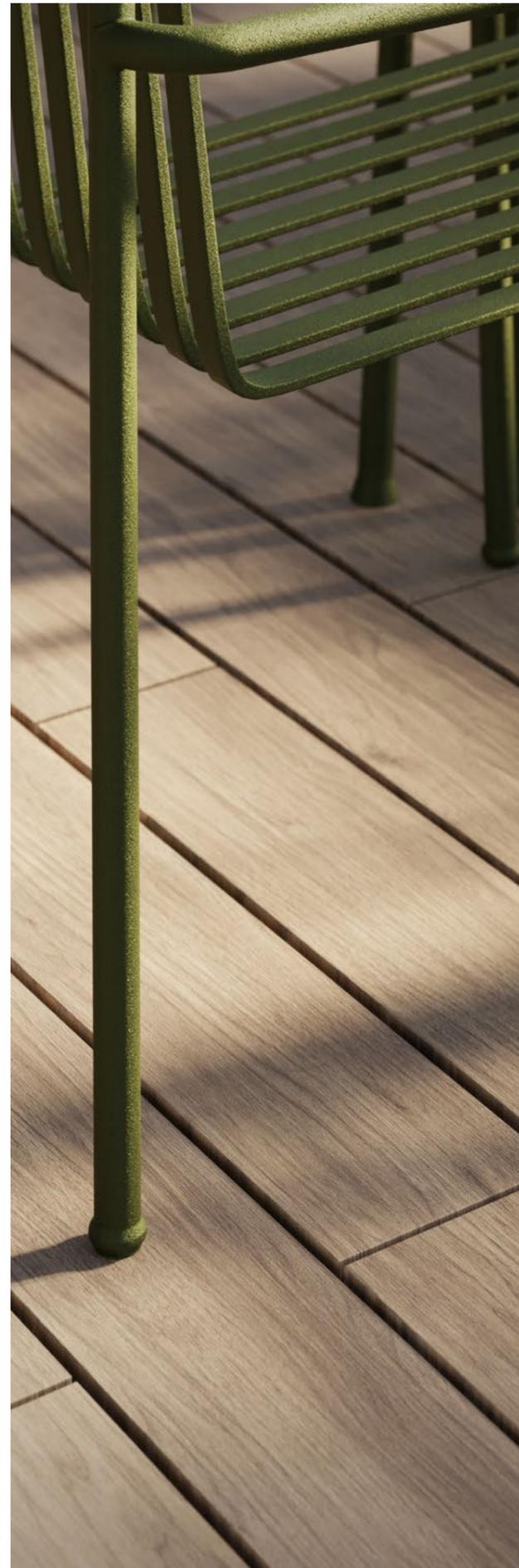


Vitrified Composite® Decking System

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





Why this System?

TerraSmart® Vitrified Composite® Decking is the perfect choice for terraces and balconies, offering both stunning aesthetics and long-lasting durability.

“Stunning aesthetics”

- Stunningly realistic hard-wood effect
- Non-porous, guaranteed frost-resistant
- Protected from staining and fading
- Will never expand or contract
- Class A1 fire rated
- Classified as “low slip risk”
- Very low maintenance
- Wind-uplift ready
- 30-year system warranty
- 60-year system design life



Out of the Box Compliance

Like you, we want to make our buildings and our lives safer. So we’ve made it easy for you to comply with current building and fire safety regulations. You choose the finish, we’ll take care of the compliance. Simple, smart, non-combustible flooring systems for terraces and balconies

System Overview

1. Decking board

TerraSmart® Vitrified Composite® decking board available in 5 stunningly realistic finishes.

3. Fixing Clips

Decking boards are secured in place with our hidden fixing system, including our VC Starter / End Clips and VC T-Clips, which fix the boards at joist ends and together via a clamping and self-deformation feature that prevents breakages

4. Shock absorbent Gasket

Self-adhesive backed EPDM strip providing noise dampening, and aiding in the secure fixing of the board to the joist.

5. Aluminium Joist

Our aluminium decking joists are available in several different joist heights (from 15mm to 75mm)

2. Pedestal

Whatever the height build-up available, we have the perfect decking joist support solution, fully adjustable to the desired height.

- Low-height joist cleat, down to just 3mm support height
- Height adjustable pedestal, up to 505mm support height.

Technical Specification

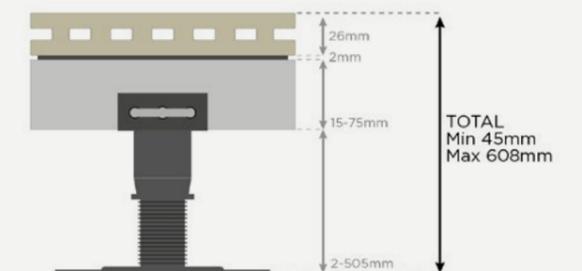
Reaction to Fire (to EN13501-1:2018)	A1
System overall height range	45-608mm
Warranty	30 years*
Design Life	60 years*

*Valid when used as part of a complete RYNO IGNO system

Note: for more detailed technical specifications and component information, please refer to respective product datasheets.

System Build Up

Bespoke solutions are available - contact us for more information



Finishes

Vitrified Composite®

If you expect unrivalled beauty, design flexibility, a stunningly realistic hard-wood finish, high performance, very low maintenance, and a product that will stand the test of time for complete peace of mind, then Vitrified Composite® is the non-combustible decking of choice.



White Poplar



Sunbleached Oak



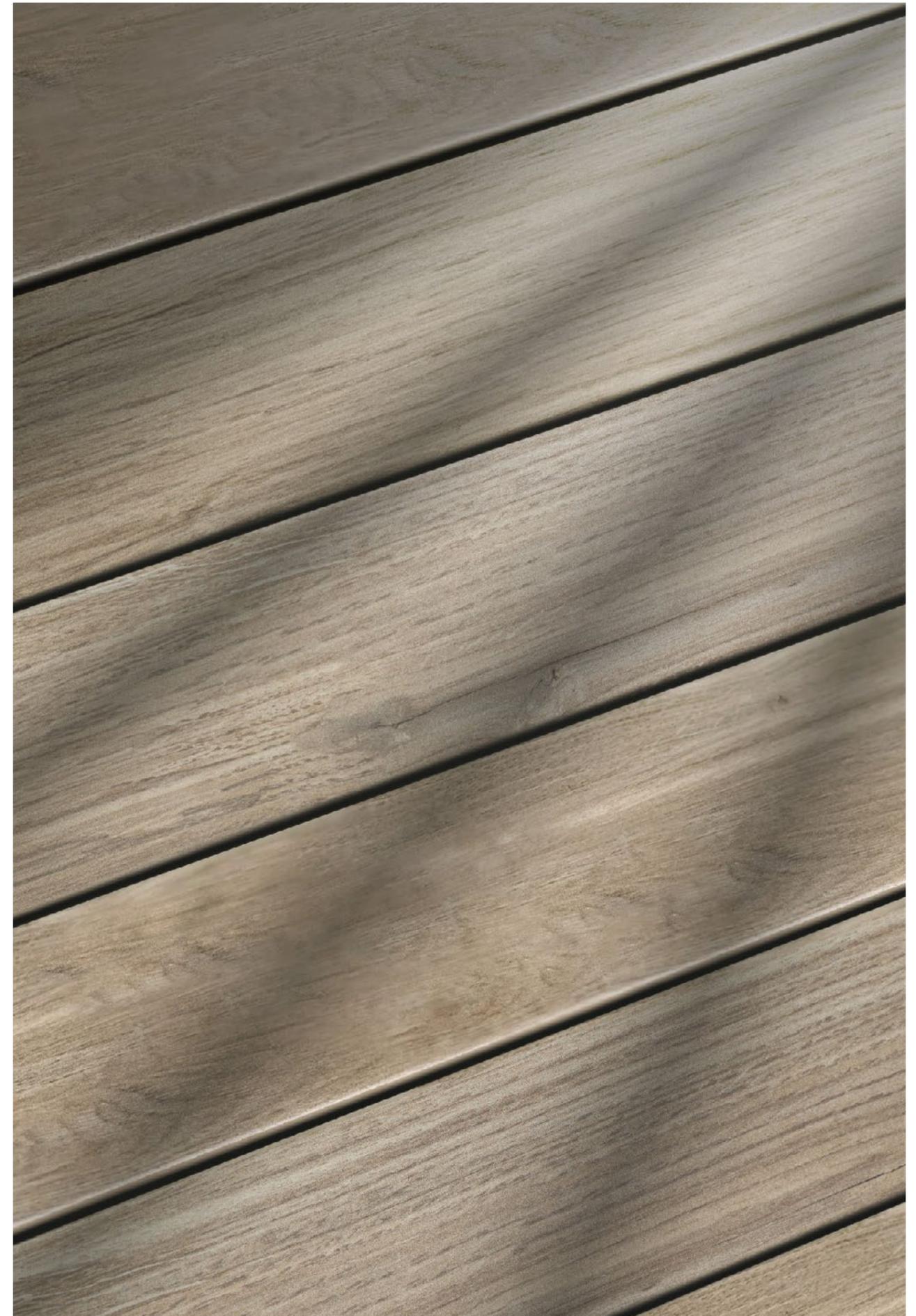
African Greywood



Himalayan Birch



Brazilian Walnut



Options

Bullnose Board

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



Low-height Support Cleat

For use where very little height build-up is available. Joist cleats are height adjustable, catering for falls, or to meet door thresholds while contributing as little as 3mm build-up. Manufactured from high-quality aluminium, with a wide base for spreading weight evenly.



Spreader Plate

For applications where the substrate requires lower point pressure, the 170mm circular spreader plate can be attached to the underside of the pedestal base

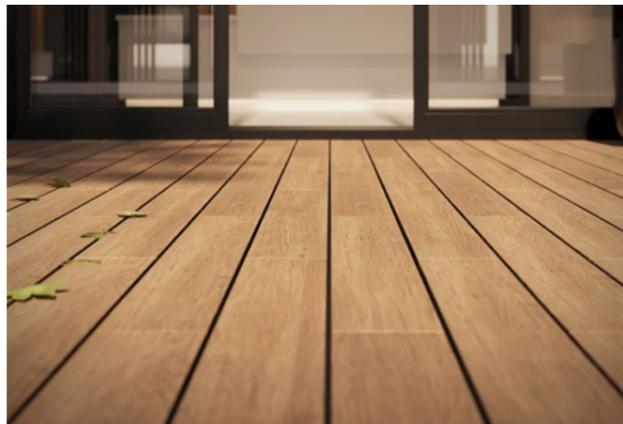


Shock pads

Base shock pads can be installed under pedestal/support base to enhance acoustic properties, or to provide additional protection to the membrane.



Inspiration for your project



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



Looking for more inspiration?

- Visit the TerraSmart® Vitrified Composite™ [system page](#)
- Order your Vitrified Composite™ [samples](#)
- Check out our Youtube for [interviews, installation videos and more](#)
- Speak to a member of [our team](#)

Or visit our homepage to delve deeper into our products. Uncover technical details, explore interactive features, and discover the full spectrum of what makes us your ideal choice.

www.rynogroup.co.uk



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



TerraSmart®

Rail Paving System

Premium, versatile paving system
for waterproofed substrates



TerraSmart®

Pedestal Paving System

Straightforward, robust paving
system for waterproofed substrates



TerraSmart®

Aluminium Decking System

Decking system for
waterproofed substrates

TerraSmart®

Composite Decking System

Wood-plastic composite decking
system for outdoor spaces

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**



The Studio
2 Sutton Lane
Clerkwenwell
London, EC1M 5PU

Ryno Ltd
Castlepoint
Castle Way
Ellon, AB41 9RG