Robinia Hill Slide with Roofed Deck

Embankment play set with slide, stepping platforms and rope handrails



Functions

- Sliding
- Climbing and stepping
- Balance
- Grip with rope handrails
- Den and role play
- Turn-taking and social play

Technical Data

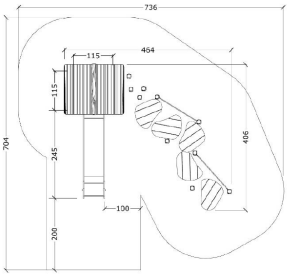
DIMENSIONS (L x W)	HEIGHT
4.06 x 4.64 m	**2.60 m**

SAFETY ZONE (7.36 x 7.04 m envelope)	FREE-FALL HEIGHT
39.4 m²	**Approx. 0.4 m**

Recommended age: 1+ Designed for a bank or mound — slide drop 1.5 m

No impact-absorbing surfacing required

Safety Zone Plan



Safety zone — 39.4 m²

Overall envelope 7.36 x 7.04 m

Equipment 4.06 x 4.64 m

Plan view, dimensions in cm.

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Materials & Construction

Deck and roof: Square timber deck, 1.15 x 1.15 m, under a pitched Douglas fir roof on four 9 x 9 cm Douglas fir posts with notch, fitted on post feet
Slide: Slide for a 1.5 m drop, running down the bank from the deck
Stepping platforms: Five shaped timber stepping platforms on posts, rising up the slope to the deck
Posts: Robinia posts Ø12–14 cm: six at 1.0 m and four at 1.5 m long
Handrails: Two rope handrails with chain ends, 1.2 m
Fixings: Torx screws 5 x 40 and 5 x 80 mm; all timber pre-drilled
Foundations: Set in concrete, approx. 25 kg per hole; foundation depth is adjusted to the slope of the bank
Installation: Delivered partly assembled; 250 kg in total, largest part 2.30 m / 35 kg; two installers, approx. 3 hours

Free-fall height is approx. 0.4 m (deck floor max. 0.45 m above the ground) and no impact-absorbing surfacing is required, so the set can sit on a grassed bank. We'll recommend the right finish for your site.

Images are computer visualisations; the installed product will look similar. The set is designed to be built into a slope; the visualisation shows it on level ground.

How to Use

Stepping platforms

Climb the shaped platforms up the bank, holding the rope handrails, to reach the roofed deck.

Benefits:

Builds leg strength, balance and confidence on uneven heights.

Roofed deck

Gather under the roof to rest, take turns and play shops, dens or lookouts before the next slide.

Benefits:

Encourages imaginative and social play, with shade and shelter.

Slide

Sit at the top, feet first, and slide down the bank. Move clear of the run-out at the bottom.

Benefits:

Develops body awareness, coordination and turn-taking.

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 rope handrails, chain ends, post feet and the slide fixings, and keep the run-out at the foot of the slide clear. Replace worn or damaged parts promptly with genuine spares. Morti Sport & Play offers annual inspection and maintenance for school and public sites.

Why Choose This Product

A natural play set built into a bank or mound. Children climb a trail of timber stepping platforms with rope handrails to a small roofed deck, then slide back down the slope. The low deck height means no impact-absorbing surfacing is needed, so the bank can stay grassed.

- Uses an existing bank or mound — the slope does the work, not a tall tower
- Low free-fall height and no surfacing required; suitable from age 1+
- Robinia and Douglas fir timber for a natural, landscape-led look
- Designed, supplied and installed by Morti Sport & Play's own teams

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