

Rail Paving System

Paving system for metal-frame balconies





Why this System?

The smart and versatile way to achieve paved balconies. Paving rail sits perpendicular to balcony joist, providing totally stable support for paving tiles. Patent-pending, application number GB2100210.0.

“Smart and Versatile”

- Allows many different layout formats including random length, mixed width, stack bond, stretcher bond and plank paving
- Paving spacers allow rapid water drainage through paving
- Euroclass A1 fire rated system
- 30-year warranty, 60-year design life
- Suitable for a variety of paving finishes and styles



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. Paving

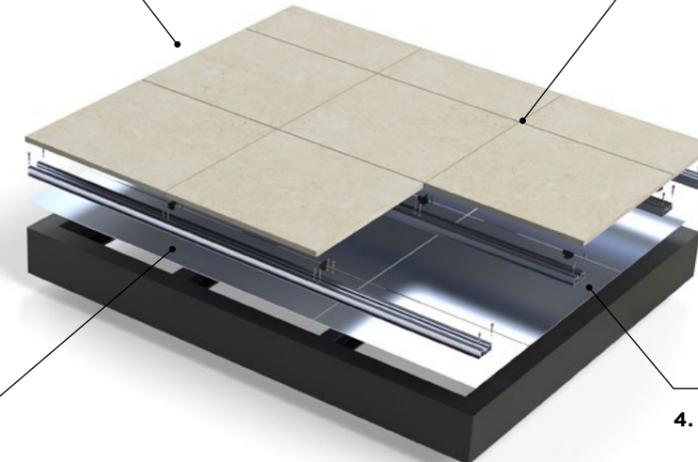
A complete range of stunning Ryno finishes available with various dimensions to account for increased loading.

Three ranges of porcelain and nine ranges of concrete to pick from

Each is hard-wearing and ultra-durable, with excellent slip resistance.

3. Spacers

Paving spacers twist into top rail to ensure equal spacing of slabs.



2. Balcony membrane

Placed between the system and balcony steels. In the unlikely event of tile breakage, membrane provides complete safety and fall restraint for balcony user and eliminates risk of falling debris.

4. Top Rail

Aluminium top rails provide complete support for the paving. Rails feature an integrated 2mm shock-absorbent gasket, a channel for the paving spacers to lock into, and side flanges for robust fixing into the primary rail.

Technical Specification

Reaction to Fire (to EN13501-1)	A1
System overall height range	49-112mm
Loading/compression (to EN 1991-1:2002)	Concentrated/point load 2kN Uniformly distributed 4.0kN/m ²
Warranty	30 years*
Design Life	60 years*

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

System Build Up

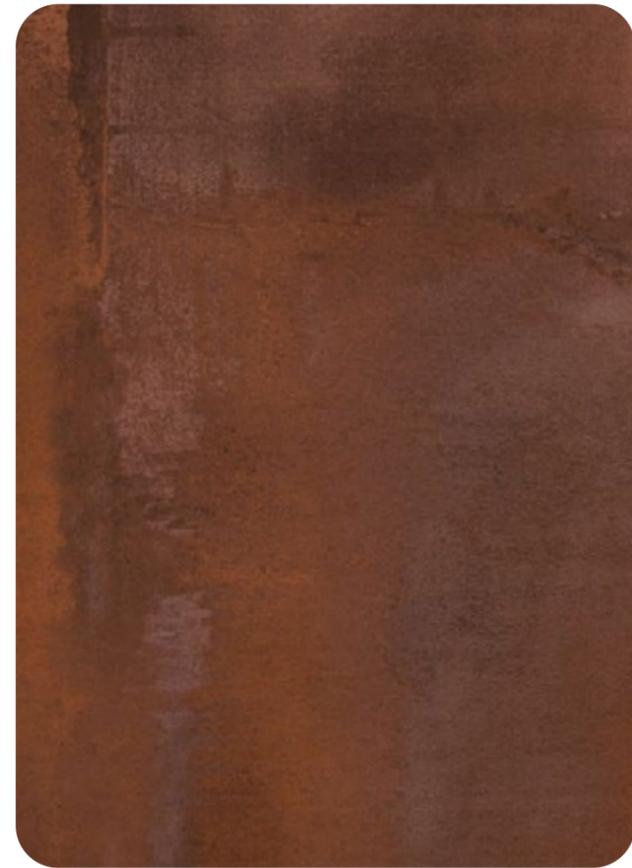
Smaller solutions are available contact us for more information



Finishes

Porcelain

Durable porcelain tiles available in a range of stone effect, wood grain and contemporary finishes.



Pictured: Corteno - Weathered Steel

Concrete

Tough concrete tiles available in a range of finishes for high foot trafficked areas.



Pictured: Liora - Light Granite

Full Range

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.

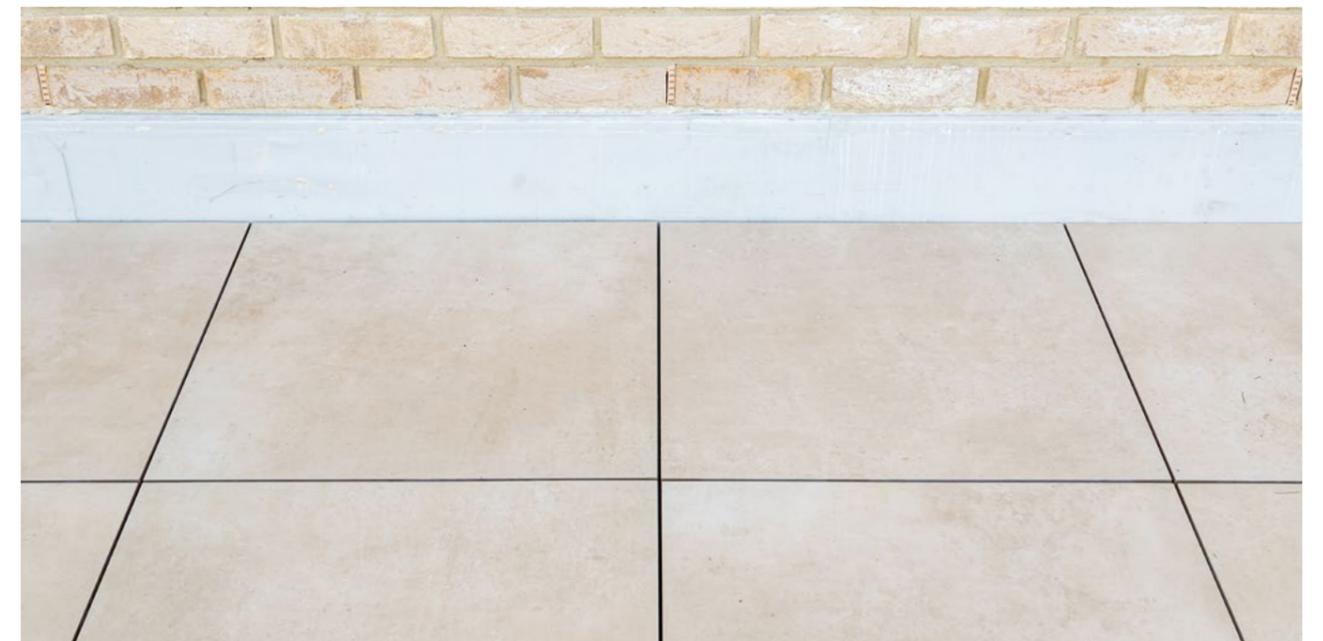
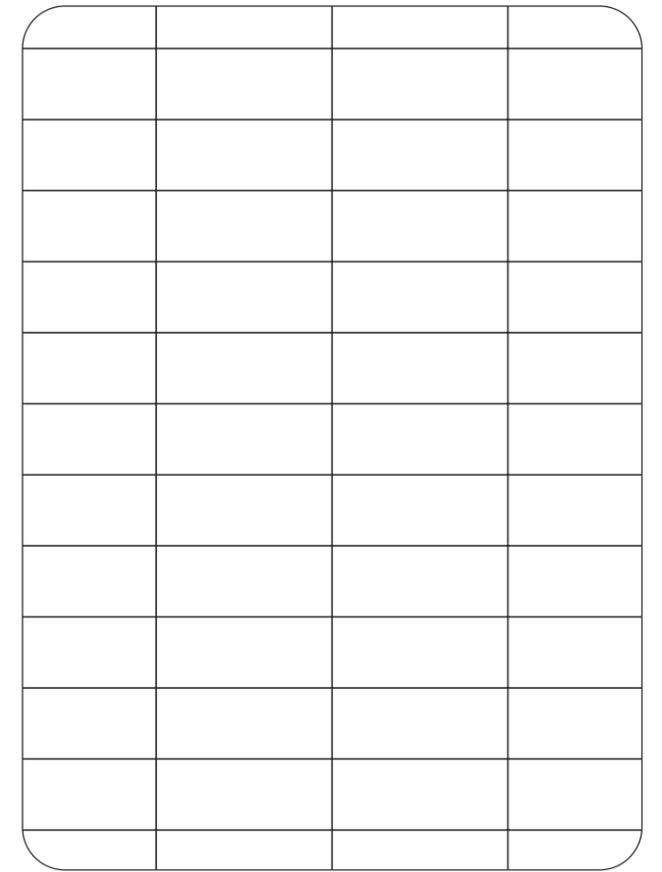
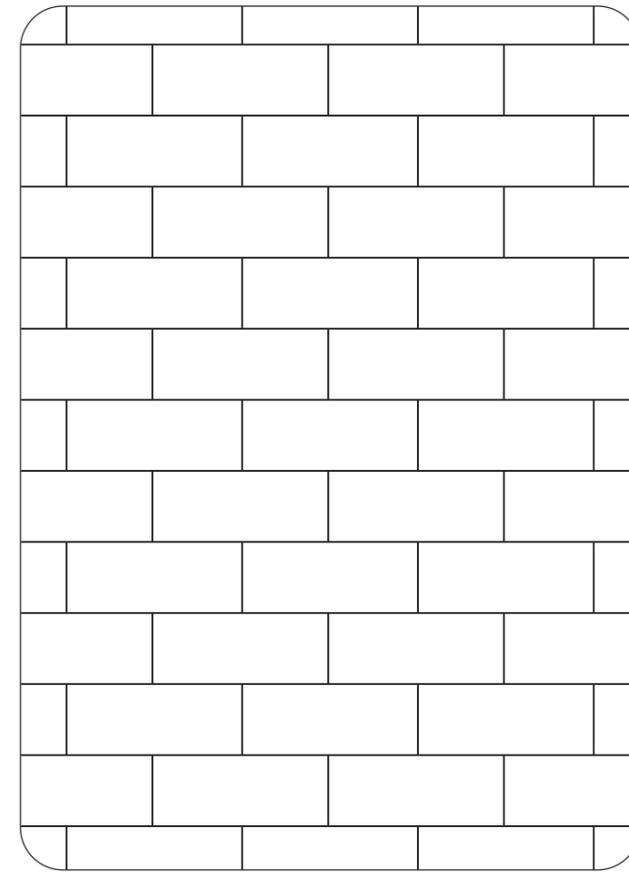




Unleash your creativity

Pattern

BalcaSmart® Pedestal is an economical solution for the most common and straightforward formats of paving layout utilizing the existing structure of the balcony steels .



Options

Top Rail Options

As always with Ryno systems, options are available to keep the system as efficient as possible. Rails come as standard in 27mm depth, but where existing balcony steels are set at more than 600mm apart, a 62mm version is available to double the span capability all the way up to 1200mm.



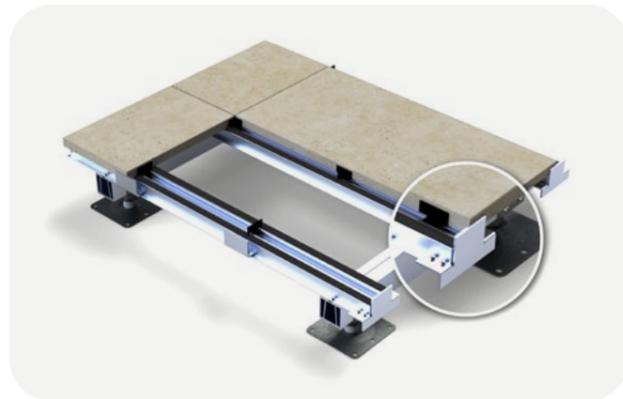
Paving Spacers

Cross-spacers, t-spacers, and straight-spacers are available to achieve a wide range of paving formats and consistent spacing between slabs, with 2 or 4mm spacer thickness options. Spacers lock into place in the top rail with a simple twist action.



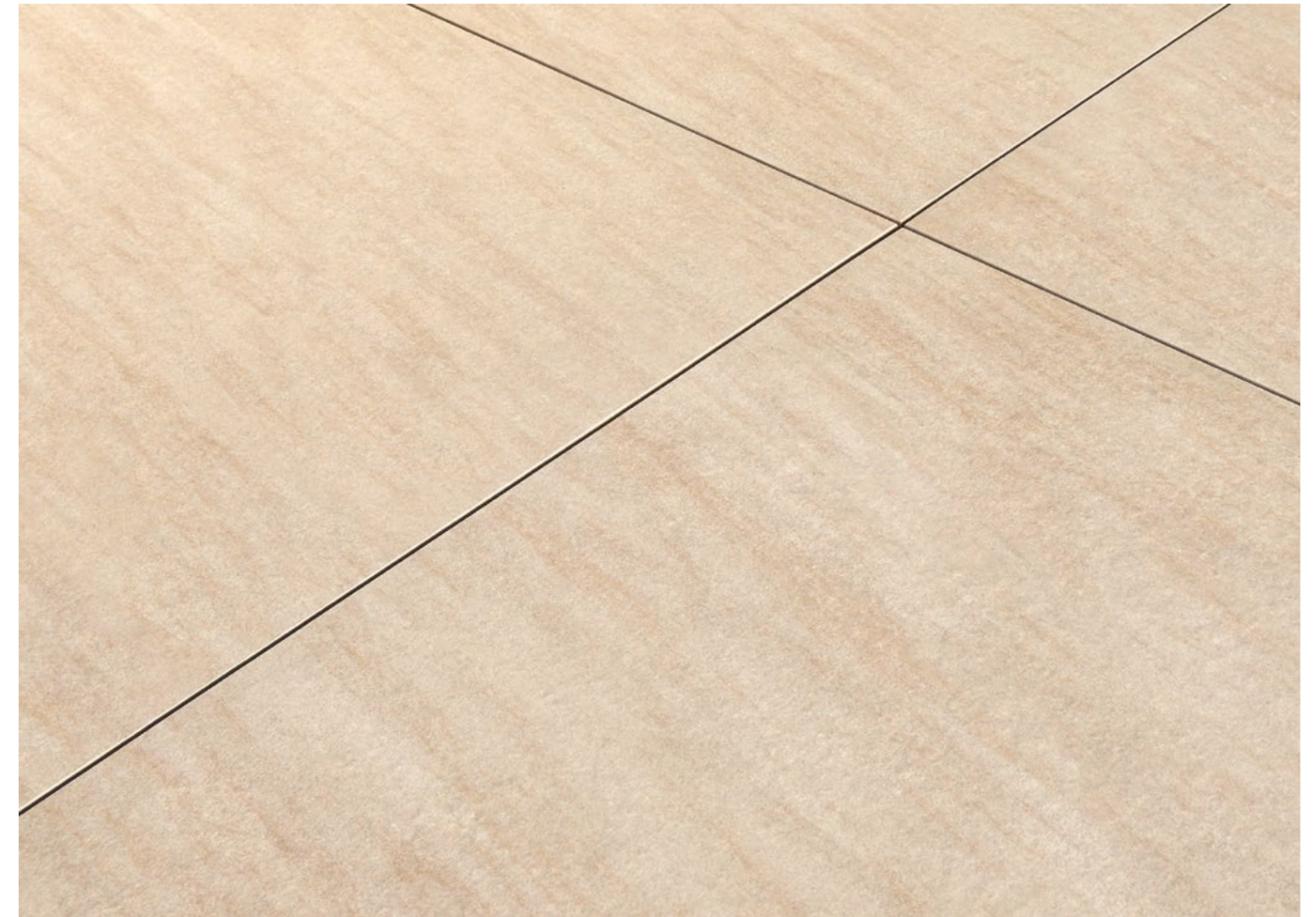
Stop Brackets

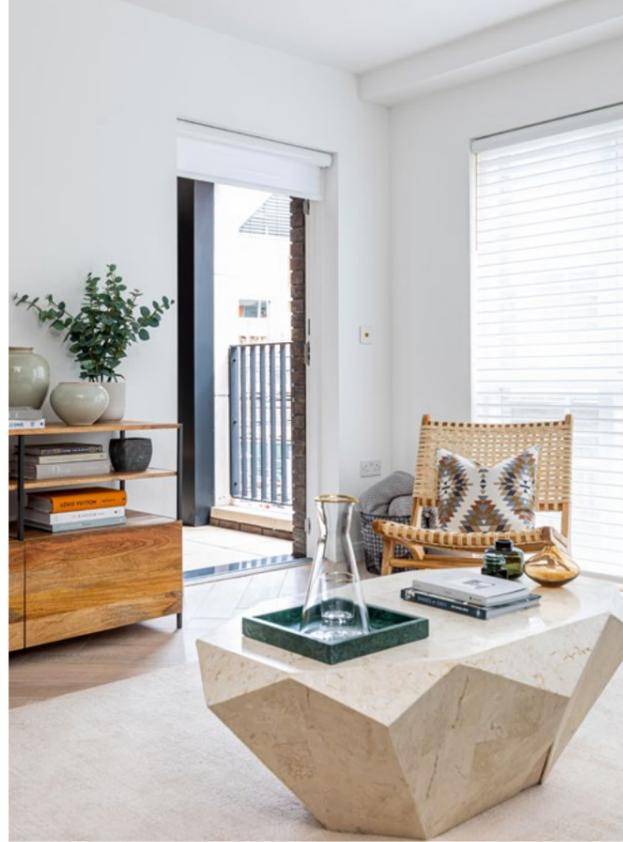
Paving stops hold paving in place to ensure no movement can occur. Fixed into the top rail around the perimeter of the paving area.



Non-combustible separation layer

Placed between balcony steels and balcony membrane, the non-combustible separation layer is used to prevent galvanic corrosion.

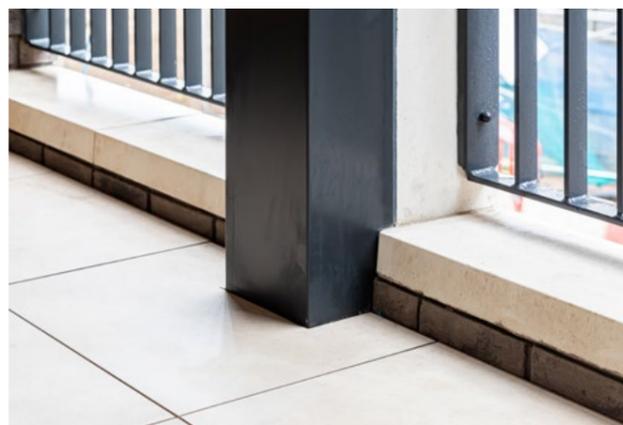




Ravensbury

Tucked away behind Victorian and Edwardian terraces and on the edge of the busy heart of London lies Ravensbury. This development is a curation of timeless, contemporary homes that offer the occupier a peaceful hideaway from city life. Modern and light, these houses provide a state-of-the-art home suitable for any growing family.

Each home is spacious and cheerful, with three bedrooms, a garden, and a garage. But, it is the attention to detail in the brass fittings, herringbone engineered wood flooring, and porcelain tiled bathrooms that really make this development stand out.



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 **BalcaSmart®** range



BalcaSmart®

Aluminium Decking System

Decking system for
metal-frame balconies



BalcaSmart®

Rail Paving System

Premium, versatile paving system
for waterproofed substrates



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