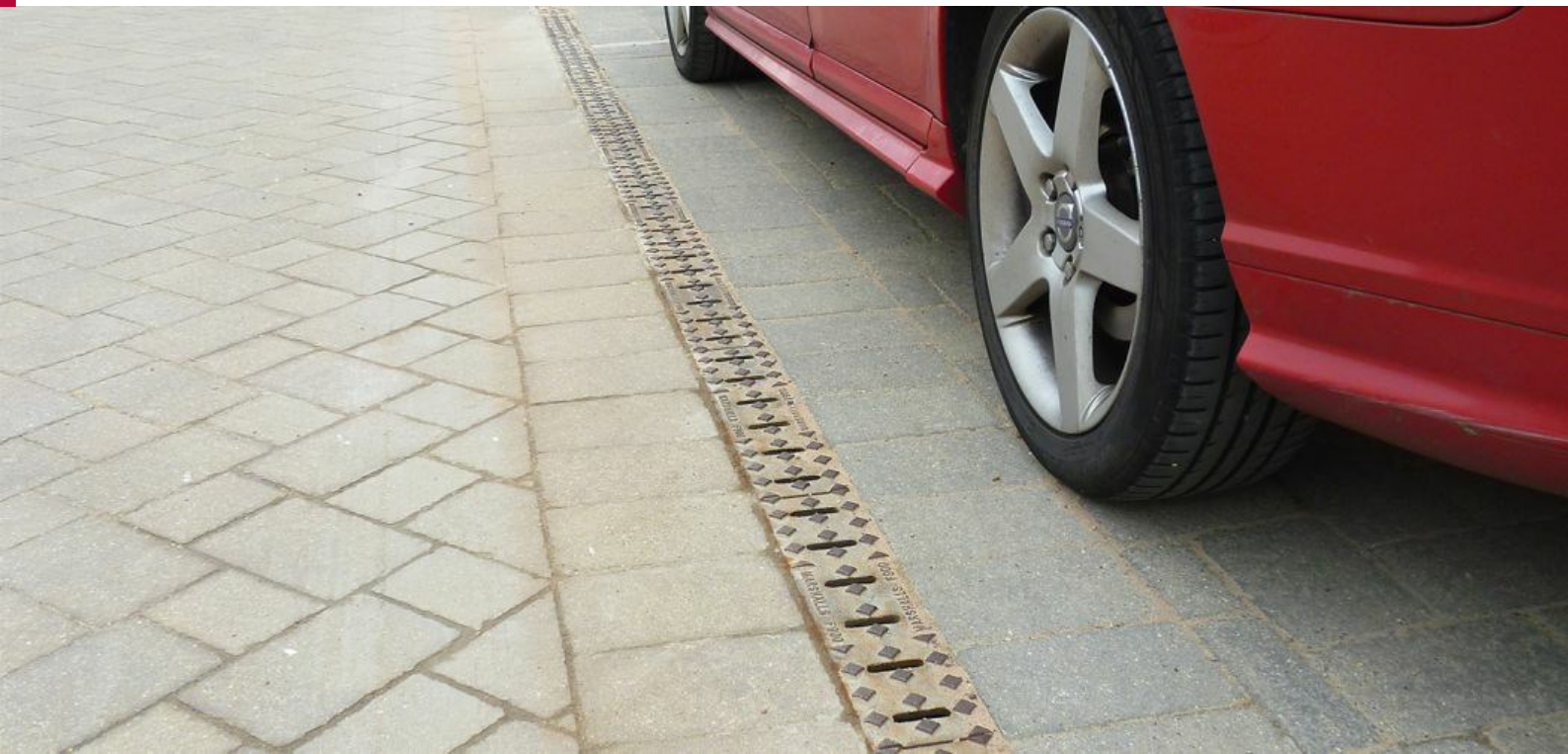


Traffic Drain

Date Created: 07/02/19



marshalls traffic
drain

Marshall's Traffic Drain provides a comprehensive solution to your project's drainage needs, offering unique design elements, ease of installation and low maintenance costs.

Designed to complement the Mini Beany range, the Traffic Drain connects the flow between kerb and slot units and is fully compatible with Mini Beany junctions, outfalls and other ancillary units.

Providing medium-capacity drainage, Traffic Drain combines a robust concrete channel with high-strength cast iron grates, which allow it to take loading's up to F900. Its ability to withstand fast-moving vehicles and bear heavy loads makes it ideal for high volume highway applications.

Manufactured as a simple two-piece design, Traffic Drain is strong enough to withstand any damage during transit and installation.

DESCRIPTION	
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 1433 : 2002
CE Marking/DOP	https://www.marshalls.co.uk/dop
NBS Specification	Q10 170

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PHYSICAL PROPERTIES

Work Dimensions (mm)	1000 x 280 x 210
	1000 x 280 x 260
	1000 x 280 x 310
	1000 x 280 x 360
Apparent Density	2300 kg/m ³ (typically)
Water Absorption (%)	Meets the requirement for Grade 2
Water Tightness	Meets the requirements of the standard.

SPECIFICATION

Approx unit weight (kg)	51 to 144 (excluding top units)
Emission of Asbestos	No content
Reaction to fire	Class A1, see commission decision 2000/605/EC

APPLICATION

Application	Suitable for all locations as described in BS EN 1433 : 2002 for load classification F900
Suitability	The robust concrete channel and strong cast iron grates are suitable to withstand fast moving vehicles and heavy loading highway applications. Traffic drain is fully compatible with the full range of Mini Beany junctions, outfalls and ancillary units.
Loading Classification	F900

PERFORMANCE

Discharge of cross section	16000mm ² - 46000mm ²
Sealing of joints	Completed by the use of M-Seal or M-Flex into rebate
Security of Grating	Installation details are available on request

SUPPLY

Units Per Pack	All units are loose stacked suitable for crane off-load or are available on timber pallets
Av. pack weight (kg)	Average 1.7 tonnes
Packaging	Banded & shrink-wrapped onto non-returnable pallets

SUSTAINABILITY

Carbon Footprint	Available on Request
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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
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
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