



No. 0307/ **18396**

To FERRO CONSTRUCTION PRODUCT CO., LTD.

The Department of Science Service presents the test report for the sample named “FERROCRETE 217” Laboratory No. L62/07949.1 as the total of 1 sample with reference to the request No. L62/07949 dated 24 October 2019.

Enclosed herewith the following result avails for your acknowledgement.



Division of Engineering Materials

Tel. 0 2201 7130

Fax 0 2201 7127

E-mail : physics@dss.go.th



TEST REPORT

Sample's name
FERROCRETE 217

Mark / Brand
FERRO

Laboratory No.
L62/07949.1

Test Results

Initial flow, mm	109.13
Flow retention, mm	
- at 20 min	95.30
- at 30 min	81.43
Healing time, min	25
Initial setting time, min	80
Final setting time, min	130
Compressive strength, MPa	
- at 1 day	0.53
- at 7 days	14.30
- at 28 days	23.08
Flexural strength, MPa	
- at 1 day	0.31
- at 28 days	7.06
Bond strength by slant shear at 28 days, MPa	9.18

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.

Department of Science Service, Ministry of Higher Education Science Research and Innovation

Rama VI Road, Ratchathewi, Bangkok 10400, Thailand

Laboratory No. L62/07949.1

Customer's name FERRO CONSTRUCTION PRODUCT CO., LTD.
Customer's address 144 Moo 1, Malaiman Road, Thungkok, Songphinong, Suphanburi
Sample's description Grey powder
Test date 29 October 2019 – 9 December 2019
Test method 1. Initial flow, Flow retention, Healing time, Setting time,
Compressive strength, and Flexural strength
: ASTM C1708/C1708M – 16
2. Bond strength by slant shear : ASTM C882/C882M – 13a
Remark The ratio of water : sample = 20 : 100 by weight

Approved by



(Mr. Anon Pomprasit)

Scientist, Senior Professional Level

Reported by



(Miss Nantharat Niumpan)

Scientist, Practitioner Level

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.

Department of Science Service, Ministry of Higher Education Science Research and Innovation

Rama VI Road, Ratchathewi, Bangkok 10400, Thailand