

# PT-C

## Cario Porcelain Paver



### Overview

The Cario Porcelain Paver is a 20mm porcelain tile with featuring neutral limestone colours which give a simple yet natural stone effect to the area. This porcelain slab comes in four designs, making it the perfect choice for your outdoor space. This high-end ceramic paver is durable, low maintenance, and non-porous, making it perfect for functional yet beautiful environments.



- Non-porous, guaranteed frost-resistant
- Protected from staining and fading
- Class A1 fire-rated
- Rigorously slip-tested and certified as low-risk of slip
- CE marked

### Details

<b>Material</b>	Ceramic
<b>Dimensions</b>	600x600x20mm 600x1200x20mm 1200x1200x20mm Bespoke fabrication available
<b>Working dimensions</b>	595x595x20mm 595x1195x20mm 1195x1195x20mm
<b>Weight</b>	44.8kg/m <sup>2</sup>
<b>Light Reflectance Value (LRV)</b>	See "Part information" below
<b>Number of face patterns</b>	See "Part information" below

### Performance

<b>Reaction to fire (BS EN 13501-1)</b>	Inherently A1 (Decision 94-611/EC)
<b>Slip resistance (BS EN 16165)</b>	Classification: Low Slip Potential  Slider 55 (Dry): >36 PTV Slider 55 (Wet): >36 PTV Slider 96 (Dry): >36 PTV Slider 96 (Wet): >36 PTV
<b>Allowable load</b>	See "Compatible system" data below
<b>Breaking strength (ISO 10545-4)</b>	≥10kN

## Part information

Size	Colour	LRV	Number of face patterns (average)	Pack quantity	Pallet quantity
600x600mm	Off White	63	38	2	60
600x600mm	Warm Sand	54	38	2	60
600x600mm	Bright Grey	48	38	2	60
600x600mm	Deep Grey	38	38	2	60
600x1200mm	Off White	63	19	1	35
600x1200mm	Warm Sand	54	19	1	35
600x1200mm	Bright Grey	48	19	1	35
600x1200mm	Deep Grey	38	19	1	35
1200x1200mm	Off White	63	11	1	20
1200x1200mm	Warm Sand	54	11	1	20
1200x1200mm	Bright Grey	48	11	1	20
1200x1200mm	Deep Grey	38	11	1	20

## Finishes

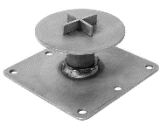













			
Off White	Warm Sand	Bright Grey	Deep Grey

**Please note:** Colour shades may differ between batches. If you need a specific batch to match a previous order for a project, please inform us when placing your order, although availability can't be guaranteed.


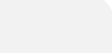

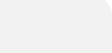


**Got questions? Give us a shout.**

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## Compatible components

	<b>RP-FR</b> Non-Combustible Adjustable Paving Support Pedestal		<b>RPA-FR</b> Non-Combustible Self-levelling Paving Support Pedestal
	<b>RPS-FR</b> Non-Combustible Stackable Paving Support Pad		<b>RP-FR-WU</b> Non-Combustible Wind Uplift Paving Support Pedestal
	<b>RPS</b> Stackable Paving Support Pad		<b>RPA</b> Self-levelling Adjustable Paving Support Pedestal
	<b>RPF</b> Fixed Head Adjustable Paving Support Pedestal		<b>RPF-LH</b> Low-Height Adjustable Paving Support Pad
	<b>RST</b> Aluminium Paving Support Rail		<b>FA</b> Furniture Anchor
	<b>HRSP</b> Self-Adhesive Head Rubber Shock Pad		<b>RHF-WU</b> Rail Wind Uplift Restraint - Hidden Fixing
	<b>ESC</b> Edge Spring Clip		<b>PSR</b> Rail Paving Spacer

## Compatible systems

 <b>TerraSmart®</b> Pedestal Paving System  Straightforward, robust paving system for waterproofed substrates	 <b>TerraSmart®</b> Pedestal Paving System  Straightforward, robust paving system for waterproofed substrates, <b>where non-combustibility isn't required</b>	 <b>TerraSmart®</b> Rail Paving System  Premium, versatile paving system for waterproofed substrates
 <b>TerraSmart®</b> Rail Paving System  Premium, versatile paving system for waterproofed substrates, <b>where non-combustibility isn't required</b>	 <b>BalcaSmart®</b> Rail Paving System  Premium, versatile paving system for metal framed balconies	 <b>BalcaSmart®</b> Pedestal Paving System  Straightforward, robust paving system for metal-frame balconies

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## Annex 1

### Manufacturing tolerances

Detail	Value	Standard
Length and width	$\pm 0.3\%$ / $\pm 1\text{mm}^{(*)}$	ISO 10545-2
Thickness	$\pm 5\%$ / $0.5\text{mm}^{(**)}$	ISO 10545-2
Straightness of sides	$\pm 0.3\%$ / $0.8\text{mm}^{(***)}$	ISO 10545-2
Rectangularity	$\pm 0.3\%$ / $\pm 1.5\text{ mm}$	ISO 10545-2

### Mechanical properties

Detail	Value	Standard
Modulus of rupture	$R \geq 45\text{ N/mm}^2$	ISO 10545-4
Impact resistance, as coefficient of restitution	$\geq 0.55e$	ISO 10545-5

### Thermo-hygrometric properties

Detail	Value	Standard
Coefficient of linear thermal expansion	$\leq 7\text{MK}^{-1}$	ISO 10545-8
Thermal shock resistance	Pass - Resistant	ISO 10545-9
Moisture expansion (in mm/m)	$\leq 0.01\%$ ( $0.1\text{mm/m}$ )	ISO 10545-10
Frost resistance	Pass - Resistant	ISO 10545-12

### Chemical properties

Detail	Value	Standard
Resistance to household chemicals and swimming pool salts	A	ISO 10545-13
Resistance to low concentrations of acids and alkalis	LA	ISO 10545-13
Resistance to high concentrations of acids and alkalis	HA	ISO 10545-13
Resistance to staining, for unglazed tiles	5	ISO 10545-14

### Other properties

Detail	Value	Standard
Water absorption level (in% by mass)	$\leq 0.1\%$	ISO 10545-3

(\*) The permissible deviation, in % or mm, of the average size for each tile (2 or 4 sides) from working dimension.

(\*\*) The permissible deviation, in % or mm, of the average thickness for each tile from working dimension.

(\*\*\*) The maximum permissible deviation from straightness, in % or mm, related to the corresponding working dimension