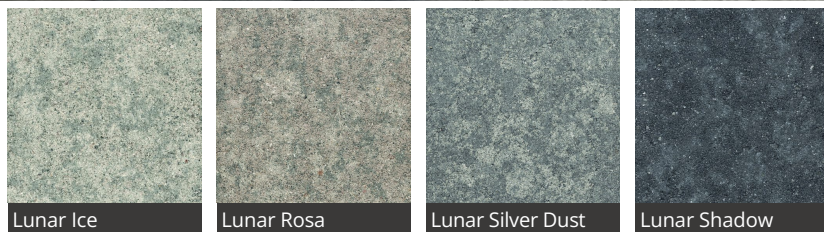


# Lunar 400 x 200 x 80

Date Created: 12/01/23



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.

Lunar is an innovative, contemporary addition to our established concrete paving portfolio, available in a carefully curated range of four colours and five sizes. Developed with UK designers, our unique granite-inspired blends are brought to life through a patented colour application - creating a multi-hued, subtle and elegant aesthetic. Lunar block pavers are available in a smooth finish with pencil chamfered edges, creating a modern yet timeless classic look, perfect for both pedestrianised and trafficked areas.

DESCRIPTION	
Appearance	Solid unit with smooth surface
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 1339 : 2003
UKCA Marking/DOP	<a href="https://www.marshalls.co.uk/declarations">https://www.marshalls.co.uk/declarations</a>
NBS Specification	Q24 10,Q24 110,Q24 112,Q24 113,Q25 120,Q25 125,Q25 220,Q25 315

# Lunar 400 x 200 x 80

Date Created: 12/01/23

## PHYSICAL PROPERTIES

Work Dimensions (mm)	399 x 199 x 80
Nominal Dimensions (mm)	400 x 200 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 to BS EN 13369 : 2013
Transverse/FlexuralSplit/Breaking	Characteristic bending strength of 5.0 MPa with no individual result less than 4.0 MPa

## SPECIFICATION

Approx unit weight (kg)	15
External Fire Performance	Deemed to satisfy when used for roofing
Reaction to fire	Class A1 when used for internal flooring
Materials Control	UKCA Marked to BS EN 1338 : 2003 and 1339 : 2003

## SUSTAINABILITY

Breeam	These units can achieve an "A" rated system when used in conjunction with the correct sub-base components
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## APPLICATION

Suitability	For any given application, any resulting soiling (whether vehicular or pedestrian origin) will be more apparent on the Ice and Rosa colours 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.
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## SITE WORKS

Coverage (m2)	13 no per m <sup>2</sup>
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## SUPPLY

Pack Size (m2)	8.64
Units Per Pack	108
Av. pack weight (kg)	1620

## FURTHER INFORMATION

Cleaning & Maintenance	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	Marshalls 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 Group Technical Services on 0370 411 2233