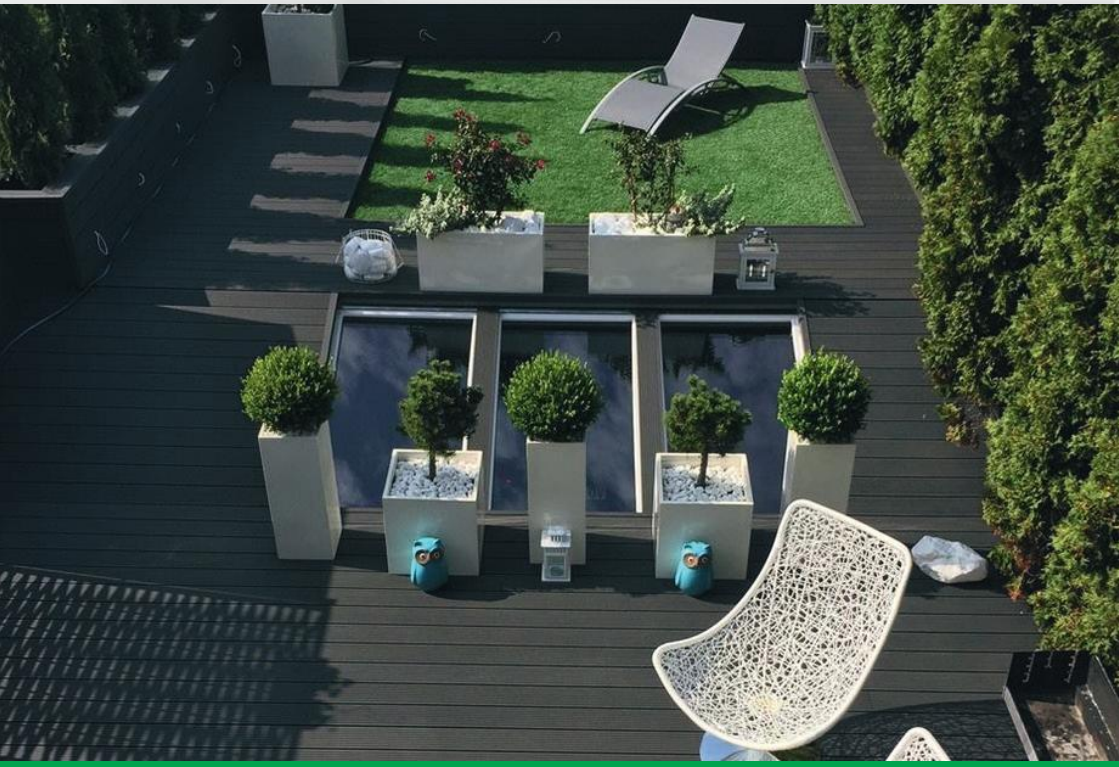
RECODeck RECOClad

ADVANCED COMPOSITE DECKING AND CLADDING



DECKING | CLADDING | BALUSTRADES

www.recodeck.com

ABOUT US

We offer premium grade engineered composite decking boards and cladding, made from a combination of recycled wood and polymer. Our products are engineered to meet the needs of today's buyers and specifiers.

Also known as Composite Deck Wood, Plastic Decking and WPC (Wood Plastic Composite), this sturdy material will rival even hard wood decking with its low maintenance, superior strength and long lasting colour retention.

Composite (WPC) offers the look and feel of timber with added engineering advantages, making it suitable for both commercial and residential applications.

RecoDeck's UV stability and low moisture absorption make it ideal in a number of applications, particularly 'poolside'.

OUR DECKING

BOARD & FASCIA

Our Boards are comprised of 55% natural wood fibre & 35% recycled plastic, making them much denser than natural wood.

The wall of our hollow board is 6mm thick, which means it much stronger than industry standard boards with 4mm thick walls. RecoDeck decking boards look and feel like real timber, with the composite engineering advantages of; low maintenance, high strength and long-life.
RecoDeck is UV stable with less than 1% moisture absorption, ideal for poolside use.
The colour matched trim, skirts the perimeter of your deck, to add the finishing touch.

INSTALLATION

RecoDeck Advanced Composite Decking comes with a **FREE installation guide.** The fixing system make it very easy for DIY enthusiasts to install.
No specialist tools are required, simply screw to the substrate and click the boards together.
We do offer a full installation service for commercial and trade customers.

Main Uses: Walkways | Picnic Areas | Alfresco Dining | Beer Garden | Penthouse | Terrace Balcony | Garden | Patio | Poolside

FIXINGS

RecoDeck fixing system is hidden from view, which gives an evenly spaced fit and a seamless finish. This clever fixing system allows the boards to expand and contract naturally. All fixings are made from stainless steel. The fixing system comprises; starter clips, fixing clips and screws. You will need 4 starter clips from your first board and 20 fixing clips for each m²

OUR SPECIFICATION

The benefits of RecoDeck as a modern alternative to traditional materials such as timber, make it a popular choice for those seeking a professional finish that's; long lasting, low maintenance and cost effective.

RECODECK BOARDS

Hollow Sanded	3600 x 143 x 23mm	Classic Teak, Light Grey
Fascia	3600 x 72mm x 11mm	Classic Teak, Light Grey
Fixings	44 Clips (Per 2m²)	Stainless Steel

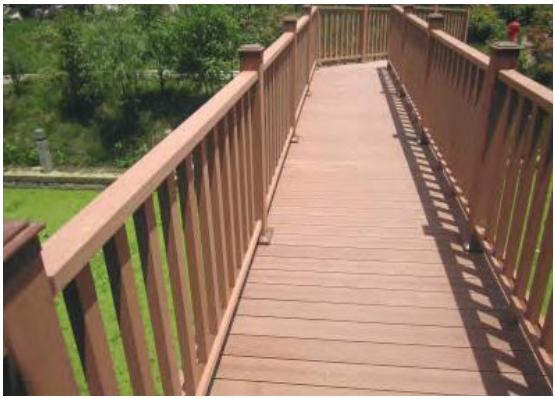
TECHNICAL SPECIFICATION

CHARACTERISTICS	UNITS	TEST REFERENCE
Density	1.35 G/CM³	ASTM D792-08
Tensile Strength	155 KGF/CM²	ASTM D638-08
Elongation	1.10%	TYPE I, V=5MM/MIN
Impact Strength	7.6 KJ	SSTM D1037-93
Nail - Head Pull -through	346 KGF	ASTM D1036
Flexural Modulus	2.85 GPA	ASTM D1037-93
Flexural Modulus After UV Ageing (1000 Hrs & Rain)	2.82 GPA	ASTM D1037-93
UV Ageing Test	PASS	ISO 4892-2
Water Absorption (23°c, 24 Hrs, Increase In Weight)	0.77%	ASTM D570-98 (2005)
Flammability Resistance (Standard) Composition	EURO CLASS CFL-S1	BS EN 13501-1
Thermal Expansion	3.8x10-5	ASTM D1037
Sustainability	90% RECYCLED MATERIAL	

BALUSTRADES

As well as our range of WPC decking, we also offer a matching range of posts & balustrades to compliment your decking superbly.

Our balustrades and posts are made from exactly the same material as our decking, and come in the same range of shades - meaning you can find an exact match.



All of our WPC products are completely maintenance free - including our balustrades and posts. Meaning you're able to completely transform the look of your garden whilst simultaneously decreasing the effort required to maintain it.

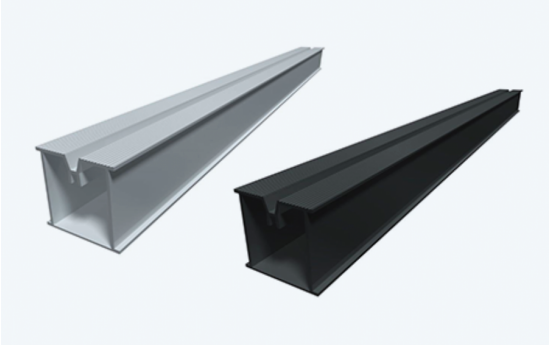
Keeping your outside spaces looking good doesn't necessarily have to mean hard work!

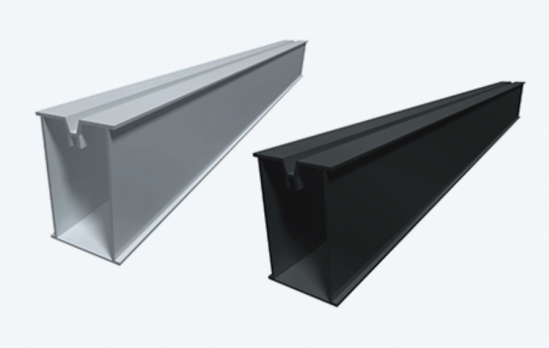
DECKING SUPPORTS

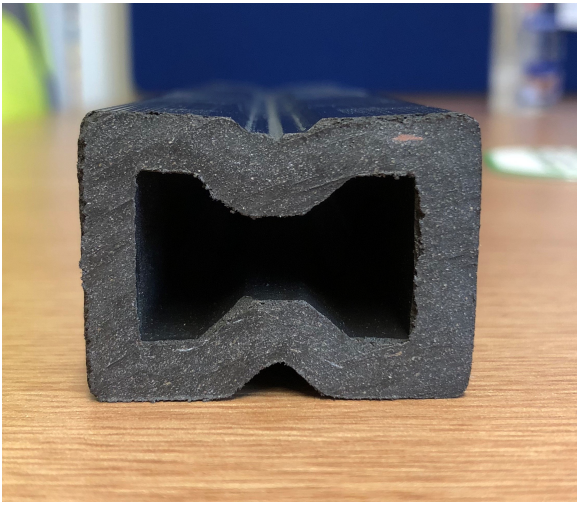
As an alternative to a timber sub-frame – which will require some maintenance and be prone to perishing, we can offer a great range of alternative support systems to not only minimise the maintenance aspect associated with a 'deck', but to increase the life span as well.

We can offer a range of either WPC or aluminium 'bearers/supports' - strong, long-lasting, easy to install and maintenance free.

The Aluminium deck supports are available in 3.6m lengths and 48mm x 38mm or 72mm x 38mm…in either silver or black. These can be supported at up to 600mm or 1200mm centres respectively.





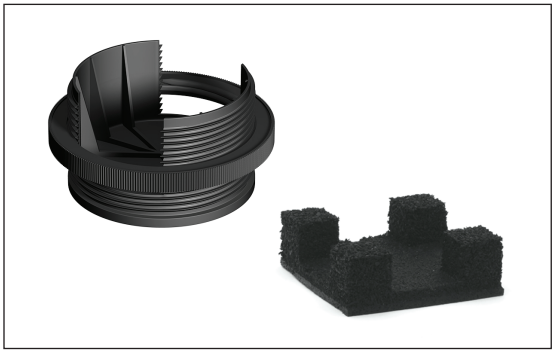


The WPC (composite) deck supports come in 2.2m lengths and are 30mm x 40mm and it is advised these are supported at 300-350mm centres.

CRADLES

To go with the range of non-timber supports, we also offer a fantastic range of cradles and pedestal options to suit almost any requirement.

For a floor based deck, you can use either an Eco-Cradle (made from reconstituted tyres), or the plastic cradle which allows you 10-40mm of adjustment.



If your deck is taller than 40mm then you can opt for a pedestal system – these are available with either ‘fixed’ or ‘self-levelling’ heads from heights of 20mm right up to 1000mm.

The self-levelling heads have a unique fixing system and will cater for a slope of 10.5%.

OUR CLADDING

The versatility of RecoDeck architectural cladding makes it the ideal choice for a diverse range of buildings, from residential to offices and industrial plants.

RecoDeck cladding is an exterior wall panelling system designed to protect homes and buildings from the effects of harsh weather.

This innovative material outlasts timber and doesn't require painting. It's aesthetically appealing and offers a fresh modern look.

CHARACTERISTICS	UNITS	TEST REFERENCE
Specification	140mm x 25mm	n/a
Flexural Strength	452 KGF/CM²	ISO178:2010 Amendment 1:2013 Method A
Tensile Strength	283 KG/CM²	ISO527-1:2012 and ISO527-2012
Tensile Strain at Break	0.84 mm	ISO527-1:2012 and ISO527-2012
Linear Thermal	42 x 10-6/°C (length)	ISO113591:2014 and ISO11359-2:1999 Method A
Expansion	129 x 10-6/°C (thickness)	ISO113591:2014 and ISO11359-2:1999 Method A
Water Immersion Swell	1.4% (thickness)	EN317:1993

The total linear expansion space (in mm) needed for one or several cladding boards placed end-to-end:

CUMULATIVE LENGTH	1000MM	2000MM	5000MM	7000MM	8000MM
10°C	4	7	17	24	27
20°C	4	8	19	27	30
30°C	4	9	21	29	34
40°C	5	9	23	33	37
50°C	4	10	25	33	40

This table shows the difference between the most extreme temperature likely to be encountered while in service, and the ambient temperature on the day of installation.

For example: An expanse of cladding 8 metres long (8000mm), fitted on a day when outdoor temperature was 0°C. After a few months of being subjected to a temperature pf 40°C, the cumulative length of the boards will be 8.027 metres. Therefore, it is vital to leave the expansion gaps as defined in the table.

QUALITY ASSURANCE

Manufactured under our ISO9001 accredited Quality Management System, the structural integrity of the specified material is high grade. Whilst a suggested life span of some 25+ years is assumed, this is not a guarantee and is based on a number of variables: environmental, installation process, maintenance, loading and traffic conditions.

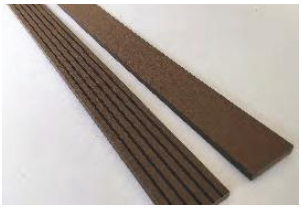
OUR PROMISE

We want you to be as impressed and confident with your new RECODeck as we are, which is why RECOdeck comes with a ten year warranty and a money back gurantee!

TEN YEAR WARRANTY
Terms & Conditions apply.

MONEY BACK GUARANTEE
Terms & Conditions apply.

BOARD



FASCIA

FIXINGS

	COMPOSITE	WOOD	PLASTIC
Wood-like appearance	●	●	○
Easy to work with	●	●	○
Low maintenance	●	○	●
Slip resistant	●	○	○
Anti- splinter	●	○	●
No warping	●	○	●
Environmentally sourced	●	○	●
Rot & Woodworm resistant	●	○	●
Longlife	●	○	●

Composite decking is the ideal alternative to traditional timber decking. Anybody considering installing timber decking should consider the alternative options that are available to them. Many timber decks will need to be replaced/repaired in a relatively short time frame and will no doubt require regular cleaning and/or treatment to maintain its aesthetics. These are often costly and/or time consuming.

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