

Priora Pencil Edge 200 x 100 x 80

Date Created: 03/08/22



Pencil Edge Priora - Natural Pencil Edge Priora - Charcoal Pencil Edge Priora - Buff Pencil Edge Priora - Brindle

Priora is Marshalls original Concrete Block Permeable Paving (CBPP) system, and the best-selling system of its type in the UK. Combining the ever-popular aesthetics of Keyblok block paving with a source-control SuDS solution, Priora paving not only looks great but also mitigates flood risk, removes surface water, and improves water quality without the need for additional linear drainage systems.

Manufactured in Mainland Britain, the Priora system from Marshalls has been proven for over 15 years of successfully installed projects. The innovative nib on the edge of the Priora blocks creates voids for the water to fall into a specially prepared sub-base. The block design also provides 40% more interlock than standard block paving, helping to enhance surface stability. A variety of laying patterns can be achieved using the 200x100 blocks, and as long as the sub-base is installed to Marshalls specification, Priora is suitable for all loading requirements.

There are different surface profiles available, each with their own properties to suit your requirements; these include Standard, Pencil Edge, and Colourtop. Standard Priora has chamfered edges to minimise spalling and create a classical aesthetic. Pencil Edge Priora minimises the chamfer to provide a smoother, flatter surface, which helps to minimise

DESCRIPTION	
Appearance	Solid unit with integral spacers intended to create 6mm drainage apertures
Governing Manufacturing Standards	All data where relevant to be established in accordance with BS EN 1338 : 2003
Type	Solid permeable unit with integral spacers
UKCA Marking/DOP	https://www.marshalls.co.uk/declarations
NBS Specification	Q24 110,Q24 112,Q24 10,Q24 113

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vibration and surface noise from the wheeled traffic that uses it, making it an ideal paving product for car parks and cycleways. Colourtop Priora is perfect for delineation between parking bays and road lanes, as well as for permanent floor signage.

- Manufactured in Mainland Britain.
- Part of UK's best-selling permeable block paving range.
- 40% more interlock than standard blocks.
- Also available in a non-permeable option.

PHYSICAL PROPERTIES

Work Dimensions (mm)	199 x 99 x 80
Nominal Dimensions (mm)	200 x 100 x 80
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
Slip/Skid Resistance (polished)	PSRV > 45
Slip/Skid Resistance (unpolished)	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)	3.5
External Fire Performance	Deemed to satisfy when used for roofing
Reaction to fire	Class A1 when used for internal flooring

SUSTAINABILITY

Breem	These units can achieve an "A" rated system when used in conjunction with the correct sub-base components
Carbon Footprint	20 kg CO ₂ m ²

APPLICATION

Loading Classification	Marshalls Priora Design Category 10: 1000 HGVs per week or 15 msa. This is subject to using the appropriate installation method, bond pattern and sub base design.
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SUPPLY

Pack size (m ²)	6.2
Av. pack weight (kg)	1040
Packaging	All packs are shrinkwrapped onto pallets for fork off-load or crane off-load if necessary

FURTHER INFORMATION

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
Contact Us	For technical information on the design, specification and construction when utilising the product, contact Group Technical Services on 0370 411 2233