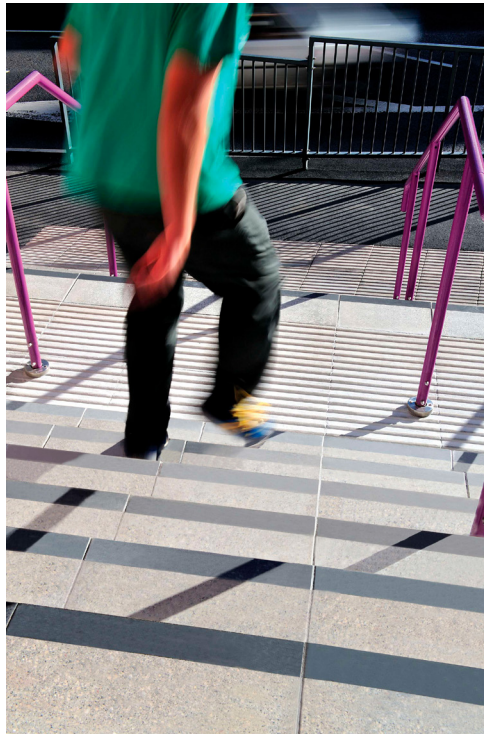


Perfecta Smooth 450 x 450 x 50 Step Tread



A collection of two-piece units for creating attractive, DDA-compliant steps which complement the surrounding landscape. Available in Conservation X, Perfecta and Saxon to complement our most popular paving ranges and in two sizes as standard. Coloured strips, which satisfy BS Light Reflective Values, feature at the front of the step on the treads.

DESCRIPTION	
Manufacturing Process	Hydraulically pressed concrete
Base Raw Material	Concrete
Type	Solid unit with textured surface
Governing Manufacturing Standards	All data where relevant to be established in accordance with BS EN 1339 : 2003
UKCA Marking/DOP	UKCA Exempt
NBS Specification	Q25 31
Standard Visibility Strip	Gradus-rubber composite material with hard wearing slip-resistant finish

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PHYSICAL PROPERTIES

Work Dimensions (mm)	448 x 448 x 50
Tolerances on Work Dimensions (mm)	Class 2 tolerances to all dimensions as standard, 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
Thermal Conductivity (K value)	Design data as defined to BS EN 13369:2013
Bending Strength MPa	Characteristic bending strength of 4.0 MPa with no individual result less than 3.2 MPa

SPECIFICATION

Approx unit weight (kg)	23
Emission of Asbestos	No Content
External Fire Performance	Deemed to satisfy. See commission decision 2000/553/ECU
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	0

APPLICATION

Loading Classification	Category 1 - Pedestrian and domestic driveways
Suitability	Laid in accordance with BS 7533-4:2006 and BS 7533-101

SITE WORKS

Coverage	4.9 no per m ²
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SUPPLY

Av. Pack Size m2	8.1
Units Per Pack	40
Packaging	All packs are suitable for crane off-load. Fork lift off-load on request

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

