

Laboratory Test Sheet

FLAKINESS INDEX DETERMINATION BS 812 : PART 105.1 : 1989

Client : <u>Alfred McAlpine Civil Engineering</u>	Site : <u>Stanton North Phase II</u>
Client Ref. : <u>12345</u> Lab. Ref. : <u>10073</u>	Job No. : <u>B4240/96V</u> Date Received : <u>04/09/1996</u>
Supplier :	Source :
Material Type : <u>Sub-base</u>	Specification : <u>Type 1 Sub-base</u>
Material Name : <u>Type 1 Sub-base</u>	Aggregate Type : <u>Not Known</u>

Sieve Analysis Data			Flakiness Index Data				
BS Sieve	Weight Retained	% Retained	Wt. to be included in Test Portion (g)	Riffled Wt. 1 where allowed	Apperture Size	Weight Passing Sieve/Gauge*	
						Actual	Corrected
50 mm					63 - 50 mm		
37.5 mm					50 - 37.5 mm		
28 mm					37.5 - 28 mm		
20 mm					28 - 20 mm		
14 mm					20 - 14 mm		
10 mm					14 - 10 mm		
6.3 mm					10 - 6.3 mm		
	M1 =		M2 =			M3 =	

M1 = Total Mass of Sample

M2 = Total Mass of Fractions greater than 5% of M1

M3 = Total Mass of Fractions passing Flakiness Sieve/Gauge*

$$\text{Flakiness Index} = \frac{M3 \times 100}{M2} =$$

Comments : _____

Tested By : _____ Date : _____ Checked By : _____ Date : _____

Check Level (1 / 2 / 3)*

Notes : * - Delete as applicable

1 - Before riffling individual fractions check table 3 for allowable sub-division masses