

TEST REPORT

Date of Experiment: 27 September, 2020

Time: 11.30 AM

Date of Production: 26 August, 2020

Requested By: Production Engineer (Block)

Specimen Type: 240 mm Hollow Block

Dimension: L390 X H190 X W190 mm

Quantity: 03 pcs

Name of the Test: Water Absorption Test [ASTM C67]

Project/Client name: Italian Thai Development Company Limited

Experiment Details:

No.	Saturated Weight Ws (Kg)	Dry weight Wd (Kg)	Weight Difference	Absorption percentage
01.	27.56	25.35	2.21	8.72%
02.	27.51	25.33	2.18	8.6%
03.	27.53	25.53	2.18	8.54%

Related Theories:

Saturated Weight = W_s

Dry Weight = W_d

Water Absorption = $\left(\frac{W_s - W_d}{W_d}\right) \times 100$ %

Comments/Recommendation:

Should be kept between 8 to 10%

Countersigned By

AGM

QA & QC

Test performed by

Lab Technician