Marshalls
Creating Better Spaces

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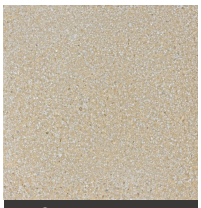
# Perfecta 600 x 600 x 63

Date Created: 07/02/19



Perfecta Paving - Natural



Perfecta Paving - Buff

Blended with a hard Yorkstone aggregate, Marshalls Perfecta Smooth Ground Flag Paving combines fantastic aesthetics and outstanding technical performance to act as a cost-effective alternative to premium natural Yorkstone.

The paving provides the warm, rich colour and character of natural Yorkstone, as well as durability and both wet and dry non-slip qualities at an affordable price.

Additionally, Perfecta is extremely versatile and is available in a comprehensive range of thicknesses and plan sizes, from 400 x 400m to 600 x 600mm. It is also available with chamfered edges, which reduce the risk of spalling.

Marshalls' Perfecta range comes in Trafica formats and versions of the product that feature Fibre Reinforcement for increased toughness and resistance to impact and overloading, which means it is suitable for the majority of variable loading applications.

| DESCRIPTION | |
|---|---|
| Appearance | Solid unit with smooth surface |
| 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 |
| CE Marking/DOP | https://www.marshalls.co.uk/dop |
| NBS Specification | Q25 315 |

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## PHYSICAL PROPERTIES

| Tolerances | Minimum (mm) | Maximum (mm) |
|---|---|---|
| Length | 596 | 600 |
| Width | 596 | 600 |
| Thickness | 60 | 66 |
| Work Dimensions (mm) | 598 x 598 x 63 | |
| Nominal Dimensions (mm) | 600 x 600 x 63 | |
| Tolerances on Work Dimensions (mm) | Length ±2mm, width ±2mm, thickness ±3mm | |
| Abrasion Resistance (mm) | ≤ 23mm (Wide Wheel Abrasion Test) | |
| Durability (Freeze-thaw) | ≤ 1.0 kg/m² as a mean with no individual value > 1.5 kg/m² | |
| Material Density | 2300 kg/m³ (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) | 53 |
| 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

| | |
|---|---|
| Breeam | These units can achieve an "A" rated system when used in conjunction with the correct sub-base components |
| Carbon Footprint | 26 kg CO2 m² |

## APPLICATION

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

## SITE WORKS

| | |
|---|---|
| Coverage | 2.8 no per m² |

## SUPPLY

| | |
|---|---|
| Av. pack size (m2) | 5.8 |
| Units Per Pack | 16 |
| Av. pack weight (kg) | 850 |
| Packaging | All packs are suitable for crane off-load 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. Marshalls 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 |

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