Children walk or scramble up the slope, using the timber blocks as footholds and the central rope to pull themselves up.

Benefits:

Leg and grip strength, balance and coordination.

Part of a trail or mound

Set into a mound or embankment, the ramp gives a climbing route to the top; pair it with a slide, steps or other trail pieces.

Benefits:

Makes use of level changes and links trail elements into a circuit.

Inspection & Maintenance

Routine visual check weekly (daily on busy or vandal-prone sites), an operational check every 1–3 months and a main inspection once a year. Check the rope, chain ends, climbing blocks and bolt caps, and keep the ground or surfacing around the ramp level. Morti Sport & Play offers annual inspection and maintenance for school and public sites.

Why Choose This Product

A natural timber climbing ramp that turns a slope, mound or embankment into a climbing route. Timber climbing blocks give footholds and a central rope gives a handhold, so even the youngest children can climb with confidence.

- Makes use of existing slopes and mounds in landscaped play areas
- Low free-fall height of 0.4 m, so it can go on grass
- Suitable from age 1+ for nurseries, schools and parks
- Designed, supplied and installed by Morti Sport & Play's own teams

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