

# Liora

## Smooth Concrete Paving



### Overview

Liora smooth concrete paving elegantly catches the light with each of its finishes to give a stylish and sleek feel to terraces, balconies, and access walkways. These concrete pavers are reminiscent of a terrazzo design with a simple polished look but feel like very fine grit sandpaper. The Liora range offers attractive and unique finishing options to the space.

#### Key Features:

- 5 colours to choose from
- Complies with BS EN 1339:2003
- Non-combustible – A1 rated
- Suitable for high foot traffic areas



### Description

<b>Appearance</b>	Two-part unit with polished surface and integral spacers and straight edges
<b>Manufacturing Process</b>	Semi-dry pressed and vibrated concrete
<b>Base Raw Material</b>	Concrete
<b>Governing Manufacturing Standards</b>	All data where relevant to be established in accordance with BS EN 1339 : 2003

### Physical Properties

<b>Tolerances on Work Dimensions (mm)</b>	Length $\pm 2$ mm, width $\pm 2$ mm, thickness $\pm 3$ mm
<b>Abrasion Resistance (mm)</b>	$\leq 23$ mm (Wide Wheel Abrasion Test)
<b>Durability (Freeze-thaw) <math>\leq</math></b>	$\leq 1.0$ kg/m <sup>2</sup> as a mean with no individual value $> 1.5$ kg/m <sup>2</sup>
<b>Material Density</b>	2300 kg/m <sup>3</sup> (typically)
<b>Slip/Skid Resistance (polished)</b>	Mean polished skid resistance value (PSRV) : $> 45$
<b>Slip/Skid Resistance (unpolished)</b>	Mean unpolished skid resistance value (USRV) : $> 45$ .
<b>Thermal Conductivity (K value)</b>	Design data as defined to BS EN 13369 : 2013

### Specification

<b>Emission of Asbestos</b>	No content
<b>Reaction to fire</b>	A1 and Afl
<b>Breem</b>	These units can achieve an "A" rated system when used in conjunction with the correct sub-base components
<b>Carbon Footprint</b>	40kg CO <sub>2</sub> m <sup>2</sup>

## Size Range

Nominal Dimensions (mm)	Work Dimensions (mm)	Approx. Weight (KG)	Pack Qty	Pack Weight (KG)
<b>300 x 200 x 80</b>	299 x 199 x 80	11	120	1296
<b>400 x 300 x 80</b>	399 x 299 x 80	23	56	1240
<b>600 x 300 x 80</b>	599 x 299 x 80	32	42	1360

## Further Information

<b>Cleaning &amp; Maintenance</b>	Available on request
<b>Efflorescence</b>	Any product containing cement during its early life may exhibit a temporary white discolouration known as efflorescence. This is not a product fault and will gradually disappear with exposure to natural weathering and trafficking.
<b>Weathering</b>	It should be appreciated that with all products weathering and site conditions can cause shade variation to appear across the surface of individual units. This does not in any way affect the performance of the units and any such variation will diminish over a period of time as the product matures.
<b>Product Evolution</b>	The evolution of new product design is continuous, and information is subject to change without notice. Customers should check with the supplier to ensure that they have the latest details. Ryno reserve the right to amend the technical information as deemed necessary and in accordance with the relevant national and international standards without notice.
<b>Chemical Incompatibilities</b>	
<b>Recommended End of Life Disposal</b>	

## Colours



### Charcoal Grey Granite

300 x 200 x 80  
400 x 300 x 80  
600 x 300 x 80



### Light Granite

300 x 200 x 80  
400 x 300 x 80  
600 x 300 x 80



**Mid Grey Granite**

300 x 200 x 80  
400 x 300 x 80  
600 x 300 x 80



**Oatmeal Granite**

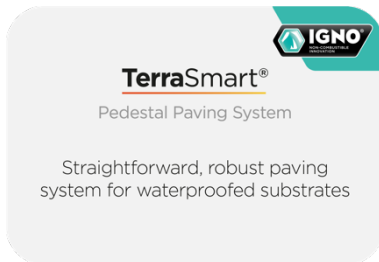
300 x 200 x 80  
400 x 300 x 80  
600 x 300 x 80



**Silver Grey Granite**

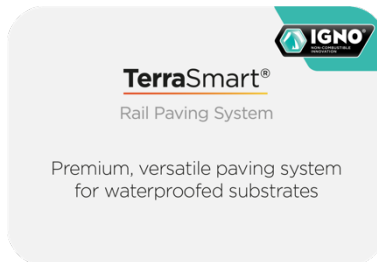
300 x 200 x 80  
400 x 300 x 80  
600 x 300 x 80

**Compatible Systems**



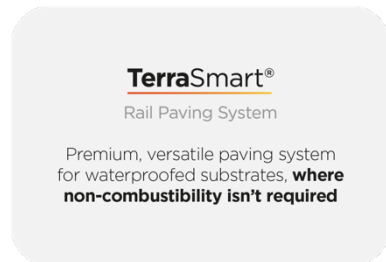
**TerraSmart®**  
Pedestal Paving System

Straightforward, robust paving system for waterproofed substrates



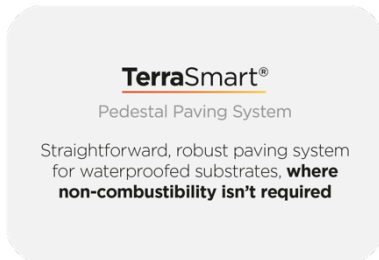
**TerraSmart®**  
Rail Paving System

Premium, versatile paving system for waterproofed substrates



**TerraSmart®**  
Rail Paving System

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



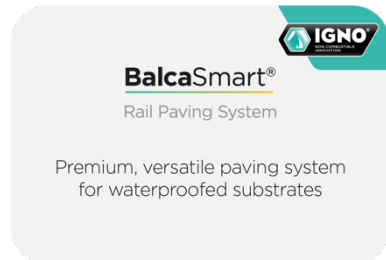
**TerraSmart®**  
Pedestal Paving System

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



**BalcaSmart®**  
Pedestal Paving System

Straightforward, robust paving system for metal-frame balconies



**BalcaSmart®**  
Rail Paving System

Premium, versatile paving system for waterproofed substrates

**Got questions?**

**Speak to one of our expert advisors**

Visit [www.rynogroup.co.uk](http://www.rynogroup.co.uk) or call us today on **+44 (0)203 967 3500** or reach out on [sales@rynogroup.co.uk](mailto:sales@rynogroup.co.uk).