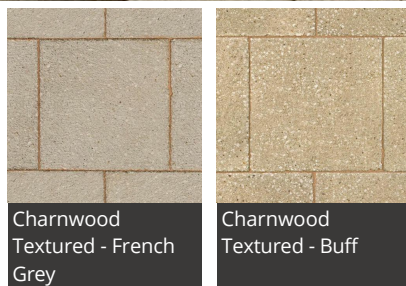


Charnwood 450 x 450 x 50

Date Created: 07/02/19



The Charnwood Textured Flag Paving range incorporates both modernity and durability in its design.

The use of larger-size aggregates adds definition to its surface texture finish, allowing for the creation of a unique paving scheme. This manufacturing process delivers a contemporary look to urban environments, without compromising on strength or durability, making it the perfect choice for pedestrian-heavy areas.

A more economical alternative to Conservation paving without sacrificing style or quality, its subtle colour palette of Buff and French Grey allows installations to blend well with a range of modern environments. Charnwood Kerb is also available to enhance final projects by ensuring consistent colourways.

DESCRIPTION	
Appearance	Solid unit with textured 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	446	450
Width	446	450
Thickness	47	53
Work Dimensions (mm)	448 x 448 x 50	
Nominal Dimensions (mm)	450 x 450 x 50	
Tolerances on Work Dimensions (mm)	Length ± 2 mm, width ± 2 mm, thickness ± 3 mm	
Abrasion Resistance (mm)	≤ 23 mm (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	

SPECIFICATION

Approx unit weight (kg)	23
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	14 kg CO ₂ m ²

APPLICATION

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

Coverage	4.9 no per m ²
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SUPPLY

Av. pack size (m ²)	8.1
Units Per Pack	40
Av. pack weight (kg)	920
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. 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