

Decking Boards — Care & Maintenance Guide

Installation, movement & cleaning — for installers and end users

100% recycled polyolefin

Solid profile

Anti-slip

Rot-, insect- & UV-resistant

ABOUT THE MATERIAL

ECOPLANK decking boards are made from **100% recycled polyolefins** (polyethylene and polypropylene) with performance additives. They are **solid, non-hollow** profiles with a ribbed, anti-slip, timber-look surface. The material **does not rot, splinter or feed fungi and insects**, has no water absorption, and needs **no oiling, painting or sealing**.

Density approx. **0.94 g/cm³**; continuous service temperature **-30 °C to +50 °C**. Because the boards are a recycled-plastic material — not WPC and not timber — the single most important thing to get right on site is **allowing for thermal movement**.



ECOPLANK balcony & terrace, golden-brown

1. Thermal movement — plan for it

Recycled-plastic boards **expand in heat and contract in cold**. This is normal material behaviour, not a defect — and every fixing detail must let the boards move freely.

$\leq 15 \times 10^{-5}$

K⁻¹

Linear expansion
coefficient (-20 to +70 °C)

~5 mm/m

Movement per linear
metre over a ± 30 °C swing

+15...25 °C

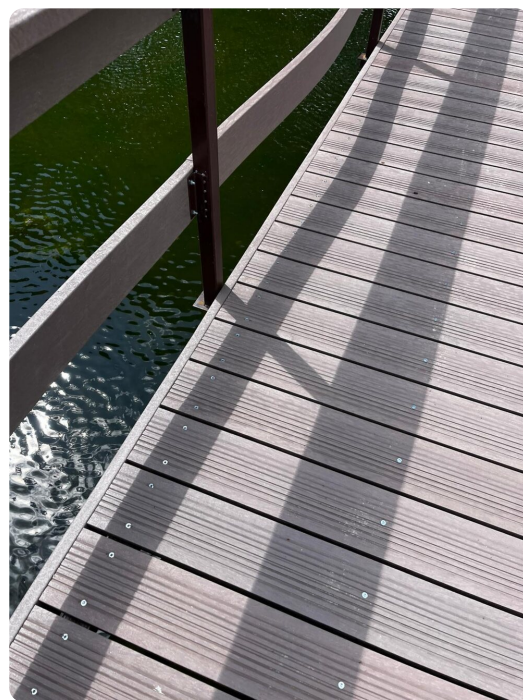
Ideal installation
temperature

LEAVE THE RIGHT GAPS

- **Longitudinal (end-to-end) gap between boards: 10 mm.**
- **Side-to-side (edge) gap between boards: 5 mm.**
- Leave **10 mm** between boards / joists and any wall or fixed element.
- Never press-fit boards. Colder install → use larger gaps (adjust to the installation temperature).
- Lay boards **perpendicular to the direction of foot traffic**. Support every board at **≥3 points**; joist spacing ≤50 cm (70×70) or ≤85 cm (90×90, foot traffic).

FIX SO THE BOARD CAN STILL SLIDE

- Use **A2 stainless, countersunk TORX** deck screws — always **pre-drill and countersink**; never force a screw in.
- Boards over 1.5 m: fix the **two centre points with a Ø5 mm** pilot (the anchor), and drill the **outer/end points Ø8 mm (oversized)** so the board can expand and contract.
- Min. **2 screws per board, per joist**. Max torque: Ø8 = 15 Nm, Ø10 = 30 Nm.



Even board gaps & paired countersunk screws — a jetty in service

2. Cleaning & care

ECOPLANK is **very low-maintenance** — but not "no-maintenance." A little regular care keeps it looking its best and keeps the warranty valid. Clean with **nothing more than water** and, if needed, a mild detergent.

ROUTINE CARE

- Sweep off sand, leaves, mud and pollen with a **stiff brush or broom and water**.
- For general washing, add a **mild detergent** (e.g. washing-up liquid) to water. **Never use solvents**.
- For heavier soiling, use a stiff brush or a **pressure washer**.
- Keep the **gaps between boards clear**; sweep periodically under planters and boxes to avoid trapped moisture and soil.
- In winter, clear snow promptly and **don't let a layer of ice build up**.

STAINS & MARKS

- Remove **grease, oil, wine, cigarette** and other stubborn stains **as soon as possible, before they dry**, with ordinary detergent.
- For stubborn marks or light scratches, work gently with **steel wool or fine-grit sandpaper, always along the direction of the ribs**; then sweep and rinse with water.
- Always **test any cleaning method on an inconspicuous area first**.



Water spots after rain are normal & fade in weeks

GOOD TO KNOW

Water / drying **spots after rain are normal and short-lived** — they usually fade within a few weeks to 1–2 months. The colour **matures under UV over the first ~45–60 days** and slight batch-to-batch shade differences even out. Both are natural characteristics of recycled material, not defects.

DO

- Leave the 10 mm end / 5 mm edge expansion gaps
- Pre-drill & countersink; oversize the end holes (Ø8 mm)
- Use A2 stainless deck screws
- Clean with water + mild detergent
- Keep board gaps and surrounds clear

DON'T

- Press-fit boards or butt them tight
- Force screws in without pilot holes
- Use solvents or harsh chemicals
- Let ice build up in winter

✓ Warranty at a glance

Up to 15-year quality warranty from date of purchase: **5 years** on mechanical properties, cracking and warping; **15 years** against rot / decay (fungi & bacteria) and insect damage.

The warranty applies **only** when boards are installed to ECOPLANK's installation instructions and good building practice, **and are properly maintained**. It does not cover dimensional change from thermal expansion/contraction, natural UV colour change, scratches or stains from normal use, or damage from unsuitable cleaning agents. See the full Warranty Card for complete terms.