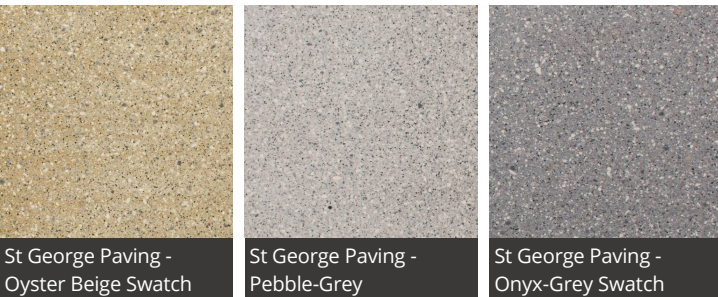


St George 400 x 400 x 50

Date Created: 03/08/18



St George Paving - Oyster Beige Swatch

St George Paving - Pebble-Grey

St George Paving - Onyx-Grey Swatch

A durable and long lasting solution first developed for installation on the London Underground, St George Paving makes use of a distinctive mix of aggregates to create a hard-wearing yet smooth surface ground finish.

Precision engineered to offer tighter tolerances for ease of installation, no secondary processing is required on site, offering improved site health and safety. St George Paving is suitable for both internal and external use, making it for the perfect option for railway stations and retail complexes where its smooth finish provides ease of cleaning.

The product is UK sourced and manufactured and available in a range of plan sizes and three colour options of Oyster Beige, Pebble Grey and Onyx Grey. Each is a neutral shade that blends well and complements a variety of environments.

DESCRIPTION	
Appearance	Solid unit with smooth ground 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



St George 400 x 400 x 50

Date Created: 03/08/18

PHYSICAL PROPERTIES

Tolerances	Minimum (mm)	Maximum (mm)
Length	396	400
Width	396	400
Thickness	47	53
Work Dimensions (mm)	398 x 398 x 50	
Nominal Dimensions (mm)	400 x 400 x 50	
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/m ² as a mean with no individual value > 1.5 kg/m ²	
Material Density	2300 kg/m ³ (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	
Transverse/FlexuralSplit/Breaking	Characteristic bending strength of 4.0 MPa with no individual result less than 3.2 MPa	

SPECIFICATION

Approx unit weight (kg)	19
Emission of Asbestos	No content
External Fire Performance	Deemed to satisfy. See commission decision 2000/553/EU
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	24 kg CO ₂ m ²

APPLICATION

Suitability	Laid in accordance with BS 7533-4 : 2006
-------------	--

SITE WORKS

Coverage	6.25 no per m ²
----------	----------------------------

SUPPLY

Av. pack size (m ²)	6.4
Units Per Pack	40
Av. pack weight (kg)	755
Packaging	All packs are suitable for crane off-load. Fork lift off-load on request

FURTHER INFORMATION

Cleaning & Maintenance Information regarding the cleaning & maintenance of this product may be obtained 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

