

## Conservation X Piora 240 x 160 x 80



Conservation X Piora Block offers excellent drainage without the need for drainage channels coupled with a striking, contemporary surface option using a blend and mix of natural crystalline aggregates to achieve a granite-look finish. Available in Charcoal and Silver Grey from our Mistral Piora range, and the new Cream.

Marshalls' market-leading Piora system has been proven over 15 years of successfully installed projects. The patented nib on the edge of the blocks creates voids through which water falls into a specially prepared sub-base. The nibs interlock to enhance surface stability, with tests showing they provide 40% more interlock than our standard block. The result is maximum structural integrity as well as unsurpassed SuDS performance. Provided the sub-base is installed to Marshalls' specification, Conservation X Piora Block is suitable for all loading requirements. This means specifying Marshalls Piora blocks will bring long-term benefits in relation to pavement longevity and maintenance requirements.

To achieve your full-scheme design; see the full Conservation X range [here](#).

DESCRIPTION	
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
NBS Specification	Q24 115



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## PHYSICAL PROPERTIES

Work Dimensions (mm)	240 x 160 x 80
Nominal Dimensions (mm)	240 x 160 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>
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
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)	7
Emission of Asbestos	No content
External Fire Performance	Deemed to satisfy when used for roofing
Reaction to fire	Class A1 when used for internal flooring

## SUSTAINABILITY

Breeam	These units can achieve an "A" rated system when used in conjunction with the correct sub-base components
Carbon Footprint	34

## APPLICATION

Loading Classification	If you require information or guidance regarding loading classifications. You can reach us by calling 0370 411 2233. Alternatively, you can email us at <a href="mailto:grouptechnicalservices@marshalls.co.uk">grouptechnicalservices@marshalls.co.uk</a>
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## SUPPLY

Av. Pack Size m2	6.45
Av. pack weight (kg)	1196
Packaging	All packs are shrinkwrapped onto pallets for fork off-load or crane off-load if necessary

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

