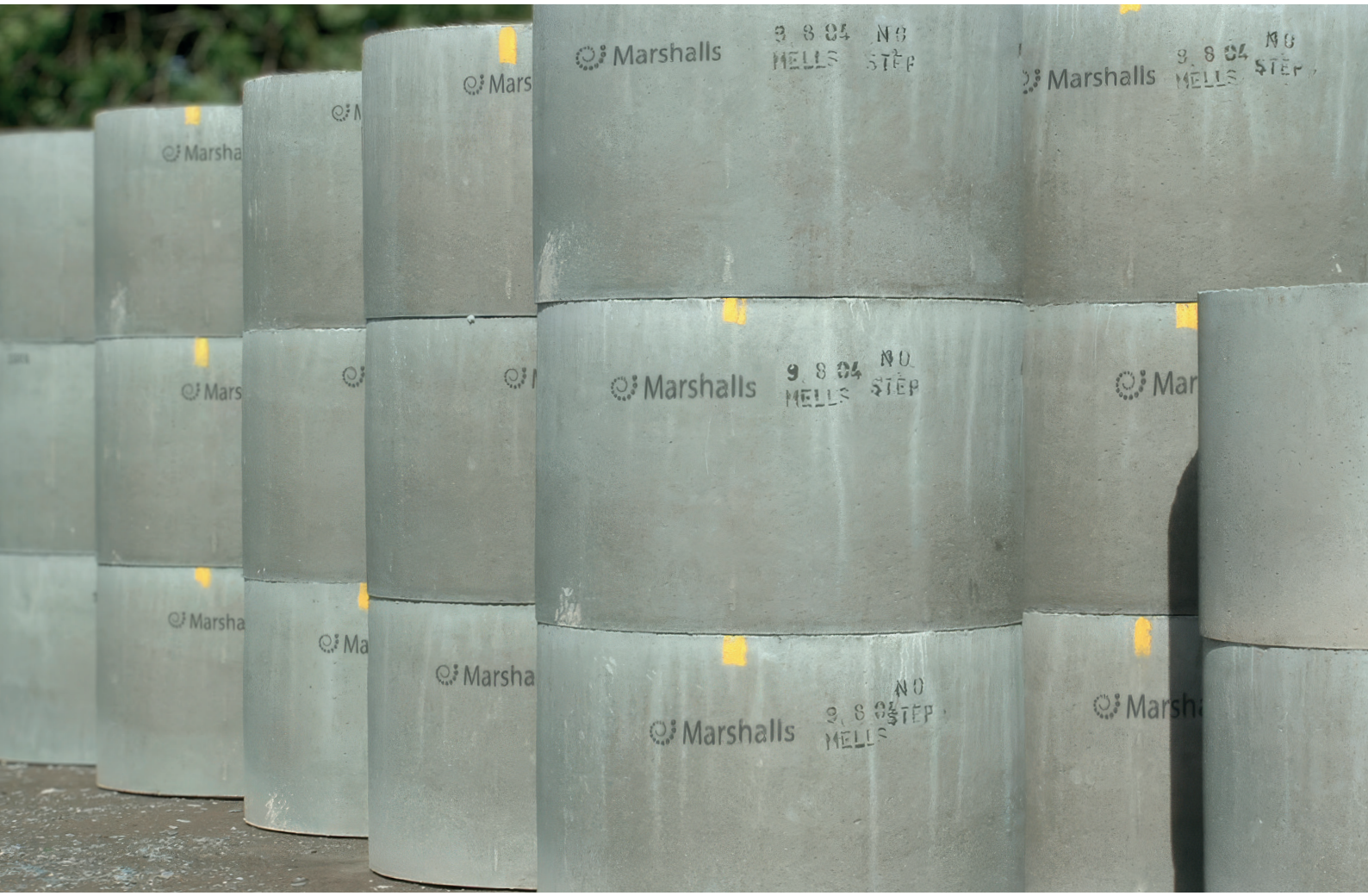
Chamber Ring

Marshalls
Civils & Drainage



Our traditional tongue and groove range of concrete manhole rings comply with BS EN 1917:2002 and/or BS5911-3:2022 from 900mm to 3000mm. Although our 3660mm and 4000mm manhole chambers are not covered by the British or European standard, they do comply with all the relevant provisions of the standards. Our range of precast concrete chamber rings are all available in BIM (Building Information Modelling) format – this is now a requirement for all government construction projects.

Chamber Rings can also be used to provide a Catchpit and Soakaway solutions.

DESCRIPTION	
Manufacturing process	Semi dry pressed and vibrated concrete
Base raw material	DC4 Concrete
Governing manufacturing standards	BS EN 1917:2002 and BS5911-3:2022
CE marking / DOP	https://dop.marshalls.co.uk/dop/

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MATERIAL DETAILS	
Water absorption (%)	Not exceeding 6% by mass
Water Tightness	Meets the trequirements of the standard
Material density	2300kg/m³ (typically)
Emission of abbestos	No content
Reaction to fire	Class A1 see European Comission Decision 2000/605/EC

ACCESSORIES	
Cover slab	Available for each Chamber Ring diameter
Landing slab	Designed to suit 1500mm chamber sections and above
Reducing slab	Designed to suit up to and including 4000mm chamber sections
Manhole safety cover	Available to suit access aperture
Seating ring	Available to suit access aperture

SUSTAINABILITY	
Carbon footprint	www.marshalls.co.uk/sustainability/epd-library
Design life	Service life of over 120 years

FURTHER INFORMATION	
Product evolution	Marshalls reserve the right to amend the techical information as deemed necessary and in accordance with the relevant national and international standards without notice. The evolution of new product design is continuous and information is subject to change without notice. Customers should check with the supplier to ensure thatthey have the latest detail.
Contact us	For technical information on the design, specification and construction when utilising the product, contact Group Technical Servcies on 0370 411 2233

PHYSICAL PROPERTIES	CORE DIAMETER (MM)	WALL THICKNESS (MM)	HEIGHT (MM)	APPROX UNIT WEIGHT (KG)
M0902NS	900	70	250	133
M0905NS	900	70	500	265
M0907NS	900	70	750	398
M0910NS	900	70	1000	530
M1002DS	1050	80	250	178
M1005DS	1050	80	500	355
M1007DS	1050	80	750	533
M1010DS	1050	80	1000	710
M1202DS	1200	90	250	228
M1205DS	1200	90	500	456
M1207DS	1200	90	750	684
M1210DS	1200	90	1000	912
M1305DS	1350	95	500	540
M1307DS	1350	95	750	810
M1310DS	1350	95	1000	1080
M1505DS	1500	105	500	665
M1507DS	1500	105	750	998
M1510DS	1500	105	1000	1330

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PHYSICAL PROPERTIES	CORE DIAMETER (MM)	WALL THICKNESS (MM)	HEIGHT (MM)	APPROX UNIT WEIGHT (KG)
M1805DS	1800	115	500	880
M1807DS	1800	115	750	1320
M1810DS	1800	115	1000	1760
M2105DS	2100	125	500	1070
M2107DS	2100	125	750	1605
M2110DS	2100	125	1000	2140
M2405DS	2400	140	500	1370
M2407DS	2400	140	750	2055
M2410DS	2400	140	1000	2740
M2705DS	2700	150	500	1700
M2707DS	2700	150	750	2550
M2710DS	2700	150	1000	3400
M3005DS	3000	165	500	2070
M3007DS	3000	165	750	3105
M3010DS	3000	165	1000	4140

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