

Laboratory Test Sheet

FALLING HEAD PERMEABILITY TEST - BS 1377 Part 5 Draft/KH Head

Client :	<u>Alfred McAlpine Civil Engineering</u>	Site :	<u>Stanton North Phase II</u>
Client Ref :	<u>12345</u>	Lab. Ref :	<u>10073</u>
Supplier :		Job No :	<u>B4240/96V</u>
Material Type :	<u>Sub-base</u>	Source :	
Material Name :	<u>Type 1 Sub-base</u>	Specification :	<u>Type 1 Sub-base</u>
		Stone Type :	<u>Not Known</u>

WEIGHT OF MOULD INITIAL WET WEIGHT + MOULD FINAL WET WEIGHT + MOULD TIN NUMBER WEIGHT OF TIN FINAL WET WEIGHT + TIN TIME & DATE IN OVEN TIME & DATE OUT OF OVEN 1 DRY WEIGHT + TIN TIME IN OVEN > 4 HOURS TIME OUT OF OVEN 2 DRY WEIGHT + TIN A DIFF. IN WT(1) AND WT(2) B INITIAL WET WT W 0.1% IS A < B	(g) (g) (g) (g) (g) (g) (g) (g) (g)	INITIAL MASS OF MOISTURE FINAL MASS OF MOISTURE DRY WEIGHT INITIAL MOISTURE CONTENT FINAL MOISTURE CONTENT INITIAL BULK DENSITY FINAL BULK DENSITY DRY DENSITY	(g) (g) (g) (%) (%) (Mg/m3) (Mg/m3) (Mg/m3)
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$$\frac{a l}{A T} W \log_e \frac{H_0}{H_i} = \text{Coefficient of Permeability}$$

		Test 1	Test 2	Test 3	Test 4
a	Area of Standpipe (cm ²)				
l	Length of Sample (m)				
A	Area of Sample (cm ²)				
Ho	Initial Head (m)				
Hi	Final Head (m)				
	Date Started				
	Time Started				
	Date Finished				
	Time Finished				
t	Time of Test (seconds)				
Coefficient of Permeability		m/s	m/s	m/s	

Remarks:

Comments : _____
 Tested By : _____ Date : _____ Checked By : _____ Date : _____
 Check Level (1/2/3)

Notes : * Delete as applicable