

SIRIM QAS International Sdn. Bhd. (410334-X)

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TEST REPORT

REPORT NO: 2019CB1131 PAGE: 1 OF 2

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THIS TEST REPORT IS ISSUED IN SECURED PDF SOFTCOPY

Applicant : VIVO RAISER SDN BHD

No: 9 & 10, Jalan PKNK 3/7,

Kawasan Perindustrian Sungai Petani,

08000 Sungai Petani

Kedah

Manufacturer : VIVO RAISER SDN BHD

Product : TPS Green

Reference Standard /

: BS EN 1015-11: 1999,

Method of Test

Methods of test for mortar for masonry - Part 11: Determination of flexural

and compressive strength of hardened mortar

Description of sample /

Description of Test

: One (1) bag of 5 kg sample (mixed with TPS Green + Portland-Composite

Cement + Fine Sand) was received for testing.

Specimen Brand: TPS

Product description: Mortar Additives for Bricklaying, Rendering &

Plastering.

Date Received of

Complete Application

: 26 March 2019

Job No. : J20191430585

Description of Test

Results / Overall Test

: The test results of the submitted test sample are described in Page 2 of

this test report.

Result

Issued Date : 13 June 2019

Approved Signatories;

(HANON NAZIR BIN MOHD BA

Senior Testing Executive

(RA

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CONSTRUCTION SECTION

OR SIHA BÎNTI RAJA ABDUL HANAN)

Head

Civil & Construction Section **Testing Services Department** REPORT NO: 2019CB1131 PAGE: 2 OF 2

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TEST RESULTS:

Product : TPS Green

Mix ratio : 2 g TPS Green + 1 kg Portland-Composite Cement + 4 kg Fine Sand +

1.25 litre of water

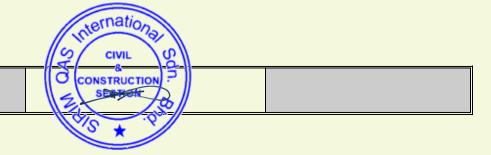
Method of test : BS EN 1015-11: 1999,

Methods of test for mortar for masonry - Part 11: Determination of

flexural and compressive strength of hardened mortar

NO.	TYPE OF TEST METHOD	TEST RESULTS
1.	Determination of Flexural & Compressive Strength (28 days)	Flexural Strength 1) 1.7 N/mm² 2) 1.5 N/mm² 3) 1.6 N/mm² Mean: 1.6 N/mm² Compressive Strength 1) 5.5 N/mm² 2) 5.6 N/mm² 3) 5.4 N/mm² 4) 5.4 N/mm² 5) 5.6 N/mm² 6) 5.6 N/mm² Mean: 5.5 N/mm²

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- 6. If such approval is obtained from the Managing Director of SIRIM QAS International, the Applicant may only include the phrase, "A sample of this product has been tested by SIRIM QAS International ... (Test Report No) ... (dated) (for what test) ... (to which standard)" or such similar words which stress that only the Sample was actually tested. This phrase shall only be used for the purpose of product advertisement or product promotion (eg; brochures). For avoidance of doubt, the statement shall not be used on the sample and packaging of the sample.
- 7. In the event there is an investigation from a Government Regulatory Agency concerning the Applicant's Test Report, SIRIM QAS International may disclose the information pertaining to the Test Report for purposes of such investigation.
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 - a) Informing and placing a notice in the media;
 - b) Obtaining an injunction from Court (cost on a solicitor-client basis to be borne by the Applicant);
 - c) Refusing to accept any further Product for Testing Services from the Applicant or whosoever related to the Applicant, whether subsidiary or otherwise;
 - d) Instructing the Applicant to withdraw and recall the advertisement, statement or document in question and advertise a clarification and apology to SIRIM QAS International, SIRIM and/or other SIRIM's subsidiaries twice in a national publication of SIRIM QAS International's choice at the Applicant's sole cost; and
 - e) Informing or lodging a report pertaining the Applicant's Test Report with the relevant authorities.
- 10. Certified true copies of the Test Report may be issued upon request by the Applicant upon payment of the relevant fee.
- 11. Corrections to test report shall only be allowed within 6 months from issuance date of the test report and shall be limited to maximum 3 times, after either case whichever occurs earlier, a new test report shall be issued and replace the previous one (having error(s) or lack of information). Issuance of Supplementary Report to the original Test Report shall be for the followings;
 - a) Misprints and typo errors
 - b) Missing technical information
 - c) Test data not reported
 - d) Mistake in reporting of test data