

KERBS / EDGING

E3 (alternative proposal)

Item: Flush Concrete Kerb

Size: 125mm X 255mm X 915mm

Product: Grey Square Channel Straight by Marshalls

Issue Date	Issue No	<i>Stephen Bradbury Form: SBA Documents</i> <i>Ref: SBA-ADMIN-FRM-012</i>	Page 1 of 1
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255 x 125 Square Channel

Date Created: 10/05/18



Standard Grey Channel

Marshalls uses hydraulic pressing in the manufacture of its standard natural kerb, channels and edgings. The result is the durability and consistent long-term performance you would expect from Marshalls with a functional unit of this type.

These precision-manufactured products are available in many different shapes and profiles to fulfil a wide range of design requirements.

Bullnose and Square channels are typically used as a spacer between the kerb and the carrieway or for off road parking and lay-bys, while Dished channels provide an aid to drainage. Bullnose, Round Top and Flat Top edging is mostly used along footpath edges.

Download our brochure to explore the full range.

DESCRIPTION

Appearance	Solid unit with pimple surface
Manufacturing Process	Hydraulically pressed concrete
Base Raw Material	Concrete
Governing Manufacturing Standards	All data where relevant to be established in accordance with BS EN 1340 : 2003
CE Marking/DOP	https://www.marshalls.co.uk/dop
NBS Specification	Q10 10



255 x 125 Square Channel

Date Created: 10/05/18

PHYSICAL PROPERTIES

Work Dimensions (mm)	255 x 125 x 915
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) : > 45
Slip/Skid Resistance (unpolished)	Mean unpolished skid resistance value (USRV) : > 45 .
Transverse/FlexuralSplit/Breaking	Characteristic bending strength of 3.5 MPa with no individual result less than 2.8 MPa

SPECIFICATION

Approx unit weight (kg)	64
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

APPLICATION

Suitability	Laid in accordance with BS 7533-6 : 1999
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FURTHER INFORMATION

Cleaning & Maintenance	Information regarding the cleaning & maintenance of this product may be obtained 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. 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 the Technical Advisory Services Department on 0370 411 2233



KERBS / EDGING

E6 (alternative proposal)

Item: Upstand Concrete Kerb

Size: 150mm X 305mm X 915mm

Product: Grey Bullnose Straight by Marshalls

Issue Date	Issue No	<i>Stephen Bradbury Form: SBA Documents</i> <i>Ref: SBA-ADMIN-FRM-012</i>	Page 1 of 1
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150 x 305 Bullnosed Kerb

Date Created: 10/05/18



British Standard Grey
Kerb

This sleek, highly durable and precision-manufactured concrete kerb system has been incorporated into highway schemes up and down the UK. British Standard Kerb uses hydraulic pressing in the manufacture of standard natural kerb, channel and edging to provide consistent long-term performance.

Manufactured to the dimensions required in BS EN 1340:2003, this product is available with a wide range of ancillary products to allow for seamless integration with a minimum of cuts.

Marshall's' commitment to quality means you can be confident that you're installing concrete kerb units that adhere to strict guidelines as well as having great aesthetics.

DESCRIPTION	
Appearance	Solis unit with pimple surface
Manufacturing Process	Hydraulically pressed concrete
Base Raw Material	Concrete
Governing Manufacturing Standards	All data where relevant to be established in accordance with BS EN 1340 : 2003
CE Marking/DOP	https://www.marshall's.co.uk/dop
NBS Specification	Q10 112 Q10 10 Q10 510



150 x 305 Bullnosed Kerb

Date Created: 10/05/18

PHYSICAL PROPERTIES

Work Dimensions (mm)	150 x 305 x 915
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) : > 45
Slip/Skid Resistance (unpolished)	Mean unpolished skid resistance value (USRV) : > 45 .
Transverse/FlexuralSplit/Breaking	Characteristic bending strength of 3.5 MPa with no individual result less than 2.8 MPa

SPECIFICATION

Approx unit weight (kg)	100
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

APPLICATION

Suitability	Laid in accordance with BS 7533-6 : 1999
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FURTHER INFORMATION

Cleaning & Maintenance	Information regarding the cleaning & maintenance of this product may be obtained 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. Marshalls reserve the right to amend the technical information as deemed necessary and in accordance with the relevant national and international standards without notice
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