

Modal X Piora Textured 160x160x80



The Modal X priora range is available in eight colours, two finishes, seven plan sizes and two depths including three complementary sett sizes featuring a textured riven surface.

Marshall's market-leading Piora system with the innovative nibs on its edges, each flag allows water to drain into the joints and into a specially prepared sub-base. Water then filters into the ground, or undergoes a controlled release into a designated drain, reducing the need for point drainage solutions. The edge of each paving flag allows each unit to be laid in any direction or orientation while still achieving 40% more interlock than standard paving, the end result is a design-leading, dry surface made even safer for pedestrians with its exposed aggregate surface creating a skid and slip resistance.

Modal X priora gives specifiers higher levels of flexibility when creating landscape designs in mixed-use spaces.

Suitable for both pedestrianised and high-traffic areas. This includes the captivating new pink granite, along with favourites like silver grey and light granite to provide an extensive breadth of choice for contemporary, beautiful designs for all multi-use areas.

DESCRIPTION	
Appearance	Solid Unit with a smooth surface and intergral spacers with Maxi-Mix Technology 4mm Facing layer
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
UKCA Marking/DOP	www.marshalls.co.uk/declarations



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PHYSICAL PROPERTIES

Work Dimensions (mm)	159 x 159 x 80
Nominal Dimensions (mm)	160 x 160 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
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
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)	5
Emission of Asbestos	No content
External Fire Performance	Deemed to satisfy when used for roofing
Reaction to fire	Class A, see commission decision 200/553/ECU
Installation	Laid in accordance with BS EN 7533-3:2005+A1:2009

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	39.1 no per m ²
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SUPPLY

Av. Pack Size m2	6.6
Units Per Pack	258
Av. pack weight (kg)	1148

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 0370 411 2233

