

TEST REPORT

REPORT NO : 2019CB1130	PAGE : 1 OF 2
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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 Blue

Reference Standard / 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

Description of sample / Description of Test Specimen : One (1) bag of 5 kg sample (mixed with TPS Blue + Portland-Composite Cement + Fine Sand) was received for testing.
Brand: TPS
Product description: Mortar Additives for Bricklaying, Rendering & Plastering.

Date Received of Complete Application : 26 March 2019

Job No. : J20191430584

Description of Test Results / Overall Test Result : The test results of the submitted test sample are described in Page 2 of this test report.

Issued Date : 13 June 2019

Approved Signatories;

(HANON NAZIR BIN MOHD BASIR)
Senior Testing Executive



(RAJA NOR SIHA BINTI RAJA ABDUL HANAN)
Head
Civil & Construction Section
Testing Services Department

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TEST RESULTS:

Product : TPS Blue
 Mix ratio : 2 g TPS Blue + 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)	<u>Flexural Strength</u> 1) 0.8 N/mm ² 2) 0.6 N/mm ² 3) 0.8 N/mm ² Mean: 0.8 N/mm ² <u>Compressive Strength</u> 1) 2.5 N/mm ² 2) 1.9 N/mm ² 3) 2.1 N/mm ² 4) 1.9 N/mm ² 5) 2.1 N/mm ² 6) 2.4 N/mm ² Mean: 2.2 N/mm ²

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 - 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.
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 - a) Misprints and typo errors
 - b) Missing technical information
 - c) Test data not reported
 - d) Mistake in reporting of test data