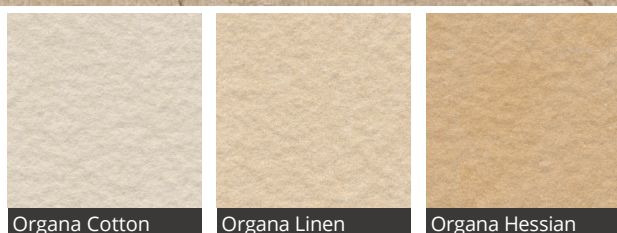


## Organa 450 x 450 x 70

Date Created: 07/02/19



Designed to deliver durable, long-lasting performance and a pleasing aesthetic to any application, Organa Paving is a premium paving option, suitable for both pedestrian and trafficking applications.

Utilising innovative surface technology, the manufacturing of Organa Paving stones provides a leathered effect finish and an enhanced colour that is inspired by nature. High-quality aggregates mean the robust stones are suitable for both pedestrian and trafficked areas.

Available in three neutral tones – Cotton, Linen and Hessian – this premium paving option has a leathered effect finish on a riven surface, and rounded edges.

Organa Paving is sold in two thicknesses - 50mm and 70mm, depending on the requirements of the scheme. It also comes in two plan sizes, 450x450mm and 600x600mm allowing flexibility based on the needs of the build.

### DESCRIPTION

|                                   |   |
|-----------------------------------|---|
| Appearance                        | Solid unit with textured riven effect surface                                   |
| Manufacturing Process             | Hydraulically pressed concrete  |
| Base Raw Material                 | Pigmented & unpigmented concrete utilising specially selected aggregates        |
| Governing Manufacturing Standards | All data where relevant to be established in accordance with BS EN 1339 : 2003  |
| CE Marking/DOP                    | <a href="https://www.marshall's.co.uk/dop">https://www.marshall's.co.uk/dop</a> |
| NBS Specification                 | Q25 315   |



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## PHYSICAL PROPERTIES

|                                    |   |              |
|------------------------------------|---|--------------|
| Tolerances                         | Minimum (mm)  | Maximum (mm) |
| Length                             | 446   | 450          |
| Width                              | 446   | 450          |
| Thickness                          | 67  | 73           |
| Work Dimensions (mm)               | 448 x 448 x 70  |              |
| Nominal Dimensions (mm)            | 450 x 450 x 70  |              |
| 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 : 2013  |              |

## SPECIFICATION

|                           |   |
|---------------------------|---|
| Approx unit weight (kg)   | 34  |
| Emission of Asbestos      | No content  |
| External Fire Performance | Deemed to satisfy. See commission decision 2000/553/ECU |
| Reaction to fire          | Class A1, see commission decision 2000/605/EC           |

## SUSTAINABILITY

|                  |   |
|------------------|---|
| Breem            | These units can achieve an "A" rated system when used in conjunction with the correct sub-base components |
| Carbon Footprint | 25 kg CO <sub>2</sub> m <sup>2</sup>  |

## APPLICATION

|                        |  |
|------------------------|--|
| Loading Classification | Category 6 - 10 large goods vehicles per week (0.15 msa) |
|------------------------|--|

## SITE WORKS

|          |                           |
|----------|---------------------------|
| Coverage | 4.9 no per m <sup>2</sup> |
|----------|---------------------------|

## SUPPLY

|                                 |  |
|---------------------------------|--|
| Av. pack size (m <sup>2</sup> ) | 5.7  |
| Units Per Pack                  | 28   |
| Av. pack weight (kg)            | 930  |
| Packaging                       | All packs are suitable for crane off-load<br>Fork lift off-load on request |

## FURTHER INFORMATION

|                        |  |
|------------------------|--|
| Cleaning & Maintenance | Cleaning & maintenance details are 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. 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 the Technical Advisory Services Department on 0370 411 2233  |