



Elegrodeck

Luxury Fully Recycled Plastic Decking Board

Elegrodeck is the UK's only luxury option for eco-conscious customers looking for an **environmentally friendly, fully recycled**, and **non-toxic** product to replace wooden decking boards in an upcoming project. Manufactured from 100% recycled plastic waste, Elegrodeck boards are **versatile, maintenance free, highly durable**, environmentally friendly, **UV and weather resistant**. With matching decking clips and screws to make the installation a simple process, our plastic boards are ideal for use on decking systems, balconies, terraces, walkways, bridges, roof-top gardens and even stairs. An upgrade on wooden boards, Elegrodeck can be used in almost all projects where wood boards may be traditionally found.

- RUBBER GRASS MATS
- RUBBER PLAY TILES
- BELT CONVEYORS
- STEEL FIXING PINS
- PLASTIC FIXING PEGS
- LAWN & BORDER EDGING
- FORCED ACTION MIXERS
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- 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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VERSATILE

Elegrodeck can be used in a number of projects from creating decking systems to balconies and terraces

HIGHLY DURABLE

Elegrodeck boards are strong, flexible & long lasting, providing you with a solid product for years to come

NON-TOXIC

Each board contains non-toxic materials that would not affect the surrounding environment

MAINTENANCE FREE

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

WEATHER & UV RESISTANT

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

SIMPLE INSTALLATION

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

100% RECYCLED

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

KEY FACTS

- » Length: **3000mm**
- » Width: **138mm**
- » Depth: **32mm**
- » Weight: **10.5kg/board**
- » Material: **Recycled plastic**
- » Colours: **Blake Oak, Anteak Oak, Charred Oak**
- » Compliant with: **DIN 51130 (Non-Slip), 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

Elegrodeck is commonly used to create attractive, maintenance free and weather resistant decking systems



TERRACES

Create a decorative, UV stable and long lasting terrace surface which requires very little maintenance



BALCONIES

Elegrodeck products can be used to create luxurious, premium, low maintenance balcony flooring



WALKWAYS

Elegrodeck creates attractive, strong, weather resistant and long lasting walkways in a choice of 3 colours



BRIDGES

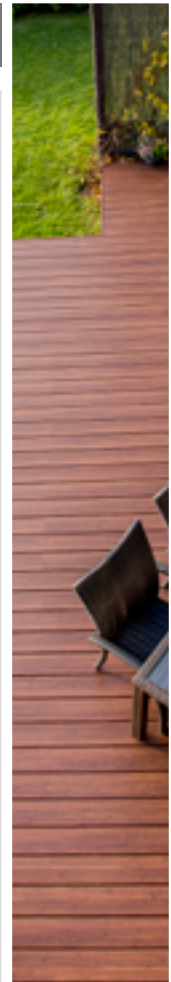
Paving a bridge with Elegrodeck provides an attractive, long lasting & low maintenance surface



STAIRS

Elegrodeck boards can be used as part of a stair installation which are attractive and functional

Installation Instructions



1. Elegrodeck 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 Elegrodeck 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 Elegrodeck 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 Elegrodeck 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 Elegrodeck clip sits snugly into the outer edge groove of the Elegrodeck board.
5. With the first board in place, install a Elegrodeck 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 Elegrodeck clips before installing more clips and repeating until you reach the end of your installation.
6. As Elegrodeck 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 Elegrodeck 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 Elegrodeck 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)
1575	Blake Oak	Elegrodeck Decking Board	32	3000mm x 138mm	1	120	10.5
1920	Anteak Oak	Elegrodeck Decking Board	32	3000mm x 138mm	1	120	10.5
1983	Charred Oak	Elegrodeck Decking Board	32	3000mm x 138mm	1	120	10.5
1948	Brown	Blake Oak Decking Clip	22	38mm x 13mm	100	N/A	0.53
1957	Grey	Anteak Oak Decking Clip	22	38mm x 13mm	100	N/A	0.53
2067	Grey	Charred Oak Decking Clip	22	38mm x 13mm	100	N/A	0.53
1962	Brown	Blake Oak Clip Screw	40	40mm x 3.5mm	100	N/A	0.23
1963	Grey	Anteak Oak Clip Screw	40	40mm x 3.5mm	100	N/A	0.23
2066	Grey	Charred Oak 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