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## TEST REPORT

REPORT NO : 2020CB0086	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 Crack Sealer

Reference Standard / Method of Test : ASTM D412-16,  
Standard Test Methods for Vulcanized Rubber and Thermoplastic  
Elastomers – Tension

Description of sample / Description of Test Specimen : Five (5) sheets membrane (21 cm x 29.6 cm) of TPS Crack Sealer were  
received for testing.  
Brand: TPS  
Product Description: PU Base Crack Protection Product

Date Received of Complete Application : 14 November 2019

Job No. : J20191431458

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

Issued Date : 30 January 2020

Approved Signatories;

(HANON NAZIR BIN MOHD BASIR)  
Senior Testing Executive



(RAJAH OR SIHA BINTI RAJA ABDUL HANAN)  
Head  
Civil & Construction Section  
Testing Services Department

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**TEST RESULTS:**

Product : TPS Crack Sealer  
 Average thickness : 1.02 mm  
 Method of Test : ASTM D412-16,  
 Standard Test Methods for Vulcanized Rubber and Thermoplastic  
 Elastomers – Tension

NO.	TYPE OF TEST METHODS	TEST RESULT
1.	Determination of Tensile Strength Type Method A: Dumbbell (Die C)	1) 0.99 N/mm <sup>2</sup> 2) 0.94 N/mm <sup>2</sup> 3) 0.94 N/mm <sup>2</sup> 4) 0.84 N/mm <sup>2</sup> 5) 0.87 N/mm <sup>2</sup> 6) 0.95 N/mm <sup>2</sup> 7) 0.95 N/mm <sup>2</sup> Mean: 0.93 N/mm <sup>2</sup>
2.	Determination of Elongation at Break Type Method A: Dumbbell (Die C)	1) 318.9 % 2) 296.6 % 3) 295.4 % 4) 360.3 % 5) 327.9 % 6) 319.1 % 7) 315.9 % Mean: 319.2 %

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5. Customer (Applicant/Manufacture/Factory, etc.) is not permitted to use any SIRIM QAS International, SIRIM or other SIRIM's subsidiaries logo or words on packaging, sample's manual, technical specification, brochures/flyers or any other means without the prior written approval from the Chief Executive Officer of SIRIM QAS International.
6. If such approval is obtained from the Chief Executive Officer 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.
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11. Issuance of Amendment Report due to the following reasons are chargeable to the Applicant :
  - a) Changes in details of the Applicant name and/or address;
  - b) Changes in details of the Manufacturer's name and/or address;
  - c) Changes in details of the Factory location name and/or address;
  - d) Changes in details of the model and/or type designation
12. However, issuance of Supplementary Report due to the following reasons are FOC :
  - a) Misprints and typo errors;
  - b) Missing technical information as agreed in PP1 form;
  - c) Test data not reported;
  - d) Mistake in reporting of test data
13. Corrections to report shall only be allowed if the date of issuance of the original report has not exceeded 6 months and shall be limited to maximum 3 times, after either case whichever occurs earlier, an Amendment or a Supplementary Report shall not be issued.