Simplified installation guide (on a hard or stabilised base)

BEFORE INSTALLATION

Compliance with installation standards (DTU 51.4 or local standards), the recommendations below and regular maintenance is essential for the warranty to remain valid. Technical and maintenance sheets: ootouch.eu.

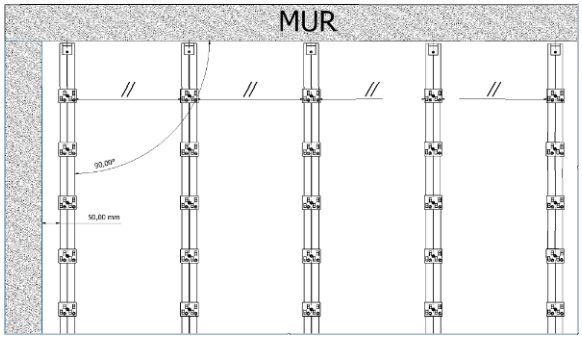
Initial treatment. Oil all newly cut ends. The boards are factory pre-treated; we recommend the first maintenance treatment 3 to 6 months after installation, or sooner in very hot or dry conditions. Follow the oil supplier WOCA's recommendations (see maintenance sheet).

1. SUBSTRUCTURE

A sound substructure is essential. Install in accordance with applicable standards; the ground must support the load. Provide a 1–2% slope to drain water and prevent abnormal moisture beneath the deck.
Allow natural side ventilation (at least 1% of the deck area). Gaps between boards do not ventilate the substructure!
OOTOUCH recommends solid joists; composite joists are an alternative. Prevent contact between joists and water by installing a breathable waterproof membrane (geotextile) or waterproof strips directly beneath the joists.
Install joists perpendicular to the direction of the decking boards.

Joist spacing, solid 40 × 40 mm joists, 185 cm boards:
• Clear gap between joists: 42.2 cm (residential) or 33 cm (commercial).
• Centre-to-centre: 46.2 cm (residential) or 37 cm (commercial).

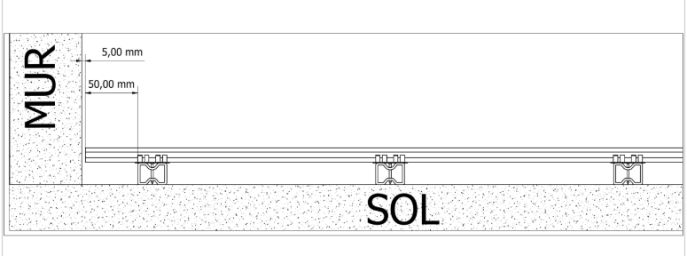
Joist spacing, solid 40 × 40 mm joists, 220 cm boards:
• Clear gap: 40 cm (residential) or 32.6 cm (commercial).
• Centre-to-centre: 44 cm (residential) or 36.6 cm (commercial). Use centre-to-centre measurements for other joist sizes.



Joist layout diagram

2. SUPPORT AT THE DECK EDGE

Deck boards must never be left cantilevered without joist support. A maximum overhang of 50 mm is permitted at the deck edge.



Support at the deck edge

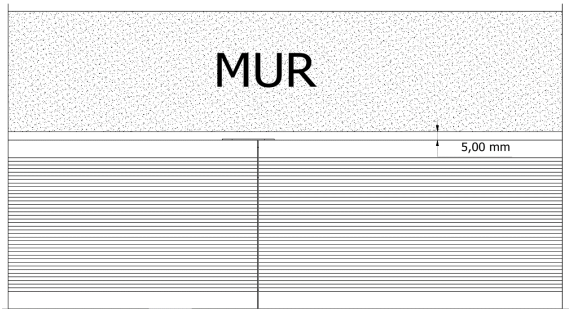
3. INSTALLATION ON PEDESTALS

Installation on adjustable pedestals follows the same principles, with joists resting on the pedestals. Consult the joist and pedestal supplier for spacing and number per m². For solid bamboo joists (40 × 40 mm), pedestal centres may be up to 60 cm apart, depending on load and use. For composite joists (30 × 40 mm), limit spacing to 40 cm for residential and 35 cm for commercial use.

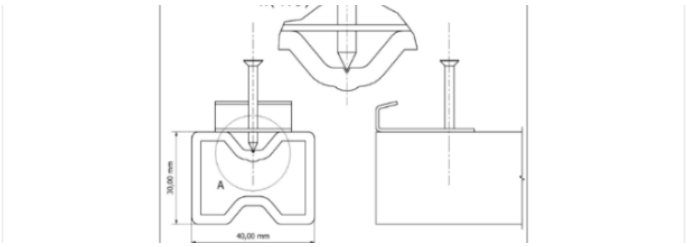
4. INSTALLING THE BOARDS

4.1 – First board

Mix boards from different packs. Slight colour variations will fade over time; mixed laying is recommended.
Boards have two surface profiles (except 18 mm boards). Choose one profile unless a mixed design is intentional.
Use OOTOUCH clips and screws suitable for the product. Only our clips ensure the intended installation. Loosely screw the starter clips to the joists. Pre-drill with a 3 or 3.5 mm bit; use low torque and low speed.
Leave at least 5 mm between the wall and the first board.



Position and fix clips accurately so the first board runs parallel to the wall. If the wall is uneven, adjust the clearance; a finishing board may be cut to follow a curve.

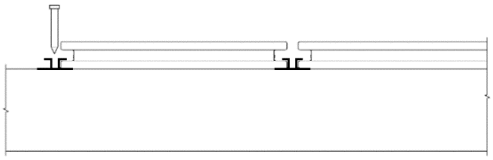


Starter clip fixing diagram / starter clips



DCLIPM fixing clip (for 18 and 20 mm boards)

Board ends must rest fully on joists. Double the joist if necessary. Fit the first board on the starter clips and check alignment and wall clearance once more. Remove the board, tighten the clips and refit it.



Correct support at board ends

4.2 – Gaps between boards

The boards have tongue-and-groove ends, so no additional gap is required along their length. The clips determine a consistent gap between adjacent boards. Use one clip on each joist.

4.3 – Subsequent boards

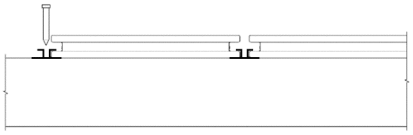


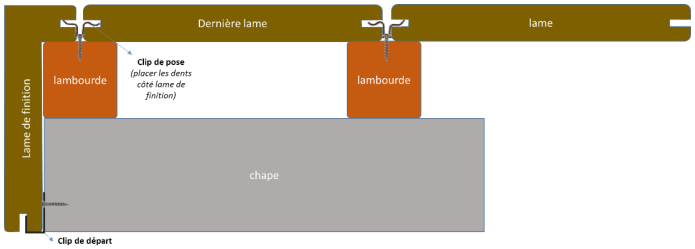
Diagram of clips and installed boards

Before installing the second board, insert the toothed side of each clip fully into the groove. Tighten at moderate torque. Always pre-drill joists with a 3 or 3.5 mm bit and use the supplied screws. Insert the second board at a 45° angle and lower it flat until it locks in place. Check alignment, attach the next clips and repeat.

Joining joists. If the deck exceeds the length of a joist, position another joist in line with the first. Our joists have interlocking profiled ends and can be glued together. Use a joining piece if required.

4.4 – EDGE FINISHING

Several options are available for a neat deck edge. The diagram shows how to install our finishing board. It is fixed like a standard board and can be secured at the bottom to the substructure using a starter clip.



One possible deck-edge finishing detail

5. MATERIALS AND TOOLS

- Plastic spacers
- Waterproof membrane
- Solid joists
- DeckooTouch decking boards
- Finishing boards
- Screwdriver / drill
- 3 or 3.5 mm wood drill bit
- Mallet and tapping block
- Spirit level
- Flooring strap

6. GLOSSARY

Clips: metal fittings securing decking boards to joists.
Joist: supporting substructure member to which the boards are fixed.
Joist installation: placing the joists on the base.
Decking board: solid bamboo board (DeckooTouch) forming the deck.