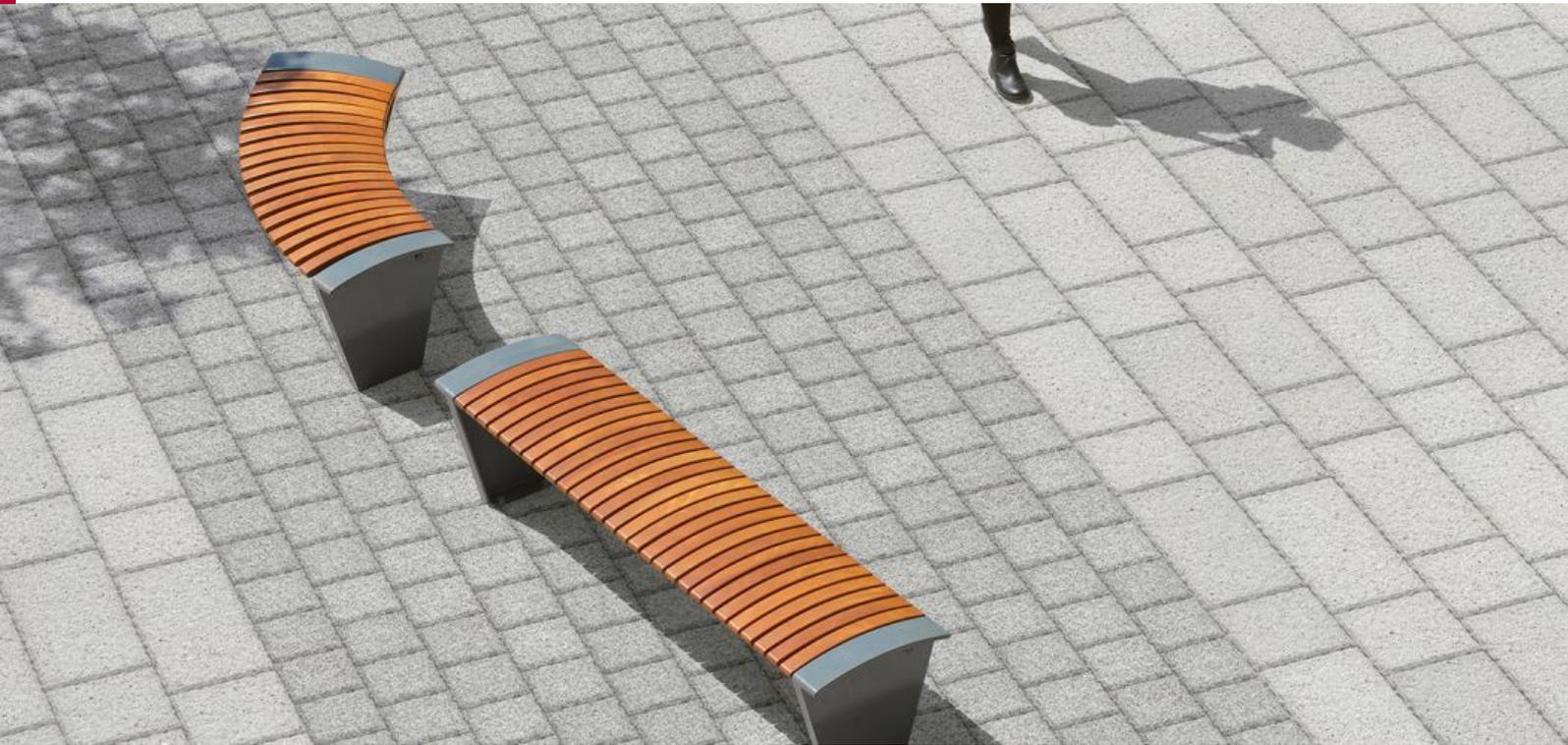


Myriad Piora 300 x 200 x 80

Date Created: 07/02/19



*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.

Marshalls' most creative paving option, the Myriad Piora Permeable Block paving system combines outstanding SuDS drainage performance with the ability to design bespoke aesthetic projects. Stones in complementary colours can be mixed and matched to create the desired effect, with a strikingly textured surface exposing aggregates in the face that catch the light and add visual appeal. Patented Piora nibs in each block ensure full interlocking for maximum strength, regardless of the combination of units or laying orientation, giving designers more creative freedom. Tests have also shown that Piora nibs provide 40% more interlock than standard blocks, aiding longevity and reducing maintenance requirements. Multi-size options mean that Myriad paving stones can take the heaviest loads on the road, making it the perfect option for both pedestrian and heavily trafficked areas. Myriad Permeable Paving is available in a range of 4 complementary colours - Moonlight, Morning Light, Twilight and Midnight.

DESCRIPTION

Appearance	Two part unit with textured surface and integral spacers intended to create 6mm drainage apertures
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
CE Marking/DOP	https://www.marshalls.co.uk/dop
NBS Specification	Q24 115



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PHYSICAL PROPERTIES

Tolerances	Minimum (mm)	Maximum (mm)
Length	298	302
Width	198	202
Thickness	77	83
Work Dimensions (mm)	300 x 200 x 80	
Nominal Dimensions (mm)	300 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 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

Emission of Asbestos	No content
External Fire Performance	Deemed to satisfy. See commission decision 2000/553/EUC
Reaction to fire	Class A1, see commission decision 2000/605/EC

SUSTAINABILITY

Breem	These units can achieve an "A" rated system when used in conjunction with the correct sub-base components
Carbon Footprint	32 kg CO ₂ m ²

SUPPLY

Av. pack size (m ²)	7.2
Av. pack weight (kg)	1342
Packaging	All packs are shrinkwrapped onto pallets for fork off-load or crane off-load if necessary

FURTHER INFORMATION

Cleaning & Maintenance	Cleaning & maintenance details are 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 the Technical Advisory Services Department on 0370 411 2233



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APPLICATION

Suitability	For any given application, any resulting soiling (whether vehicular or pedestrian origin) will be more apparent on the lighter shades than any of the darker shades, 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.
Loading Classification	Category 6 - 10 large goods vehicles per week (0.15 msa)

