

## Weights and Dimensions (Kg and mm)

Kitemarked to BS5911, BS EN1917:2002

Nominal Internal diameter (DN)	External diameter (DN)	Wall thickness	Available Depths						No of Lifting points	Size of lifting hole	Approx weight kg per m	No of soakaway holes per metre
			Chamber & Shaft									
			250	500	750	1000	1250	1500				
900*	1040	70	●	●	●	●			2	40	55	12
1050	1200	75	●	●	●	●			4	40	63	16
1200	1380	90	●	●	●	●	●	●	4	40	85	16
1350	1540	95	●	●	●	●			2	40	1050	16
1500	1700	100	●	●	●	●			3	40	1200	20
1800	2030	115		●	●	●			3	40	1650	24
2100	2404	152		●	●	●			4	50	2670	24
2400	2750	175		●	●	●			4	50	3500	28
2700	3050	175		●	●	●			4	50	3800	32
3000	3420	210		●	●	●			4	50	5050	36

● - Available

**DN1350 are no longer kitemarked**

\* - Non-British standard product

*Please note that we do not manufacture a 1250 or 1500 soakaway unit.*

### Additional Information

Nominal Internal Diameter (DN)	Strip Size (mm)	Metres Per Pack	Length of each joint	Primer coverage per 5 litre	No. of joints per pack
900	12x60	24	3.5m	75m	6.85
1050	12x60	24	4.0m	75m	6.00
1200	12x80	18	4.5m	50m	4.00
1350	12x80	18	5.0m	50m	3.60
1500	12x80	18	5.5m	50m	3.27
1800	12x80	18	6.5m	50m	2.79
2100	12x120	12	7.5m	35m	1.60
2400	12x120	12	8.5m	35m	1.41
2700	12x120	12	9.5m	35m	1.21
3000	12x120	12	10.5m	35m	1.14

All soakaway units are designed to provide a minimum hole area of 50,000mm<sup>2</sup> per metre depth. All holes are nominally 75mm in diameter.

A manhole scheduling facility is available. Please state requirements when ordering. All standard manhole products meet Class 4 Sulfate Resistance. All dimensions are given as guidance only.

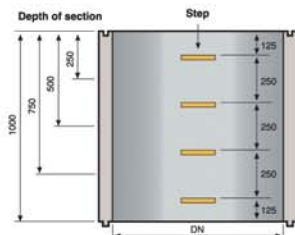
Designers and users should ensure that they have taken into account the current requirements for manhole access as detailed in the Health and Safety Code of Practice, Regulations and Guidance issued by the Health and safety Executive under the Confined Spaces Regulations 1997 and other relevant requirements.

The information contained represents a summary of the regulations and guidance issued by the Health and safety Executive. For a detailed explanation and application in particular circumstances you should consult the Code of Practice and Guidance issued by the Health and Safety executive. Please refer to our data sheet 'Health & Safety changes to manhole access'.

*In keeping with our policy of continual product development, Ennstone Concrete Products Ltd reserves the right to alter any specifications shown. All information is correct at time of print and is provided for guidance only. All weights and measures detailed are approximate.*

# Manhole and Soakaway Rings

- Manhole rings are manufactured with tongue and groove joints designed to accommodate flexible jointing compound or cement mortar.
- Manhole rings can be supplied as plain ring and above DN 900 with mild or stainless steel plastic encapsulated double steps or with ladders. Double steps are to BS 1247 Part 2 and WIS 4-33-01.
- Designers and users should ensure that they have taken into account the current requirements for manhole access as detailed in the Health and Safety Code of Practice, Regulations and Guidance issued by the Health and Safety Executive under the Confined Spaces Regulations 1997 and other relevant requirements.
- Plugs are available to seal the lifting holes in manhole rings.



## Manhole Rings Data

Chamber Ring	Available Depth of Section in mm				Wall Thickness	Lifting Holes	Delivery Details	
							Approx. Weight (incl. steps)	Metres per 24T Full Load
DN	250	500	750	1000	mm	N° x Ø	kg/m	m
900	•	•	•	•	70	2 x 40	520	42
1050	•	•	•	•	80	2 x 40	680	35
1200	•	•	•	•	90	2 x 40	875	27
1350	•	•	•	•	95	2 x 40	1025	23
1500	•	•	•	•	100	2 x 40	1215	19
1800		•	•	•	115	3 x 45	1730	13
2100		•	•	•	125	4 x 45	2185	10
2400		•	•	•	140	3 x 50	2700	8
2700		•	•	•	175	4 x 50	3800	6
3000		•	•	•	210	4 x 50	5050	4

All dimensions and weights are approximate, customers should ensure that lifting equipment has sufficient capacity to allow for variations.

## Soakaway Rings Data

Soakaway Ring	Perforations per section (75mm Ø)					
	0.5m deep		0.75m deep		1.0m deep	
	Rows	Perfs. per Row	Rows	Perfs. per Row	Rows	Perfs. per Row
900	2	3	3	3	4	3
1050	2	3	3	3	4	3
1200	2	4	3	4	4	4
1350	2	4	3	4	4	4
1500	2	5	3	5	4	5
1800	2	6	3	6	4	6
2100	2	6	3	6	4	6
2400	2	7	3	7	4	7
2700	2	8	3	8	4	8
3000	2	9	3	9	4	9

All dimensions and weights are approximate, customers should ensure that lifting equipment has sufficient capacity to allow for variations.