

# PT-TS

## Tocco Stone Porcelain Paver



### Overview

Component Summary:

The Tocco Collection: a world of textures and designs from a crafted family of colours. See also: Tocco Concrete, Tocco Core and Tocco Natural.

The Tocco Stone Porcelain Paver is a 20mm porcelain tile with a contemporary, stone design, featuring the discreet stone textures and mineral formations you would expect to find in igneous rock. This porcelain slab comes in a range of shades from the Tocco Collection and is available in various formats, providing unlimited design options to add a natural feel and textured aesthetic to 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
- Wind-uplift ready

### 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 7976)</b>                    | Classification: Low Slip Potential<br>Slider 55 (Dry): >100 PTV<br>Slider 55 (Wet): >61 PTV<br>Slider 96 (Dry): >72 PTV<br>Slider 96 (Wet): >64 PTV |
| <b>Allowable load</b>                                  | See "Compatible system" data below                                                                                                                  |
| <b>Breaking strength (ISO 10545-4)</b>                 | ≥10kN                                                                                                                                               |
| <b>Repeated shock test (installation on pedestals)</b> | QB UPEC F+ compliant                                                                                                                                |

## Part information

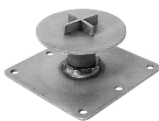
| Size        | Colour      | LRV | Number of face patterns (average) | Pack quantity | Pallet quantity |
|-------------|-------------|-----|-----------------------------------|---------------|-----------------|
| 600x600mm   | Earth Beige | 30  | 31                                | 2             | 60              |
| 600x600mm   | Ash Beige   | 44  | 31                                | 2             | 60              |
| 600x600mm   | Lava Grey   | 30  | 31                                | 2             | 60              |
| 600x600mm   | Fossil Grey | 20  | 31                                | 2             | 60              |
| 600x600mm   | Coal Grey   | 9   | 31                                | 2             | 60              |
| 600x600mm   | Chalk White | 55  | 31                                | 2             | 60              |
| 600x1200mm  | Earth Beige | 30  | 24                                | 1             | 35              |
| 600x1200mm  | Ash Beige   | 44  | 24                                | 1             | 35              |
| 600x1200mm  | Lava Grey   | 30  | 24                                | 1             | 35              |
| 600x1200mm  | Fossil Grey | 20  | 24                                | 1             | 35              |
| 600x1200mm  | Coal Grey   | 9   | 24                                | 1             | 35              |
| 600x1200mm  | Chalk White | 55  | 24                                | 1             | 35              |
| 1200x1200mm | Earth Beige | 30  | 13                                | 1             | 20              |
| 1200x1200mm | Ash Beige   | 44  | 13                                | 1             | 20              |
| 1200x1200mm | Lava Grey   | 30  | 13                                | 1             | 20              |
| 1200x1200mm | Fossil Grey | 20  | 13                                | 1             | 20              |
| 1200x1200mm | Coal Grey   | 9   | 13                                | 1             | 20              |
| 1200x1200mm | Chalk White | 55  | 13                                | 1             | 20              |

## Finishes

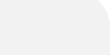
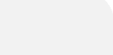
|                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |
| Earth Beige                                                                         | Ash Beige                                                                           | Lava Grey                                                                            | Fossil Grey                                                                           |
|  |  |                                                                                      |                                                                                       |
| Coal Grey                                                                           | Chalk White                                                                         |                                                                                      |                                                                                       |

**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.

## 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 |

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

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

## 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