

## 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<br>600x1200x20mm<br>1200x1200x20mm<br>Bespoke fabrication available |
| <b>Working dimensions</b>            | Caliber 06 (595x595x20mm)<br>Caliber 05 (595x1195x20mm and 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<br><br>Slider 55 (Dry): >36 PTV<br>Slider 55 (Wet): >36 PTV<br>Slider 96 (Dry): >36 PTV<br>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

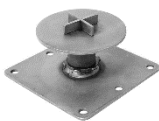
|                                                                                    |                                                                                    |                                                                                     |                                                                                      |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |  |  |
| 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.

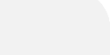
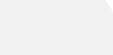
**Got questions? Give us a shout.**

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## Compatible components

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

## Compatible systems

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