



RecoDeck

Affordable Fully Recycled Plastic Decking Board

RecoDeck is a fantastic **affordable** option for eco-conscious customers looking for a **fully recycled, environmentally friendly** and **non-toxic** product to replace wood in an upcoming project. Manufactured from 100% recycled plastic waste, RecoDeck boards are **highly durable, versatile, maintenance free**, environmentally friendly, **UV and weather resistant**. With matching decking clips and screws to make the installation process simple, this plastic board is ideal for use on decking systems, terraces, walkways, balconies, cladding and even raised beds. An upgrade on wood, RecoDeck can be used in almost all projects where a wooden board may be traditionally found.

- RUBBER GRASS MATS
- RUBBER PLAY TILES
- BELT CONVEYORS
- STEEL FIXING PINS
- PLASTIC FIXING PEGS
- LAWN & BORDER EDGING
- FORCED ACTION MIXERS
- WATER STORAGE CRATES
- RESIN BOUND GRAVEL
- RUBBER GYM MATTING
- GRASS PROTECTION MESHES
- GRASS REINFORCEMENT MESHES
- GROUND REINFORCEMENT & GRAVEL RETENTION GRID
- SUBMERSIBLE COMBI PUMPS
- RECYCLED PLASTIC DECKING
- RECYCLED PLASTIC LUMBER
- LANDSCAPING & WEED CONTROL MEMBRANES



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This document was produced in **February 2020** and the reliability and accuracy of this data should be checked by the reader prior to design or purchase.

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WEATHER & UV RESISTANT

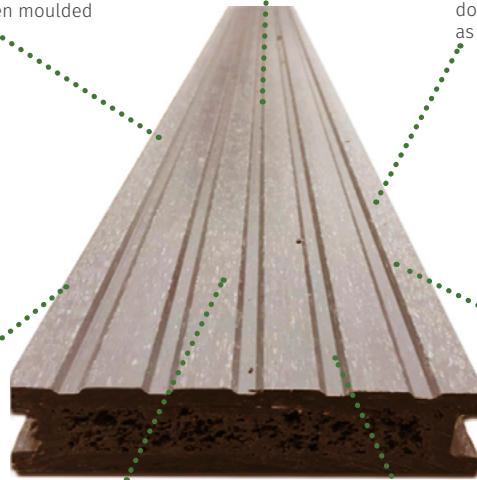
Being made entirely from recycled plastic, RecoDeck is not affected by UV rays, heat, cold and rain

100% RECYCLED

Manufactured from 100% recycled plastic waste which is then moulded into a decking board

MAINTENANCE FREE

Unlike wooden boards, RecoDeck doesn't require regular upkeep such as sanding or staining



SIMPLE INSTALLATION

RecoDeck is simply to install using a simple sub-frame and matching coloured decking clips and screws

VERSATILE

RecoDeck can be used in a number of ways from creating decking systems to making raised sleepers

HIGHLY DURABLE

RecoDeck boards are strong, flexible & long lasting so will provide you with a solid product for years to come

NON-TOXIC

Each board contains non-toxic materials that could possibly affect the surrounding environment

KEY FACTS

- » Length: **3600mm**
- » Width: **138mm**
- » Depth: **32mm**
- » Weight: **9.6kg**
- » Material: **100% recycled plastic waste**
- » Colours: **Brown, grey and green**
- » Compliant with: EN 438-2:2005 (*resistance to artificial weathering & UV irradiation*), EN 14354 (*abrasion resistance*) and EN 438-2:1991 (*scratch resistance*)
- » Pallet quantity: **120 boards**

APPLICATIONS



DECKING

RecoDeck is commonly used to create attractive, maintenance free and long lasting decking systems



TERRACES

RecoDeck's appearance, low maintenance & weather resistance is ideal for creating terrace flooring



BALCONIES

Used to create an affordable, attractive, long lasting, and maintenance free balcony flooring



WALKWAYS

Create strong walkways which look great, require no maintenance and are weather resistant



RAISED BEDS

Replace traditional wooden boards and use RecoDeck boards to create highly beneficial raised beds

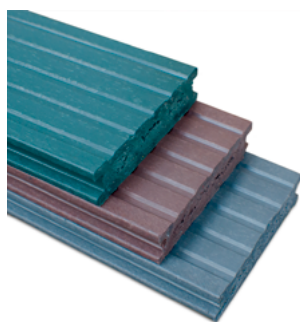


CLADDING

RecoDeck is ideal for creating strong, reusable, long lasting, weather and UV resistant cladding

Installation Instructions

1. RecoDeck can be installed onto a sub-frame made of wood, recycled plastic or aluminium joists. For this installation, we are using 95mm x 50mm recycled plastic joists but different dimension joists can be used too. Joist strength calculations should be carried to ensure that your sub-frame has is capable of holding the weight of both the RecoDeck plastic decking boards and the load placed on top (**1m = 3.5kg and 1m³•2 = 23kg**). Ensure the ground below your decking is even, stable and well consolidated to avoid uneven loading, subsidence and sagging. If you are in any doubt about the suitability of your sub-grade build-up, we highly recommended you employ the services of a qualified groundworker or civil engineer.
2. If using adjustable pedestals or cradle supports, these should be installed at no more than 1 metre intervals. You must ensure that the included clips of the supports hold your joist in place and provide a level platform for the RecoDeck boards. The recommended distance between your sub-frame joists is 375mm but should not exceed 400mm, measured from the centres of the beam. Your joists should be at least 50mm in width.
3. With the sub-frame in place, install a RecoDeck clip to one end of each joist. Ensure the clips are aligned with each other and do not hang over the edge of the joist as this can disrupt the installation of fascia boards.
4. The first decking board should be cut to the correct length and installed onto the joists. Ensure that the RecoDeck clip sits snugly into the outer edge groove of the RecoDeck board.
5. With the first board in place, install a RecoDeck clip onto each of the joists and ensure each one is pushed in to the groove of the installed board. You can then repeat the process of installing a board onto the joist and in the existing RecoDeck clips before installing more clips and repeating until you reach the end of your installation.
6. As RecoDeck is manufactured from 100% recycled plastic materials, they can expand and alter in length due to changes in temperature. It is important to note that when building with RecoDeck an expansion gap is required at one end (A temperature change of 1°C changes the longitudinal dimension by 0.0069mm per 1m).
7. To finish the decking installation you must allow room for expansion, fix only one end of the decking board using screws. Fix one or more screws diagonally through the end of the board into the joist below to only allow expansion in one direction.
8. Fascia boards are an optional part of the RecoDeck installation but if used will completely disguise the sub-frame and complete the installation to a professional standard. To install the fascia boards, screw into the boards directly on to the sub-frame joists at intervals no more than 500mm.
9. If two corners of your fascia boards are going to meet they should be mitre cut at 45° to enable to boards to be installed with clean and sharp corners that fit together perfectly and provide the best visual finish.
10. The fascia boards should be installed with a 5mm gap between each vertical joining point to allow for expansion and contraction under differing weather conditions.



PRODUCT CODE	COLOUR	DESCRIPTION	DEPTH (mm)	DIMENSIONS (mm)	PACK SIZE	PALLET QTY	UNIT WEIGHT (kg)
1924	Brown	RecoDeck Decking Board Brown	32	3600mm x 138mm	1	120	9.6
1923	Grey	RecoDeck Decking Board Grey	32	3600mm x 138mm	1	120	9.6
2040	Green	RecoDeck Decking Board Green	32	3600mm x 138mm	1	120	9.6
1948	Brown	RecoDeck Clip	22	38mm x 13mm	100	N/A	0.53
1957	Grey	RecoDeck Clip	22	38mm x 13mm	100	N/A	0.53
1962	Brown	RecoDeck Clip Screw	40	40mm x 3.5mm	100	N/A	0.23
1957	Grey	RecoDeck Clip Screw	40	40mm x 3.5mm	100	N/A	0.23
2065	Black	Adjustable Decking Pedestal	45-70	168mm x 168mm	1	N/A	0.14