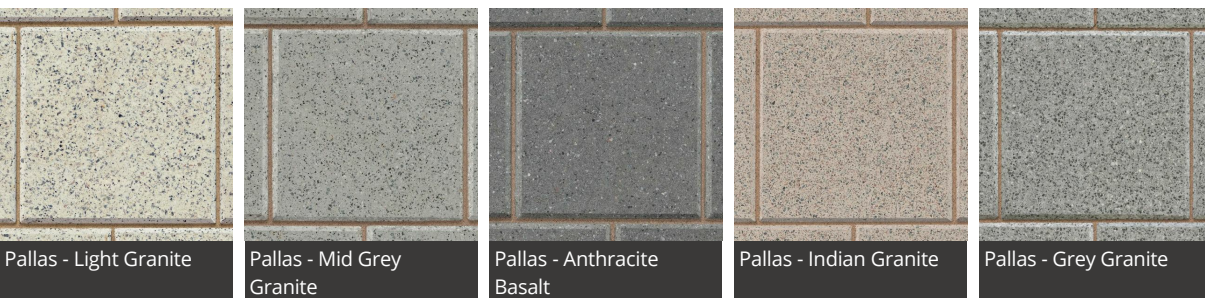


## Pallas 300 x 200 x 80

Date Created: 03/08/18



Pallas - Light Granite

Pallas - Mid Grey Granite

Pallas - Anthracite Basalt

Pallas - Indian Granite

Pallas - Grey Granite

\*Natural products are manufactured from aggregates sourced locally to the works and contain no pigmentation, therefore colour variation between products from different works is possible.

This premium Pallas range offers a high-quality combined concrete block and paving collection, created through Marshalls' partnership with Stein + Design.

Available in a range of vibrant colours with an extensive choice of block and flag sizes, there's scope to create a truly bespoke scheme, with a highly polished surface texture for a sophisticated finish. A large range of integrating plan sizes, from 200 x 200mm to 600 x 300mm, means tailoring to specific area requirements can be easily achieved.

Created using the latest face mix technology, the Pallas range can accent contemporary architecture and enhance landscapes with a modern feel. It is available in multiple finishes, from Light and Mid Grey Granite to Anthracite Basalt.

This high-quality combined concrete paving range is the ideal choice for pedestrianised public spaces such as retail parks, but it's also suitable for occasional overrun by HGVs and other loading requirements.

DESCRIPTION									
Appearance	Two part unit with smooth surface, integral spacer and chamfer								
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								
CE Marking/DOP	<a href="https://www.marshalls.co.uk/dop">https://www.marshalls.co.uk/dop</a>								
NBS Specification	<table border="0"> <tr> <td>Q24 10</td> <td>Q24 110</td> </tr> <tr> <td>Q24 112</td> <td>Q24 113</td> </tr> <tr> <td>Q25 120</td> <td>Q25 125</td> </tr> <tr> <td>Q25 220</td> <td>Q25 315</td> </tr> </table>	Q24 10	Q24 110	Q24 112	Q24 113	Q25 120	Q25 125	Q25 220	Q25 315
Q24 10	Q24 110								
Q24 112	Q24 113								
Q25 120	Q25 125								
Q25 220	Q25 315								



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### PHYSICAL PROPERTIES

Tolerances	Minimum (mm)	Maximum (mm)
Length	297	301
Width	197	201
Thickness	77	83
Work Dimensions (mm)	299 x 199 x 80	
Nominal Dimensions (mm)	300 x 200 x 60	
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 <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	
Facing Layer	4mm minimum thickness	

### SPECIFICATION

Approx unit weight (kg)	10.5
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	40 kg CO <sub>2</sub> m <sup>2</sup>

### SITE WORKS

Coverage	17 no per m <sup>2</sup>
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### SUPPLY

Av. pack size (m <sup>2</sup> )	7.6
Av. pack weight (kg)	1353
Packaging	All packs are shrinkwrapped onto pallets for fork off-load or crane off-load if necessary

### APPLICATION

Suitability	For any given application, any resulting soiling (whether vehicular or pedestrian origin) will be more apparent on Light Granite than any darker shades and alternative colours, so careful consideration should be given when selecting colour in relation to application. Therefore, consideration should be given to any possible additional maintenance requirements, to ensure a desirable and acceptable appearance is provided. Laid in accordance with BS 7533-3 : 2005 + A1 : 2009. Suitable for pedestrian traffic, motor cars & occasional overrun by LGV's.
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### 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	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. 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



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## FURTHER INFORMATION

### 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

