

PERCOLATION TEST RESULTS

(A worked example is shown overleaf)

Applicant name:

Site address:

Building Regulation application number:

STAGE 1 – Calculation of the average time for the water to soakaway and calculation of the V_p

	Hole 1	Hole 2	Hole 3	Total Time (Seconds)
Time taken in seconds for the water level to drop from 75% full to 25% full (225mm to 75mm)	2500	3300	3200	9000

Total time (seconds)	Average time
$9000 \div 3 = 3000$	$3000 \div 150 = 20 V_p$

STAGE 2 - Calculation of the area of the drainage trench required (M2)

Potential number of occupants*	Percolation test result (V_p)
$4 \times 20 = 80$	$80 \times 0.25 = 20-24m$

* A single dwelling up to three bedrooms is considered to have 5 occupants. One extra person is added for each bedroom over three. Where this calculation will exceed 12 people please contact Building Control for advice.