

## Tegula 160 x 160 x 80

Date Created: 07/02/19



\*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.

Marshall's Tegula Concrete Sett Paving is the original multi-size, lightly weathered paving system. With aesthetics echoing those of natural stone setts, it offers versatility to complement both conservation projects or enhance distinctive showpiece schemes.

A variety of laying patterns can be achieved using different combinations of block sizes. Ideal for use in rustic, rural developments, Tegula is suitable for any loading application in civil, retail, commercial and residential streetscapes.

DESCRIPTION	
Appearance	Solid unit with a distressed surface and integral spacers
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	Q24 10      Q24 110 Q24 112      Q24 113

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## PHYSICAL PROPERTIES

Tolerances	Minimum (mm)	Maximum (mm)
Length	158	162
Width	158	162
Thickness	77	83
Work Dimensions (mm)	160 x 160 x 80	
Nominal Dimensions (mm)	160 x 160 x 80	
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 in BS EN 13369 : 2013	
Tensile Splitting Strength	Characteristic tensile splitting strength not less than 3.6 MPa. None of the individual results shall be less than 2.9 MPa, nor have a failure load less than 250N/mm of splitting length	

## SPECIFICATION

Approx unit weight (kg)	4.7
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	22 kg CO <sub>2</sub> m <sup>2</sup>

## APPLICATION

Loading Classification	Category 6 - 10 large goods vehicles per week (0.15 msa)
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## SITE WORKS

Coverage	39 no per m <sup>2</sup>
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## SUPPLY

Av. pack size (m <sup>2</sup> )	6.9
Av. pack weight (kg)	1277
Packaging	All packs are shrinkwrapped onto pallets for fork off-load or crane off-load if necessary

## 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	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
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