



Standard
Grey

EDENKERB™ is the first complete solution for integrating rain garden kerbs seamlessly into outdoor designs. An innovative Sustainable Drainage System (SuDS) which ensures effective stormwater management while contributing to increased biodiversity.

The diffuser flag plays an important role as part of the **EDENKERB™** system, in slowing down the flow of water into the rain garden and facilitating effective filtration and absorption by the garden's vegetation and soil.

The diffuser flag should be used in conjunction with the pre-cut left and right-hand inlet kerbs.

DESCRIPTION	
Appearance	Solid unit with smooth surface and diffusing texture
Manufacturing Process	Wet cast concrete
Base Raw Material	Concrete
Governing Manufacturing Standards	All data where relevant to be established in accordance with BS EN 1339 : 2003
CE Marking/DOP	https://www.marshalls.co.uk/declarations

Date created: 15 03 2024

PHYSICAL PROPERTIES

Nominal Dimensions (mm)	450 x 450 x 60
Tolerances on Work Dimensions (mm)	Length ± 3 mm, width ± 3 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) : > 67
Slip/Skid Resistance (unpolished)	Mean unpolished skid resistance value (USRV) : > 58
Thermal Conductivity (K value)	Design data as defined to BS EN 13369 : 2013
Transverse/FlexuralSplit/Breaking	Characteristic bending strength of 4.0 MPa with no individual result less than 3.2 MPa

SPECIFICATION

Approx unit weight (kg)	27 kg
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
Materials Control	UKCA Marked to BS EN 1339 : 2003 Concrete Flags

SUSTAINABILITY

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

Suitability	Laid in accordance with BS7533-4 : 2006
Loading Classification	N/A

SUPPLY

Units per pack	1
Av. pack weight (kg)	23.5kg

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. 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

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