



GEOLAB (M) SDN. BHD. (REG. NO: 210351-V)

Foundation, Soil & Concrete Specialists.
380-380A, Jalan Simbang, Taman Perling, 81200 Johor Bahru, Johor, Malaysia.
Tel: 07-2364932 / 2379814 Fax: 07-2364931
E-mail: tmnetjb@tm.net.my / geolab@tm.net.my
Website: www.geolab1991.com

Our Ref.

GLSB/CV/R0221/05

Date

13 August 2005

Page

1 of 2

TEST REPORT

(This report is issued subject to the conditions set out overleaf)

- Subject Matter** : Determination of **Water Absorption for Concrete (1)** on one set of concrete stone veneer sample submitted
- Tested For** : **MSSR. CRAFTSTONE INTERNATIONAL SDN BHD**
BATU 35, JALN AIR HITAM, BUKIT BATU,
81000 KULAI JOHOR
- Client** : **MSSR. CRAFTSTONE INTERNATIONAL SDN BHD**
- Test Methods** :
- | Test | Reference Methods |
|------------------------------|--|
| Water Absorption Of Concrete | Submitted by client
(Refer to Note 1) |
- Project** : **INTERNAL TESTING**
- Date Received** : 10 August 2005
- Sample Description** : A) Concrete Stone Veneer
- Conditions of Receipts** : Ten numbers of concrete stone veneers were received.
- Results** : Refer to Table 1: Results of analysis

Authorized Signatories

Amelia Md. Som
Chemist, AMIC
M.Eng (Env). B.Sc. App.Chem. (Hons).
Dip. In Microbiology

Adiputera Md. Som
Asst. Engineer
Dip. Eng (Civil)

Our Ref.

GLSB/CH/R0221/05

Date

13 August 2005

Page

2 of 2

Table 1 : Water Absorption

SAMPLE REFERENCE	UNIT	1	2	3	4	5	6	7	8	9	10
Condition of sample	GOOD / POOR COMPACTION / HONEYCOMB / ETC	GOOD									
Date tested ^{Note 2} (Placed In Oven)		10 August 2005									
Length	m	0.505	0.505	0.503	0.505	0.506	0.505	0.502	0.505	0.502	0.502
Diameter	m	0.097	0.098	0.099	0.098	0.099	0.100	0.098	0.098	0.098	0.099
Dry Mass (A)	kg	1.588	1.794	1.755	1.633	1.804	1.641	1.686	1.568	1.780	1.783
Wet Weight (B)	kg	1.756	1.988	1.919	1.785	1.993	1.841	1.835	1.742	1.974	1.978
Measured Absorption [(B-A) / A] x 100	%	10.6	10.8	9.3	9.3	10.5	12.2	8.8	11.1	10.9	10.9

Note 1

- Oven dry samples at 105°C for 24 hours
- Set samples at normal room temperature for one hour
- Take unit weight of each sample
- Completely immersed the samples into room temperature water for half an hour
- Dry samples with cloth and remove excess water on surface of sample
- Take unit weight of each wet sample

Note 2

The samples are kept at room temperature before commencement of test.

