

## Tegula Priora 240 x 160 x 60



Marshall's market-leading Priora permeable paving has been proven over 10 years of successfully installed projects. Tegula Permeable Paving is a lightly weathered, multi-size, SuDS-compliant surfacing solution, ideal for use in rural, rustic projects. The traditional sizes create a classically British aesthetic that suits civic and residential developments alike. Each unit features the unique, patented Priora nib which ensures that surface water drains straight into the specially prepared sub-base, leaving the paved area clean, safe and puddle-free. The nibs also interlock to enhance surface stability. Tegula Priora is available in 5 different colours and 3 different plan sizes to enable a variety of laying patterns to be created. As long as the sub-base is installed to Marshall's specification, Tegula Priora is suitable for all loading requirements.

| DESCRIPTION                       |                                                                                        |
|-----------------------------------|----------------------------------------------------------------------------------------|
| Appearance                        | Solid unit with integral spacers intended to create 6mm drainage apertures             |
| Manufacturing Process             | Semi dry pressed & vibrated concrete                                                   |
| Base Raw Material                 | Concrete                                                                               |
| Governing Manufacturing Standards | All data where relevant to be established in accordance with BS EN 1338 : 2003         |
| UKCA Marking/DOP                  | <a href="http://www.marshalls.co.uk/declarations">www.marshalls.co.uk/declarations</a> |
| NBS Specification                 | Q24 115                                                                                |



## Tegula Priora 240 x 160 x 60

### PHYSICAL PROPERTIES

|                                    |                                                                                                                                                                                           |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Work Dimensions (mm)               | 240 x 160 x 60                                                                                                                                                                            |
| Nominal Dimensions (mm)            | 240 x 160 x 60                                                                                                                                                                            |
| Tolerances on Work Dimensions (mm) | Length $\pm 2$ mm, width $\pm 2$ mm, thickness $\pm 3$ mm                                                                                                                                 |
| Abrasion Resistance (mm)           | $\leq 23$ mm (Wide Wheel Abrasion Test)                                                                                                                                                   |
| Durability (Freeze-thaw)           | $\leq 1.0$ kg/m <sup>2</sup> as a mean with no individual value $> 1.5$ kg/m <sup>2</sup>                                                                                                 |
| Material Density                   | 2300 kg/m <sup>3</sup> (typically)                                                                                                                                                        |
| Slip/Skid Resistance (polished)    | Mean polished skid resistance value (PSRV) : $> 45$                                                                                                                                       |
| Slip/Skid Resistance (unpolished)  | Mean unpolished skid resistance value (USRV) : $> 45$                                                                                                                                     |
| Thermal Conductivity (K value)     | Design data as defined to BS EN 13369                                                                                                                                                     |
| Tensile Splitting Strength         | Characteristic tensile splitting strength not less than 3.6 MPa. None of the individual results shall be less than 2.9 MPa, nor have a failure load less than 250N/mm of splitting length |

### SPECIFICATION

|                           |                                          |
|---------------------------|------------------------------------------|
| Approx unit weight (kg)   | 5.3                                      |
| Emission of Asbestos      | No content                               |
| External Fire Performance | Deemed to satisfy when used for roofing  |
| Reaction to fire          | Class A1 when used for internal flooring |

### SUSTAINABILITY

|                  |                                                                                                           |
|------------------|-----------------------------------------------------------------------------------------------------------|
| Breeam           | These units can achieve an "A" rated system when used in conjunction with the correct sub-base components |
| Carbon Footprint | 16                                                                                                        |

### APPLICATION

|                        |                                                         |
|------------------------|---------------------------------------------------------|
| Loading Classification | Category 5 - 1 large goods vehicle per week (0.015 msa) |
|------------------------|---------------------------------------------------------|

### SITE WORKS

|          |                          |
|----------|--------------------------|
| Coverage | 17 no per m <sup>2</sup> |
|----------|--------------------------|

### SUPPLY

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Av. Pack Size m2     | 9.68                                                                                      |
| Units Per Pack       | 252                                                                                       |
| Av. pack weight (kg) | 1258                                                                                      |
| Packaging            | All packs are shrinkwrapped onto pallets for fork off-load or crane off-load if necessary |

### FURTHER INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cleaning & Maintenance | Available on request                                                                                                                                                                                                                                                                                                                                                                      |
| Efflorescence          | 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                                                                                                                                                     |
| Weathering             | 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.                                                                                |
| Product Evolution      | 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 Product Evolution Marshall's reserve the right to amend the technical information as deemed necessary and in accordance with the relevant national and international standards without notice |
| Contact Us             | For technical information on the design, specification and construction when utilising the product, contact Group Technical Services on 0370 411 2233                                                                                                                                                                                                                                     |

