

Laboratory Test Sheet

Clay Bricks - BS 3921 : 1985

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>	Stone Type : <u>Not Known</u>

Equipment Check
 Calibration Check
 Sieve Check
 Compaction Spec.

Dimensions	Length (mm)	Width (mm)	Height (mm)
Overall Measurement of 24 bricks			
Specification	5085 - 5235 (mm)	2415 - 2505 (mm)	1515 - 1605 (mm)
Individual Brick Tolerance (Max)	225 (mm)	112.5 (mm)	75 (mm)

For Saturation (24 hrs)	Date	Frog Filling (24 hrs)	Date	For 2nd Saturation (3 days)	Date
	Time in Tank		Time on Floor		Time in Tank
	Date		Date		Date
	Time out Tank		Time off Floor		Time out Tank

Brick no.	1	2	3	4	5	6	7	8	9	10						
Length																
(mm) Width																
Height																
Cross-Section Area of Bedface (mm2)																

Compression Strength															
Maximum Load (n)															
Compressive Strength N/mm2															

Water Absorption

For Drying (48 hrs)	Date	Frog Boiling (5 hrs)	Time start	Cooling (16-19 hrs)	Mean of 10 results
	Time in Oven		Time finish		
	Date			Date	
	Time out Oven				

Wt of Dried Specimen (A)	(g)													
Wt of Wet Specimen (B)	(g)													
Wt Of Absorbed Water (B-A)	(g)													
Water Absorption ((B-A)/A)*100														

Mean of 10 results = _____ N/mm2

- Notes:**
1. Report Compressive Strength to nearest 0.1N/mm2
 2. Report Water Absorption to nearest 0.1%
 3. Report Dimensions to nearest 1mm

Remarks:

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

Notes : * Delete as applicable