

# Atlas Textured 80 200x100



Atlas is an engineered concrete block that delivers a stone aesthetic inspired by Chinese and Portuguese granites, while maintaining the strength and reliability needed for long-lasting performance. Featuring a textured surface, a choice of sizes, and two depth options, Atlas offers design versatility for a wide range of commercial projects.

Priora® permeable formats are available in selected sizes, providing flexibility without compromising visual impact. Atlas includes CarbonStep® which reduces carbon within the product mix itself and SurfaceLock®, our advanced surface durability technology, engineered to lock out the elements, with the added advantage of a reinforced base layer designed for superior strength.

DESCRIPTION	
Appearance	Solid Unit with a Textured Finish incorporating Marshall's SurfaceLock
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 (Block)
UKCA Marking/DOP	<a href="http://www.marshalls.co.uk/declarations">www.marshalls.co.uk/declarations</a>
NBS Specification	Q24/113, Q24/112, Q1/322, Q24/110, Q24/10



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## PHYSICAL PROPERTIES

Work Dimensions (mm)	198 x 98 x 80
Nominal Dimensions (mm)	200 x 100 x 80
Tolerances on Work Dimensions (mm)	Length $\pm 2$ mm, width $\pm 2$ mm, thickness $\pm 3$ mm
Abrasion Resistance (mm)	$\leq 23$ mm (Wide Wheel Abrasion Test)
Durability (Freeze-thaw)	$\leq 1.0$ kg/m <sup>2</sup> as a mean with no individual value $> 1.5$ kg/m <sup>2</sup>
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
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)	3.6
Emission of Asbestos	No content
External Fire Performance	Deemed to satisfy when used for roofing
Installation	Laid in accordance with BS 7533-102:2025

## SUSTAINABILITY

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

Coverage	50 no per m <sup>2</sup>
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## SUPPLY

Av. Pack Size m <sup>2</sup>	8.62
Units Per Pack	432
Av. pack weight (kg)	1555

## 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	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 Group Technical Services on 0333 220 2740

