



Elephant® hardwood decking boards are screwed directly onto the joists.

Recommended substructure: Use hardwood joists measuring 4.5 × 6.8 cm or 4.5 × 9 cm. Always install them on edge with the 4.5 cm side facing up.

Installation on garden soil: Use stakes (4 × 4 cm) with carriage bolts or paving slabs of at least 30 × 30 cm as a foundation. Level the ground, remove vegetation and use weed control fabric.

Drainage: Install the deck with a slight slope (approx. 2 mm per meter) to allow water runoff.

Cutting: Use a fine-tooth saw blade.

Distance to walls/obstacles: Leave at least 2 cm at board ends. Max. overhang 2.5 cm. Always use two joists at the start and end of the deck.

Board movement: Stagger board joints and leave approx. 10 mm between end joints. Use an extra joist to support both board ends.

Ventilation: Ensure good airflow under the deck and avoid standing water.

Tip: Leave boards 2-3 cm longer and trim after installation for a clean finish.

Substructure

1. With paving slabs: Place slabs at 40 cm centers. Position joists in the middle, max. 35 cm spacing. Add a second joist layer fixed to the first, which acts only as support.

2. With stakes: Mark the layout. Place a 4 × 4 cm stake every 50 cm, buried at least 1/3 of its length, min. 50 cm. Attach joists with M8 carriage bolts (pre-drill 9 mm). Max. spacing between joists 40 cm.

Decking installation

3. Use stainless steel decking screws 5 × 70 mm with countersunk heads and pre-drill.

Screw position: approx. 35 mm from the sides and min. 50 mm from board ends. Side-to-side spacing: 3-5 mm.

Important: Elephant® decking boards are suitable for normal outdoor use when installed as described. Not suitable for load-bearing structures. Store flat. Do not install below +7 °C.

