

## Composite Decking System

Wood-plastic composite decking system for outdoor spaces





## Why this System?

TerraSmart™ Composite combines a premium wood-polymer composite (WPC) decking boards with the high-performance substructure systems Ryno are so well-known for, to create a beautiful deck with incredible longevity.

### “High-performance substructure systems”

Manufactured from sustainably farmed wood fibres, our composite decking boards provide the timeless look of wood decking without any of the associated downsides.

- Ideal for communal, public and commercial spaces; as well as low-rise developments
- Decking boards available in 8 finishes
- Simple design enabling easy installation
- Fully height-adjustable support system
- 10-year full system warranty

### Why Ryno?

We make it easy. We have a full complement of industry specialists and support experts with experience on thousands of Ryno installations. Working with Ryno is a conversation: our goal is to make each project as simple and painless as possible. Each of our systems has been specifically designed and tested to make life safe and easy.

## System Overview

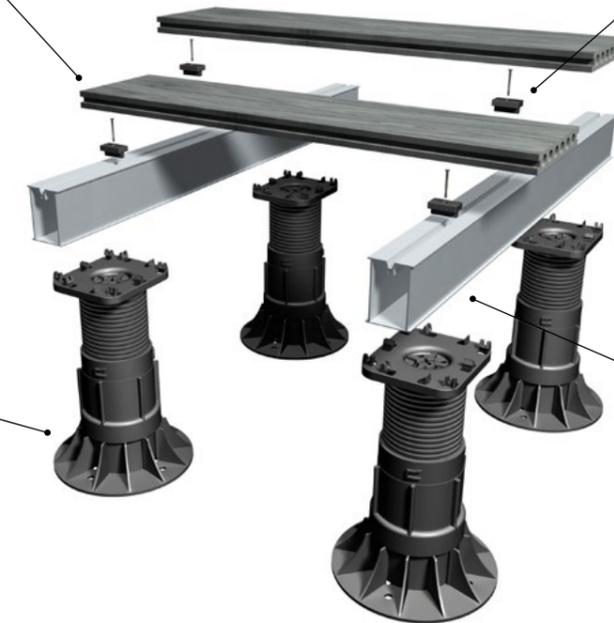
### 1. Composite Decking

They are available in 8 distinctive colour choices across two ranges:

- Signature: premium, wood grain finish
- Classic: contemporary, grooved finish
- Performance: Class B fire rated

### 2. Joist Pedestal

- Self-levelling adjustable pedestal with “click-head”
- Fixed-head adjustable pedestal
- Low height joist cradles



### 3. Fixing Clips

The decking boards are secured in place using a hidden fixing system, which includes our patent-pending AluClip™ (patent no: GB2009927.1) which fixes the boards via a clamp mechanism, to allow for thermal expansion and contraction.

### 4. Aluminium Joist

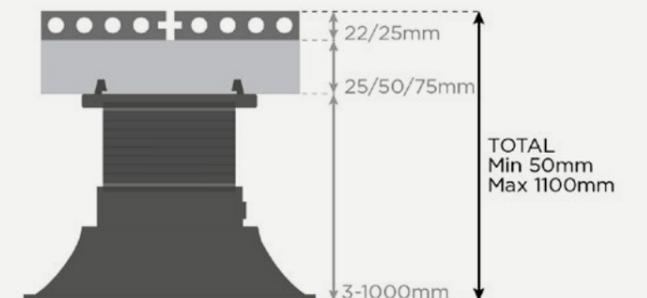
- Manufactured from strong and lightweight aluminium
- High span to depth ratio Stable, consistent
- Stable, consistent support for composite boards, maximising their lifespan
- Available in mill finish or powder coated

## Technical Specification

Fire rating (to EN13501-1)	Euroclass B and C option available
Height range	47 - 1097mm
Loading/compression	Uniformly distributed load >4.0kN/m <sup>2</sup> Concentrated load: 1.4kN
Warranty	10 years

### System Build Up

Smaller solutions are available contact us for more information



# Finishes

## Signature

Timeless wood-grain effect boards, capped to provide additional protection from expansion, fading and staining



**Ebony**



**Silver Birch**



**Mahogany**

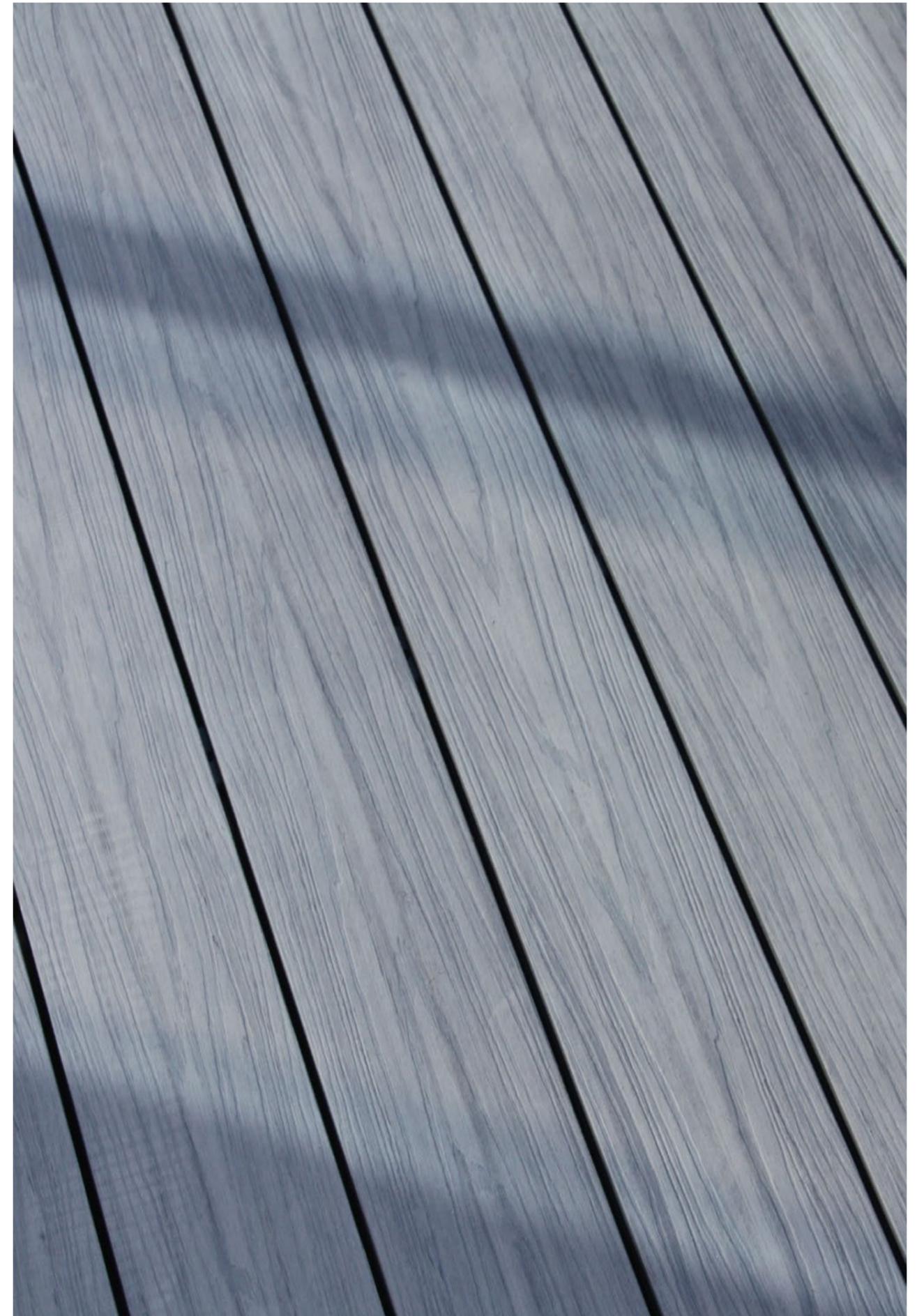


**Teak**

## Reversibility

Can't pick between light and dark? Your regular boards just not giving you enough options? Well not anymore!

Each board is fully reversible featuring another colour on the opposite side. Lighter or darker you don't need to pick the one board offers you the option to switch between and decide what works best for you.





## Finishes

### Classic

Contemporary, grooved composite decking boards, which are reversible, offering greater design possibilities



**Sand**



**Slate**



**Chocolate**



**Charcoal**

### Reversibility

You thought that signature was our only reversible board? Well think again.

Every classic board has two separate and distinct designs to pick from. Once you have your colour its simply a matter of picking the design which works best for you and your project.



# Finishes

## Performance

Contemporary, grooved fire rated composite decking boards, which are reversible, offering greater design possibilities



**Midnight**



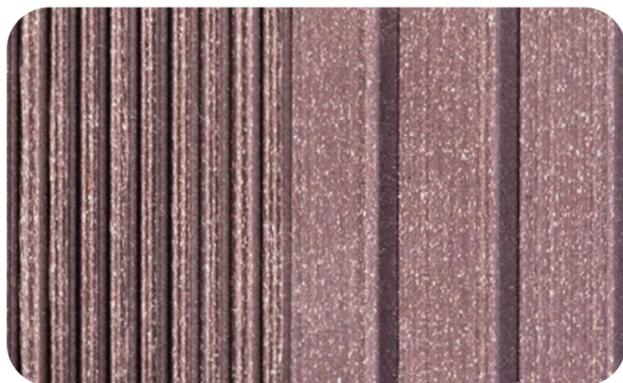
**Twilight**



**Dawn**



**Noon**

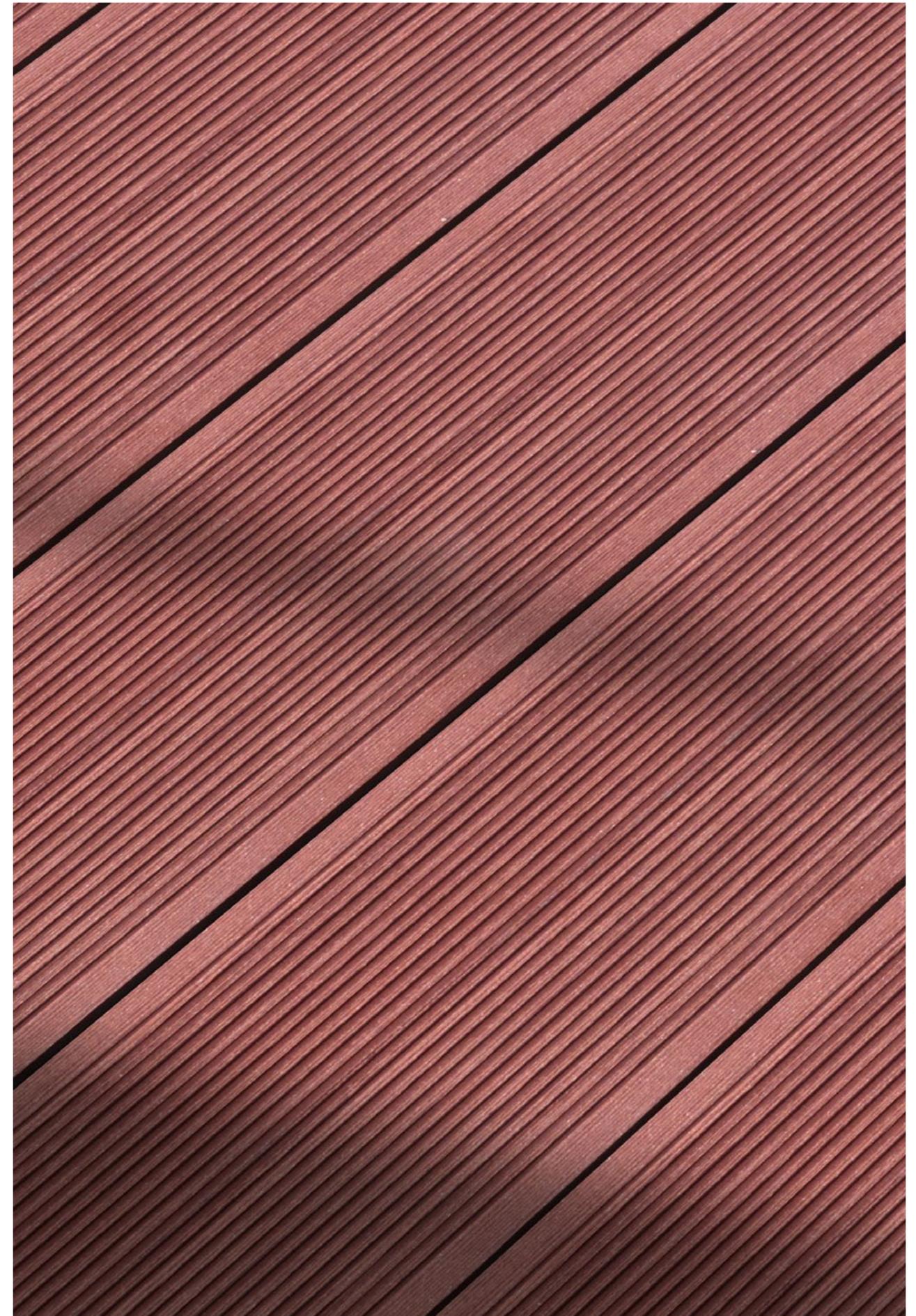


**Dusk**

### **Class B Rated**

Our Performance range offers higher level of security and assurance that you simply don't get with our other ranges.

Performance provides you with a class B fire rating making it more flexible for your product and providing extra peace of mind.



# Options

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## Bullnose board

The bullnose board is available in each shade of Signature decking board, providing neat and elegant finishing at the end of deck areas and at step treads.



## Fixed-head adjustable pedestal

For completely level surfaces, the fixed-head adjustable pedestal offers a simple, economical support option for joists, with 22-550mm height range.



## Self-levelling pedestal with 'Click head'

The Aluminium joist will simply 'click' into place and accommodating both single, double and perpendicular joist profiles.



## Joist cradle

The perfect solution where decking requires minimal elevation from the ground. Joist cradles are simple to install and adjust, providing an incredibly economical method of creating space below decking joists.



# Options

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## Joists

Aluminium joists sit on top of the pedestals to create a robust platform for the decking to be fixed too.



## Narrow gap clip

Where a narrower gap between decking boards is desired, the plastic T-clip can be replaced with the metal fixing clip.



## Corner profile

Corner profile is available in each decking finish and colour and provides an alternative way of capping off board ends and step treads.



# Inspiration for your project



## Private Roof Terrace Client: Private Homeowner

This terrace was created to maximise on otherwise wasted space and offers the homeowners a huge extension to their living space and a fantastic place to host friends and family, with incredible views out over Caswell Bay in the South of Wales.

Signature™ composite decking in the shade 'Mahogany' was used. It's a neutral coloured deck board which complements the stunning backdrop



# What's next?

## Inspiration

Did you flick through this brochure finding yourself thinking about a specific project? Well, we can help you out! Give our specification team a no-obligation, quick call today to answer any burning questions you might have, and find out if this is the system for you.

## Design

Our specification team are invested in your success first and foremost. If you tell them what you want, they will find a way to make it possible. When you keep up with them during a project, they focus on finding you bespoke solutions to keep costs down and keep the project safe.

## Support

We don't just ship your system and then send you on your way! We want to make sure that you are supported wherever and whenever you might need it. We know that things can change at the flick of a switch, so whatever you need, our project delivery team are here to help.

## Finish

Once all is said and done, drop in past The Studio in Clerkenwell for a friendly smile and a good cup of coffee, or get yourself booked in for a RIBA-certified CPD to keep up-to-date with the changing landscape of balconies and terrace compliance



# View the rest of the **TerraSmart®** range



## **TerraSmart®**

Vitrified Composite® Decking System

A1 fire-rated, wood effect decking systems for waterproofed substrates



## **TerraSmart®**

Pedestal Paving System

Straightforward, robust paving system for waterproofed substrates



## **TerraSmart®**

Aluminium Decking System

Decking system for waterproofed substrates



## **TerraSmart®**

Rail Paving System

Premium, versatile paving system for waterproofed substrates

## **TerraSmart®**

Pedestal Paving System

Straightforward, robust paving system for waterproofed substrates, **where non-combustibility isn't required**

## **TerraSmart®**

Rail Paving System

Premium, versatile paving system for waterproofed substrates, **where non-combustibility isn't required**