



No. 0307/ **16759**

To FERRO CONSTRUCTION PRODUCT CO., LTD.

The Department of Science Service presents the test report for the sample named "FERROCEM 520 SKIM COAT GRAY POWDER (SMOOTH) 0.5 - 2 mm" Laboratory No. L63/06468.1 as the total of 1 sample with reference to the request No. L63/06468 dated 15 July 2020.

Enclosed herewith the following result avails for your acknowledgement.

Department of Science Service

27 October 2020



Division of Engineering Materials

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TEST REPORT

Sample's name

FERROCEM 520 SKIM COAT
GRAY POWDER (SMOOTH)
0.5 - 2 mm

Mark / Brand

FERRO

Laboratory No.

L63/06468.1

Test Results

Compressive strength, MPa

- at 1 day

2.28

- at 28 days

7.89

Water retention, %

103.11

Initial setting time, min

464

Final setting time, min

635

Linear shrinkage at 28 days, %

- 0.173

Adhesive strength at 14 days, MPa

0.56

Nanthawat

Laboratory No. L63/06467.1

Customer's name FERRO CONSTRUCTION PRODUCT CO., LTD.
Customer's address 144 Moo 1, Malaiman Road, Thungkhok, Songphinong, Suphanburi
72110
Sample's description White powder
Test date 10 September 2020 - 8 October 2020
Test method 1. Compressive strength : ASTM C109/C109M - 20b
2. Water retention : ASTM C1506 - 17
3. Time of setting : ASTM C191 - 19
4. Linear shrinkage : ASTM C531 - 18
5. Adhesive strength : ASTM C1583/C1583M - 20
Remark The ratio of water : sample = 35 : 100 by weight

Approved by

Anon Pomprasit

(Mr. Anon Pomprasit)

Scientist, Senior Professional Level

Reported by

Nantharat Niumpan

(Miss Nantharat Niumpan)

Scientist, Practitioner Level