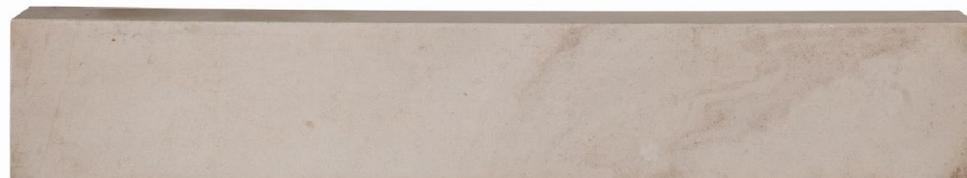




ENVIRONMENTAL PRODUCT DECLARATION

IN ACCORDANCE WITH EN 15804+A2 & ISO 14025 / ISO 21930

Concrete Kerb & Edging - Pigmented Wet Pressed
Marshalls Plc



EPD HUB, HUB-0560

Publishing date 30 June 2023, last updated on 30 June 2023, valid until 30 June 2028.

GENERAL INFORMATION

MANUFACTURER

Manufacturer VP-001	Marshalls Plc
Address VP-002	Landscape House, Premier Way, Elland HX5 9HT, England, UK
Contact details VP-003	epd@marshalls.co.uk
Website	www.marshalls.co.uk

EPD STANDARDS, SCOPE AND VERIFICATION

Program operator	EPD Hub, hub@epdhub.com
Reference standard	EN 15804+A2:2019 and ISO 14025
PCR	EPD Hub Core PCR version 1.0, 1 Feb 2022 EN 16757 Product Category Rules for concrete and concrete elements
Sector	Construction product
Category of EPD	Third party verified EPD
Scope of the EPD	Cradle to gate with options, A4-B1, and modules C1-C4, D
EPD author VP-004	C Griffiths, R Dorrington, S Lang - Marshalls PLC
EPD verification	Independent verification of this EPD and data, according to ISO 14025: <input type="checkbox"/> Internal certification <input checked="" type="checkbox"/> External verification
EPD verifier VP-055	Elma Avdyli, as an authorized verifier acting for EPD Hub Limited

The manufacturer has the sole ownership, liability, and responsibility for the EPD. EPDs within the same product category but from different programs may not be comparable. EPDs of construction

products may not be comparable if they do not comply with EN 15804 and if they are not compared in a building context.

PRODUCT

Product name VP-007	Concrete Kerb & Edging - Pigmented Wet Pressed
Additional labels	N/A
Product reference	N/A
Place of production VP-008	Brookfoot, West Lane, Eaglescliffe, Falkirk, Ramsbottom, St Ives, Sittingbourne (UK)
Period for data VP-013	2022
Averaging in EPD VP-024-C	Multiple factories
Variation in GWP-fossil for A1-A3 VP-025-C	-

ENVIRONMENTAL DATA SUMMARY

Declared unit	one linear metre of 125x255 Half Battered kerb
Declared unit mass	72 kg
GWP-fossil, A1-A3 (kgCO ₂ e)	7,58E0
GWP-total, A1-A3 (kgCO ₂ e)	7,65E0
Secondary material, inputs (%)	0.0191
Secondary material, outputs (%)	93.8
Total energy use, A1-A3 (kWh)	16.3
Total water use, A1-A3 (m ³ e)	2,2E-1

PRODUCT AND MANUFACTURER

ABOUT THE MANUFACTURER

Marshalls is the UK's largest manufacturer and supplier of building and hard landscaping products, including paving blocks and flags, kerbs, drainage channels, bricks, roof tiles, street furniture and natural stone paving. It provides products for both commercial and domestic markets.

PRODUCT DESCRIPTION

The product is a concrete kerb or edging unit. Kerbs and edgings are used to restrain or contain elements of a footway or highway, providing both a physical and visual barrier to the edge of a particular area.

This document is for standard kerbs and edgings, frequently referred to as grey or BS kerbs, made of standard unpigmented concrete.

Concrete kerbs are manufactured according to BS EN 1340:2003. All kerbs are tested to class 1 marking S, which requires the minimum bending strength to be 2.8MPa. Other factors which must be satisfied to achieve the standard include freeze / thaw performance, water absorption and permissible deviation of flatness and straightness. Test methods and minimum criteria are detailed in the standard.

The nominated dimensions for this product in this document is one linear metre of 125x255 Half Battered kerb. Conversion factors for different sizes and profiles are listed in the document.

Further information can be found at www.marshalls.co.uk.

PRODUCT RAW MATERIAL MAIN COMPOSITION

Raw material category	Amount, mass- %	Material origin
Metals	N/A	N/A
Minerals	100	EU
Fossil materials	N/A	N/A
Bio-based materials	N/A	N/A

BIOGENIC CARBON CONTENT

Product's biogenic carbon content at the factory gate

Biogenic carbon content in product, kg C	-
Biogenic carbon content in packaging, kg C	0.009405777

FUNCTIONAL UNIT AND SERVICE LIFE

Declared unit VP-011	one linear metre of 125x255 Half Battered kerb
Mass per declared unit VP-012	72 kg
Functional unit	1 linear metre of 125mmx255mm Half Battered concrete kerb with useful service life of 50 years
Reference service life	50 years

SUBSTANCES, REACH - VERY HIGH CONCERN

The product does not contain any REACH SVHC substances in amounts greater than 0,1 % (1000 ppm).

PRODUCT LIFE-CYCLE

SYSTEM BOUNDARY

This EPD covers the life-cycle modules listed in the following table.

Product stage			Assembly stage		Use stage								End of life stage				Beyond the system boundaries	
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D		
x	x	x	x	x	x	MND	MND	MND	MND	MND	MND	x	x	x	x	x		
Raw materials	Transport	Manufacturing	Transport	Assembly	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	Deconstr./demol.	Transport	Waste processing	Disposal	Reuse	Recovery	Recycling

Modules not declared = MND. Modules not relevant = MNR.

MANUFACTURING AND PACKAGING (A1-A3)

The environmental impacts considered for the product stage cover the manufacturing of raw materials used in the production as well as packaging materials and other ancillary materials. Also, fuels used by machines, and handling of waste formed in the production processes at the manufacturing facilities are included in this stage. The study also considers the material losses occurring during the manufacturing processes as well as losses during electricity transmission.

Kerbs and edgings are manufactured with a specified blend of aggregates, binder material, water and admixtures. pre-defined doses of materials are added to a hopper, which transfers them to a mixer. The mixed concrete is loaded into another hopper, from which it is screw fed into a hopper located above the mould. Concrete is gravity fed into the mould. The mould is vibrated and a custom-cut

tamper head is pressed into the mould. Water is ejected from the mould under pressure. Robots lift the concrete from the mould and transfer it to a pallet. Pallets move along the conveyor to a curing chamber, where they remain until the product has achieved strength.

Pallets of cured product are removed from the chamber. Robots remove the units from the pallets and enter them onto the packaging line. Units are strapped together and (in some cases) plastic wrap is applied. If required, packs pass through a heating oven to shrink the wrap. Banded and / or wrapped packs are transported to the storage yard.

Any water lost during manufacture is recycled - collected and reintroduced to the mix. Material waste during manufacture is negligible.

TRANSPORT AND INSTALLATION (A4-A5)

Transportation impacts occurred from final products delivery to construction site (A4) cover fuel direct exhaust emissions, environmental impacts of fuel production, as well as related infrastructure emissions.

A4: During the time period measured, manufacture of standard kerb and edging took place at seven different sites spread over the UK: Brookfoot, West Lane Eaglescliffe, Falkirk, Ramsbottom, St Ives & Sittingbourne. Transport to site or yard is undertaken by articulated lorries with Euro 6 engines. We have calculated that the average journey undertaken by these products from manufacturing site to installation site during the time period allocated was 221km. This is made up of two legs; 114km to a service centre (distribution hub) and then 107km to site or yard.

A5: Kerbs are lifted into place using cranes or vacuum lifters.

PRODUCT USE AND MAINTENANCE (B1-B7)

B1: The carbonation (sequestration) value has been calculated as per methodology outlined in EN 16757:2022. Air, soil, and water impacts during the use phase have not been studied.

PRODUCT END OF LIFE (C1-C4, D)

C1: The demolition process consumes energy in the form of diesel fuel used by building machines. Energy consumption of a demolition process is on the average 10 kWh/m² (Bozdağ, Ö & Seçer, M. 2007). Basing on a Level(s) project, an average mass of a reinforced concrete building is about 1000 kg/m². Therefore, energy consumption demolition is assumed to be 10 kWh/1000 kg = 0,01 kWh/kg. The source of energy is diesel fuel used by work machines (C1).

C2: It is assumed that 7% of product is transported 50km to a waste processing site to be landfilled, and 93% of product is reused. This is evidenced on UK Governments Statistics on Construction Waste website: 7. Recovery rate from non-hazardous construction and demolition (C&D) waste - Table 8: England, 2010–2020: <https://www.gov.uk/government/statistics/uk-waste-data/uk-statistics-on-waste#recovery-rate-from-non-hazardous-construction-and-demolition-cd-waste>

C3: All material (whether used on site or treated at a waste processing facility) will be crushed. 93% will be reused on site as infill; 7% will be transported to landfill.

C4: It is assumed that 7% of materials will go to landfill.

D: Due to the recycling potential of concrete, it can be used as secondary raw material, which avoids the use of virgin raw materials. The 93% of concrete going to waste processing is converted into secondary raw materials after recycling. The benefit of recycled concrete claimed in module D have excluded the amount of secondary material input. In addition incineration of the strapping and packaging generates energy.

MANUFACTURING PROCESS



LIFE-CYCLE ASSESSMENT

CUT-OFF CRITERIA

The study does not exclude any modules or processes which are stated mandatory in the reference standard and the applied PCR. The study does not exclude any hazardous materials or substances. The study includes all major raw material and energy consumption. All inputs and outputs of the unit processes, for which data is available for, are included in the calculation. There is no neglected unit process more than 1% of total mass or energy flows. The module specific total neglected input and output flows also do not exceed 5% of energy usage or mass.

ALLOCATION, ESTIMATES AND ASSUMPTIONS

Allocation is required if some material, energy, and waste data cannot be measured separately for the product under investigation. All allocations are done as per the reference standards and the applied PCR. In this study, allocation has been done in the following ways:

Data type	Allocation
Raw materials	No allocation
Packaging materials	Not applicable
Ancillary materials	Not applicable
Manufacturing energy and waste	Allocated by mass or volume

AVERAGES AND VARIABILITY

Type of average	Multiple factories
Averaging method	Averaged by shares of total mass
Variation in GWP-fossil for A1-A3	-

Primary data represents the 7 Marshalls sites at which standard kerb and edging is manufactured. All products covered by this EPD use the same mix design with minor differences in pigmentation.

The data was used to calculate average impacts for the product. The variability of the primary data or the emissions between the manufacturing sites did not amount to more than 10 % for the relevant data. The primary data was averaged by calculating a weighed average of the sites consumption of raw materials and energy, and production of wastes. The share of production volume per each site was used in the weighting.

Primary data represents the manufacturing of all through mix concrete block paving products (listed at the start of this document). The data was used to calculate average impacts for the products. The variability of the primary data or the emissions between the products did not amount to more than 10% of the relevant data (the highest compared to the lowest). The primary data was averaged by calculating a weighed average of the products consumption of raw materials, energy and production of

wastes. The production amount mass shares per each product was used in the weighting.

LCA SOFTWARE AND BIBLIOGRAPHY

This EPD has been created using One Click LCA EPD Generator. The LCA and EPD have been prepared according to the reference standards and ISO 14040/14044. Ecoinvent and One Click LCA databases were used as sources of environmental data.

ENVIRONMENTAL IMPACT DATA

CORE ENVIRONMENTAL IMPACT INDICATORS – EN 15804+A2, PEF

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
GWP – total ¹⁾	kg CO ₂ e	6,86E0	3,06E-1	4,87E-1	7,65E0	1,55E0	3,48E-1	-6,51E-1	MND	MND	MND	MND	MND	MND	2,37E-1	3,17E-1	2,7E-1	2,68E-2	-5,34E-1
GWP – fossil	kg CO ₂ e	6,75E0	3,06E-1	5,2E-1	7,58E0	1,56E0	3,13E-1	-6,51E-1	MND	MND	MND	MND	MND	MND	2,37E-1	3,16E-1	2,7E-1	2,68E-2	-5,56E-1
GWP – biogenic	kg CO ₂ e	1,08E-1	2,22E-4	-3,42E-2	7,36E-2	3,52E-4	3,52E-2	0E0	MND	MND	MND	MND	MND	MND	0E0	0E0	0E0	0E0	2,26E-2
GWP – LULUC	kg CO ₂ e	1,75E-3	9,21E-5	1,11E-3	2,94E-3	7,46E-4	2,03E-5	0E0	MND	MND	MND	MND	MND	MND	2,01E-5	9,94E-5	2,28E-5	7,95E-6	-8,43E-4
Ozone depletion pot.	kg CFC ₋₁₁ e	2,64E-7	7,18E-8	2,49E-7	5,85E-7	3,46E-7	5,14E-8	0E0	MND	MND	MND	MND	MND	MND	5,13E-8	7,77E-8	5,84E-8	1,1E-8	-5,4E-8
Acidification potential	mol H ⁺ e	1,99E-2	1,28E-3	3,34E-3	2,45E-2	3,01E-2	2,5E-3	0E0	MND	MND	MND	MND	MND	MND	2,48E-3	1,02E-3	2,83E-3	2,54E-4	-4,12E-3
EP-freshwater ²⁾	kg Pe	8,68E-5	2,49E-6	6,58E-6	9,59E-5	9,64E-6	9,73E-7	0E0	MND	MND	MND	MND	MND	MND	9,6E-7	2,69E-6	1,09E-6	3,24E-7	-3,81E-5
EP-marine	kg Ne	5,26E-3	3,87E-4	7,75E-4	6,42E-3	7,43E-3	1,1E-3	0E0	MND	MND	MND	MND	MND	MND	1,1E-3	2,24E-4	1,25E-3	8,75E-5	-8,08E-4
EP-terrestrial	mol Ne	6,36E-2	4,27E-3	8,52E-3	7,64E-2	8,25E-2	1,21E-2	0E0	MND	MND	MND	MND	MND	MND	1,2E-2	2,49E-3	1,37E-2	9,64E-4	-1,06E-2
POCP (“smog”) ³⁾	kg NMVOCe	1,57E-2	1,37E-3	2,76E-3	1,98E-2	2,21E-2	3,32E-3	0E0	MND	MND	MND	MND	MND	MND	3,31E-3	9,77E-4	3,77E-3	2,8E-4	-2,69E-3
ADP-minerals & metals ⁴⁾	kg Sbe	3E-5	5,23E-6	3,28E-6	3,85E-5	1,84E-5	3,81E-7	0E0	MND	MND	MND	MND	MND	MND	3,62E-7	5,63E-6	4,13E-7	2,45E-7	-5,94E-5
ADP-fossil resources	MJ	3,04E1	4,75E0	2E1	5,51E1	2,24E1	3,28E0	0E0	MND	MND	MND	MND	MND	MND	3,27E0	5,14E0	3,72E0	7,49E-1	-8,7E0
Water use ⁵⁾	m ³ e depr.	8,45E-1	1,77E-2	8,01E-2	9,42E-1	6,39E-2	6,08E-3	0E0	MND	MND	MND	MND	MND	MND	6,09E-3	1,91E-2	6,94E-3	3,46E-2	-9,68E-1

1) GWP = Global Warming Potential; 2) EP = Eutrophication potential. Required characterisation method and data are in kg P-eq. Multiply by 3,07 to get PO₄e; 3) POCP = Photochemical ozone formation; 4) ADP = Abiotic depletion potential; 5) EN 15804+A2 disclaimer for Abiotic depletion and Water use and optional indicators except Particulate matter and Ionizing radiation, human health. The results of these environmental impact indicators shall be used with care as the uncertainties on these results are high or as there is limited experience with the indicator.

USE OF NATURAL RESOURCES

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Renew. PER as energy ³⁾	MJ	2,02E0	5,99E-2	1,99E0	4,07E0	2,14E-1	1,79E-2	0E0	MND	MND	MND	MND	MND	MND	1,77E-2	6,46E-2	2,01E-2	6,05E-3	-9,7E-1
Renew. PER as material	MJ	0E0	0E0	3,29E-1	3,29E-1	0E0	-3,3E-1	0E0	MND	MND	MND	MND	MND	MND	0E0	0E0	0E0	0E0	0E0
Total use of renew. PER	MJ	2,02E0	5,99E-2	2,32E0	4,4E0	2,14E-1	-3,12E-1	0E0	MND	MND	MND	MND	MND	MND	1,77E-2	6,46E-2	2,01E-2	6,05E-3	-9,7E-1
Non-re. PER as energy	MJ	3,04E1	4,75E0	1,88E1	5,39E1	2,24E1	3,28E0	0E0	MND	MND	MND	MND	MND	MND	3,27E0	5,14E0	3,72E0	7,49E-1	-8,7E0
Non-re. PER as material	MJ	0E0	0E0	1,15E0	1,15E0	0E0	-1,15E0	0E0	MND	MND	MND	MND	MND	MND	0E0	0E0	-1,45E0	-1,09E-1	0E0
Total use of non-re. PER	MJ	3,04E1	4,75E0	2E1	5,51E1	2,24E1	2,13E0	0E0	MND	MND	MND	MND	MND	MND	3,27E0	5,14E0	2,27E0	6,4E-1	-8,7E0
Secondary materials	kg	8,96E-3	0E0	4,8E-3	1,38E-2	0E0	0E0	0E0	MND	MND	MND	MND	MND	MND	0E0	0E0	0E0	0E0	0E0

Renew. secondary fuels	MJ	0E0	0E0	7,07E-1	7,07E-1	0E0	0E0	0E0	MND	MND	MND	MND	MND	MND	0E0	0E0	0E0	0E0	0E0
Non-ren. secondary fuels	MJ	0E0	0E0	0E0	0E0	0E0	0E0	0E0	MND	MND	MND	MND	MND	MND	0E0	0E0	0E0	0E0	0E0
Use of net fresh water	m ³	2,17E-1	9,89E-4	2,23E-3	2,2E-1	3,4E-3	3,12E-4	0E0	MND	MND	MND	MND	MND	MND	2,89E-4	1,07E-3	3,29E-4	8,19E-4	-7,69E-2

8) PER = Primary energy resources.

END OF LIFE – WASTE

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Hazardous waste	kg	1,12E-1	4,62E-3	1,13E-2	1,28E-1	2,3E-2	4,12E-3	0E0	MND	MND	MND	MND	MND	MND	3,52E-3	4,99E-3	0E0	6,98E-4	-4,59E-2
Non-hazardous waste	kg	3,8E0	5,1E-1	2,76E-1	4,59E0	1,4E0	8,24E-2	0E0	MND	MND	MND	MND	MND	MND	3,76E-2	5,52E-1	0E0	5,08E0	-1,73E0
Radioactive waste	kg	1,54E-4	3,26E-5	1,16E-4	3,03E-4	1,56E-4	2,29E-5	0E0	MND	MND	MND	MND	MND	MND	2,29E-5	3,53E-5	0E0	4,95E-6	-4,1E-5

END OF LIFE – OUTPUT FLOWS

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Components for re-use	kg	0E0	0E0	0E0	0E0	0E0	0E0	0E0	MND	MND	MND	MND	MND	MND	0E0	0E0	6,76E1	0E0	0E0
Materials for recycling	kg	0E0	0E0	0E0	0E0	0E0	0E0	0E0	MND	MND	MND	MND	MND	MND	0E0	0E0	0E0	0E0	0E0
Materials for energy rec	kg	0E0	0E0	0E0	0E0	0E0	4,23E-2	0E0	MND	MND	MND	MND	MND	MND	0E0	0E0	0E0	0E0	0E0
Exported energy	MJ	0E0	0E0	0E0	0E0	0E0	1,04E0	0E0	MND	MND	MND	MND	MND	MND	0E0	0E0	0E0	0E0	0E0

ENVIRONMENTAL IMPACTS – EN 15804+A1, CML / ISO 21930

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Global Warming Pot.	kg CO ₂ e	6,71E0	3,03E-1	5,09E-1	7,52E0	1,55E0	3,11E-1	-6,51E-1	MND	MND	MND	MND	MND	MND	2,36E-1	3,13E-1	2,68E-1	2,63E-2	-5,43E-1
Ozone depletion Pot.	kg CFC ₁₁ e	2,23E-7	5,71E-8	1,97E-7	4,77E-7	2,75E-7	4,07E-8	0E0	MND	MND	MND	MND	MND	MND	4,06E-8	6,17E-8	4,62E-8	8,74E-9	-4,96E-8
Acidification	kg SO ₂ e	1,48E-2	6,22E-4	2,7E-3	1,81E-2	2,37E-2	3,6E-4	0E0	MND	MND	MND	MND	MND	MND	3,5E-4	6,72E-4	3,99E-4	1,06E-4	-2,7E-3
Eutrophication	kg PO ₄ ^{3e}	4E-3	1,26E-4	5,15E-4	4,64E-3	2,8E-3	8,21E-5	0E0	MND	MND	MND	MND	MND	MND	6,17E-5	1,36E-4	7,03E-5	2,05E-5	-1,27E-3
POCP (“smog”)	kg C ₂ H ₄ e	5,18E-4	3,94E-5	1,37E-4	6,95E-4	6,57E-4	3,63E-5	0E0	MND	MND	MND	MND	MND	MND	3,61E-5	3,87E-5	4,11E-5	7,77E-6	-1,99E-4
ADP-elements	kg Sbe	3E-5	5,23E-6	3,28E-6	3,85E-5	1,84E-5	3,81E-7	0E0	MND	MND	MND	MND	MND	MND	3,62E-7	5,63E-6	4,13E-7	2,45E-7	-5,94E-5
ADP-fossil	MJ	3,04E1	4,75E0	2E1	5,51E1	2,24E1	3,28E0	0E0	MND	MND	MND	MND	MND	MND	3,27E0	5,14E0	3,72E0	7,49E-1	-8,7E0

VERIFICATION STATEMENT

VERIFICATION PROCESS FOR THIS EPD

This EPD has been verified in accordance with ISO 14025 by an independent, third-party verifier by reviewing results, documents and compliance with reference standard, ISO 14025 and ISO 14040/14044, following the process and checklists of the program operator for:

- This Environmental Product Declaration
- The Life-Cycle Assessment used in this EPD
- The digital background data for this EPD

Why does verification transparency matter? Read more online
This EPD has been generated by One Click LCA EPD generator, which has been verified and approved by the EPD Hub.

THIRD-PARTY VERIFICATION STATEMENT

I hereby confirm that, following detailed examination, I have not established any relevant deviations by the studied Environmental Product Declaration (EPD), its LCA and project report, in terms of the data collected and used in the LCA calculations, the way the LCA-based calculations have been carried out, the presentation of environmental data in the EPD, and other additional environmental information, as present with respect to the procedural and methodological requirements in ISO 14025:2010 and reference standard.

I confirm that the company-specific data has been examined as regards plausibility and consistency; the declaration owner is responsible for its factual integrity and legal compliance.

I confirm that I have sufficient knowledge and experience of construction products, this specific product category, the construction industry, relevant standards, and the geographical area of the EPD to carry out this verification.

I confirm my independence in my role as verifier; I have not been involved in the execution of the LCA or in the development of the declaration and have no conflicts of interest regarding this verification.

Elma Avdyli, as an authorized verifier acting for EPD Hub Limited
30.06.2023



CONVERSION TABLE FOR ALTERNATIVE PROFILES

The correlation between the material and energy inputs to calculate A1-A3 numbers is linear.

Therefore, to calculate A1-A3 (GWP Total & GWP Fossil) values for profiles and / or sizes, apply the following percentages to the A1-A3 number shown within this document:

	Product profile	A1- A3		
		Conversion factor	kg CO ₂ e - fossil	kg CO ₂ e - total
Kerb	125x255 Half Battered Kerb	0.0%	7.58	7.65
	125x150 Half Battered Kerb	-42.5%	4.36	4.40
	150x305 Half Battered Kerb	46.6%	11.11	11.22
	125x178 Half Battered Centre Stone	-25.9%	5.62	5.67
	125x255 Bullnosed Kerb	4.8%	7.95	8.02
	125x150 Bullnosed Kerb	-37.4%	4.74	4.79
	150x305 Bullnosed Kerb	50.6%	11.42	11.53
	125x255 45° Splayed Kerb	-4.4%	7.24	7.31
	125x150 45° Splayed Kerb	-48.2%	3.92	3.96
Channel	255x125 Square Channel	4.9%	7.96	8.03
	255x125 Dished Channel	-6.9%	7.05	7.12
	150x100 Dished Channel	-50.8%	3.73	3.76
	150x150 Square Channel	-25.3%	5.66	5.71
	305x150 Dished Channel	16.9%	8.87	8.95
	305x90 Dished Channel	-23.3%	5.81	5.86
	230x75 Dished Channel	-49.8%	3.80	3.84
Edging	Flat Top Edging 50x150x914	-75.6%	1.85	1.87
	Flat Top Edging 50x200x914	-67.8%	2.44	2.46
	Flat Top Edging 50x250x914	-60.7%	2.98	3.01
	Flat Top Edging 75x200x914	-49.2%	3.85	3.88
	Flat Top Edging 75x230x914	-41.6%	4.43	4.47
	Round Top Edging 50x200x900	-73.0%	2.05	2.07
	Round Top Edging 75x230x914	-52.3%	3.61	3.64
	Bullnosed Edging 50x200x914	-69.2%	2.33	2.35
	Bullnosed Edging 50x250x914	-60.4%	3.00	3.03
	Bullnosed Edging 50x150x914	-75.9%	1.82	1.84
	Bullnosed Edging 75x230x914	-41.6%	4.43	4.47