



No. 0307/ **16941**

To FERRO CONSTRUCTION PRODUCT CO., LTD.

The Department of Science Service presents the test report for the sample named "FERROCEM 520 SKIM COAT WHITE POWDER (SMOOTH) 0.5 - 2 mm" Laboratory No. L63/06467.1 as the total of 1 sample with reference to the request No. L63/06467 dated 15 July 2020.

Enclosed herewith the following result avails for your acknowledgement.

Department of Science Service



Division of Engineering Materials

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## TEST REPORT

### Sample's name

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

### Mark / Brand

FERRO

### Laboratory No.

L63/06467.1

## Test Results

Compressive strength, MPa

- at 1 day	1.98
- at 28 days	7.07

Water retention, %

104.46

Initial setting time, min

497

Final setting time, min

634

Linear shrinkage at 28 days, %

- 0.269

Adhesive strength at 14 days, MPa

1.02

*Nantharat*

This report is only valid for the sample received. The above statement is not intended for advertising purposes and shall not be partially reproduced or manifested without the written permission from the Department of Science Service.

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 Niunpan*

(Miss Nantharat Niunpan)

Scientist, Practitioner Level