

## Richmond® Paving 450 x 450 x 32mm



Richmond® utility paving offers a hard-wearing and effective solution when a basic paver is all that is required. The smooth finish of Richmond® gives a more clean and modern finish.

Not suitable as a decorative patio, ideal for greenhouse or shed bases and utility areas. See Marshall's full range of paving for a more decorative alternative.

For the perfect edging, why not use the hardwearing and functional Round Top Edging.

### DESCRIPTION

|                                   |                                                                                |
|-----------------------------------|--------------------------------------------------------------------------------|
| Manufacturing Process             | Hydraulically pressed concrete                                                 |
| Base Raw Material                 | Concrete                                                                       |
| Governing Manufacturing Standards | All data where relevant to be established in accordance with BS EN 1339 : 2003 |
| UKCA Marking/DOP                  | <a href="http://www.marshalls.co.uk/dop">www.marshalls.co.uk/dop</a>           |



## Richmond® Paving 450 x 450 x 32mm

### PHYSICAL PROPERTIES

|                                    |                                                                                        |
|------------------------------------|----------------------------------------------------------------------------------------|
| Work Dimensions (mm)               | 448 x 448 x 32                                                                         |
| Nominal Dimensions (mm)            | 450 x 450 x 32                                                                         |
| Abrasion Resistance (mm)           | ≤ 23mm (Wide Wheel Abrasion Test)                                                      |
| Material Density                   | 2300 kg/m <sup>3</sup> (typically)                                                     |
| Slip/Skid Resistance (polished)    | PSRV > 45                                                                              |
| Slip/Skid Resistance (unpolished)  | USRV > 45                                                                              |
| Transverse/Flexural Split/Breaking | Characteristic bending strength of 3.5 MPa with no individual result less than 2.8 MPa |

### SPECIFICATION

|                           |                                                                                                                                    |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Approx unit weight (kg)   | 17                                                                                                                                 |
| 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                                                                                           |
| Installation              | Available on request. Keep all units dry before laying & protect incomplete workings during adverse weather or freezing conditions |

### SUSTAINABILITY

|                  |   |
|------------------|---|
| Carbon Footprint | 8 |
|------------------|---|

### SUPPLY

|                              |      |
|------------------------------|------|
| Av. Pack Size m <sup>2</sup> | 12.8 |
| Av. pack weight (kg)         | 972  |

### 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      | 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                                                                                                                                                      |

