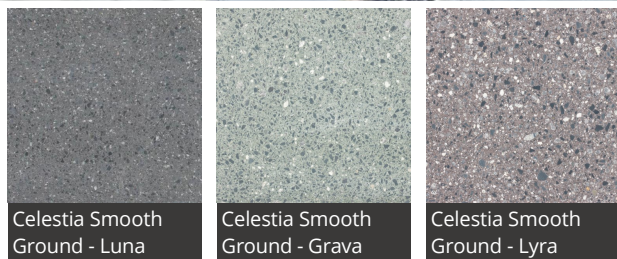


Celestia Smooth 600 x 600 x 50

Date Created: 07/02/19



Celestia Smooth
Ground - Luna

Celestia Smooth
Ground - Grava

Celestia Smooth
Ground - Lyra

For contemporary design and visual impact, Marshalls' Celestia paving is a high-performance, high-quality product that can complement any modern development.

This linear paving is available in four carefully balanced colours on the grey/green/blue spectrum – choose between Nebula, Luna, Grava and Lyra.

Celestia paving is manufactured using the highest-quality granite aggregates and is ideal for use where designers are striving to create distinctive, contemporary outdoor spaces with hard-wearing chamfered edges.

Available in plan thickness of 50mm or 63mm, Celestia's elongated proportions ensure it can work well to create an eye-catching centrepiece or perform a subtle role as part of a bigger, more involved outdoor design.

DESCRIPTION	
Appearance	Solid unit with smooth surface
Manufacturing Process	Hydraulically pressed concrete
Base Raw Material	Pigmented & unpigmented concrete utilising specially selected aggregates
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 31 Q25 315



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PHYSICAL PROPERTIES

Tolerances	Minimum (mm)	Maximum (mm)
Length	596	600
Width	596	600
Thickness	47	53
Work Dimensions (mm)	598 x 598 x 50	
Nominal Dimensions (mm)	600 x 600 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	

SPECIFICATION

Approx unit weight (kg)	42.5
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	25 kg CO2 m ²

APPLICATION

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

Coverage	2.8 no per m ²
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SUPPLY

Av. pack size (m ²)	7.2
Units Per Pack	20
Av. pack weight (kg)	855
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

