Moving with Nature™

EZ BEACH STEPS™

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SERVING RESIDENTIAL AND COMMERCIAL MARKETS

Make the sustainable choice.

Treated Wood vs Aluminum
ENVIRONMENTAL COMPARISON

FACTOR	TREATED LUMBER	ALUMINUM
Chemical Concerns	Pressure-treated with copper, arsenic, or newer alternatives that can leach into soil/water.	No chemical leaching; inert material.
Durability and Lifespan	10–25 years with maintenance; prone to rot, warping, and insect damage.	30–50+ years; resistant to corrosion, rot, and weathering.
Maintenance Needs	Requires sealing, staining, and replacement of damaged boards.	Minimal maintenance; occasional cleaning only.
End-of-Life Disposal	Treated wood cannot be safely burned or composted; must go to landfill or specialized disposal.	Highly recyclable; retains quality through repeated recycling, retains an end of life value.
Carbon Footprint	Lower upfront emissions, but frequent replacement and end of life disposal release carbons and toxins, increasing the overall footprint.	Recycled Aluminum has 92-95% fewer carbon emissions and its infinite recyclability reduces its overall footprint.
Ecological Impact	Risk of soil/water contamination from preservatives; deforestation concerns	Recycled aluminum avoids mining impacts and lower energy use in processing.

Short-term vs. long-term impact
Treated lumber looks “greener” at first because it’s wood-based, but its shorter lifespan and disposal issues make it less sustainable over time.

Aluminum’s recyclability is a major advantage: Nearly 75% of all aluminum ever produced is still in use.

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