

TESTECH SDN. BHD. (207361-H)

Materials, Structures and Geotechnical Testing



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MS ISO/IEC 17025
TESTING
SAMM NO. 225
SAMM NO. 373

TEST REPORT

ISSUED BY : KUALA LUMPUR OFFICE

REPORT NO. : CON 018/17/R 0398

DATE : 5-May-17

PAGE NO. : 1 OF 2

- | | | | |
|---|----------------------|---|--|
| 1 | Test Requested | : | Water Absorption on Concrete Specimens |
| 2 | Customer | : | RELYON PRODUCTS SDN BHD 56, Jalan 6/2 Bandar Rinching, Seksyen 6 43500 Semenyih Selangor Darul Ehsan. |
| 3 | Project | : | Internal Testing |
| 4 | Date Tested | : | 2-May-17 |
| 5 | Category of Testing | : | Laboratory Testing |
| 6 | Test Method | : | BS 1881 : Part 122 : 2011 |
| 7 | Equipment Serial No. | : | - E02/02(Balance), E03/01(Caliper) & E09/2A(Oven) - Traceable to Pyrometro. |
| 8 | Remarks | : | a) The above test is solely based on the sample submitted by customer. b) No copy of this report is valid without special original red stamp. |

The accuracy of test measurements are probability at 95% confidence level.

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Lab. Ref : C291/17

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DETERMINATION OF WATER ABSORPTION

Customer : RELYON PRODUCTS SDN BHD
 Project : Internal Testing
 Structure : **Products : DRITECH SUPER PRIMER F1** Date Apply : 20-Apr-17
 Drilled By : Zul
 Date Tested : 2-May-17 Tested By : Zul

Test Environmental Condition :- Temperature, °C : 29.6 Relative Humidity (RH), % : 69.0 - 71.0

TEST METHOD : BS 1881 : Part 122 : 2011

| Specimen Markings | 1 | 2 | 3 |
|--|------------|------------|------------|
| Date of Cast | - | - | - |
| Drilling Date | - | - | - |
| Date of Placing Specimen in Oven | - | - | - |
| Date of Immerse Specimen in Water | - | - | - |
| Age of specimen at date of test (days) | 12 | 12 | 12 |
| Specimen before oven – dried | | | |
| Mass in air (kg) | 0.8058 | 0.7991 | 0.8035 |
| Mass in water (kg) | 0.4643 | 0.4585 | 0.4616 |
| Saturated density (kg/m ³) | 2360 | 2350 | 2350 |
| Length of specimen (mm) | 75.0 | 75.0 | 75.0 |
| Diameter (mm) | 75.0 | 75.0 | 75.0 |
| Cross Sectional Area (mm ²) | 4418 | 4418 | 4418 |
| Specimen after oven – dried for 72 ± 2 h and cool for 24 ± 0.5h | | | |
| Mass of specimen after oven-dried but before soaking. (kg) | 0.7814 | 0.7840 | 0.7871 |
| Mass of specimen after soaking for 30 ± 0.5 min. (kg) | 0.7830 | 0.7854 | 0.7887 |
| Measured Absorption (%) | 0.2 | 0.2 | 0.2 |
| Corrected Absorption (%) | 0.2 | 0.2 | 0.2 |
| Measurement Uncertainty (%) | ± 0.01 | ± 0.004 | ± 0.01 |
| Correction factor to the length of specimen | 1.00 | 1.00 | 1.00 |

Certified By,

Yap Seow Keong
Technical Manager



Prepared by : Aida
Checked by : Afifa