

Flow Rates

Harmer SML Soil & Waste System

Ref: FR004DR

Notes:

- Flow rates are in litres per second.
- Maximum flow capacities of Harmer SML pipes, flowing at various gradients, with pipes flowing full (ks value = 0.6).
- System design may limit soil and waste flow rates below these values.
- Higher flow rates will be possible for rainwater pipework.
- For vertical flow capacities refer to BS EN 12056: 2000, Parts 2 and 3.

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Harmer SML Lightweight Cast Iron Soil & Waste System

Pipe Dia (mm)	Vertical	1 in 40 Gradient	1 in 60 Gradient	1 in 80 Gradient	1 in 100 Gradient
50	1.7	1.46	1.19	1.03	0.92
70	4.1	4.29	3.50	3.03	2.71
100	10.71	9.24	7.55	6.54	5.50
125	17.4	16.8	13.7	11.9	10.6
150	31.6	27.3	22.3	19.3	17.2
200	68.0	58.7	47.9	41.5	37.1
250	110.6	106.0	86.9	75.2	67.3
300	200.6	173.0	141.0	122.0	109.0
400	-	416.7	339.9	294.1	262.82