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TEST REPORT

REPORT NO : 2023CB0369	PAGE : 1 OF 3
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Applicant : VIVO RAISER SDN BHD
No.9 & 10, Jalan PKNK 3/7,
Kawasan Perusahaan Sungai Petani,
08000 Sungai Petani,
Kedah, Malaysia

Manufacturer : same as above

Product : TPS Thin Bed Adhesive Premium

Reference Standard / Method of Test : BS EN 12004-2: 2017,
Adhesives for ceramic tiles. Test methods
Clause 8.6: Determination of transverse deformation of cementitious
adhesive (C)

Description of sample : One (1) bag of 5 kg TPS Thin Bed Adhesive Premium was received for
testing.
Product description: Cementitious tile adhesive

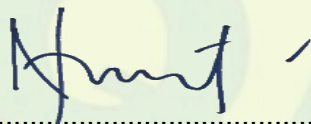
Date Received of Complete Application : 27 March 2023

Job No. : J20231430198

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

Issued Date : 15 June 2023

Approved Signatory;


.....
(NUR AIN BINTI KHAIRUDDIN)
Testing Executive




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

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TEST RESULT:

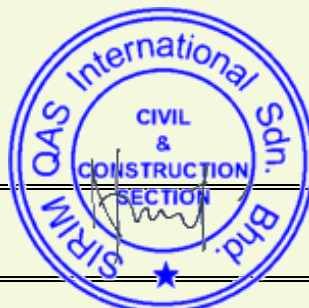
Product : TPS Thin Bed Adhesive Premium
Mix ratio : 27.5 % of water
Method of test : BS EN 12004-2: 2017,
Adhesives for ceramic tiles. Test methods
Clause 8.6: Determination of transverse deformation of cementitious
adhesive (C)

NO.	TYPE OF TEST METHOD	TEST RESULTS
1.	Determination of deformation adhesive of cementitious adhesive	1) 2.67 mm 2) 2.61 mm 3) 2.71 mm 4) 2.52 mm 5) 2.60 mm 6) 2.59 mm Mean: (2.62 ± 0.01*) mm

Note:

- 1) Where the reported uncertainty is calculated using a coverage factor $k=2$, which gives a level of confidence of approximately 95%.
2) *Denotes measurement uncertainty
3) Testing period – 9th May 2023 to 06th June 2023
4) Testing location - Civil & Construction Laboratory, Building 22, SIRIM Complex, Shah Alam, Selangor

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1. A Test Report will be issued in respect of Testing Services conducted and shall relate only to the sample actually tested. SIRIM QAS International makes no warranty whatsoever and the Applicant shall not represent in any manner that any duplication or mass production of the Product is same as the sample actually tested or that SIRIM QAS International has tested any of the duplicated or mass-produced Product. Measurement uncertainty shall be included in the Test Report when there is no statement of conformity required. When a statement of conformity to a specification or standard is applied, the Simple Acceptance Rule is used. Unless otherwise stated, the Acceptance Rule with Guard Band is used.
2. The Test Report shall not be misused, amended, changed, varied or modified in any manner whatsoever by the Applicant or otherwise.
3. If the Test Report is to be furnished to any third party or to the public, each such Test Report shall be furnished in full, legible and in its entirety.
4. The Test Report shall not be reproduced and shall not in any event be used for any advertising purposes or whatsoever without written approval from the Head of Quality, Occupational Safety and Health & Environment (QOSHE) of SIRIM QAS International of No 1, Persiaran Dato Menteri, Building 8, Section 2, P.O. Box 7035, 40700 Shah Alam, Selangor Darul Ehsan.
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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.
8. In the event the Applicant is found in breach of this provision, SIRIM QAS International, SIRIM and/or other SIRIM's subsidiaries without prejudice to any other rights and remedies may take whatever action necessary including but not limited to:
 - 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.
9. SIRIM QAS International is committed in supporting an environmentally-friendly business practices by reducing paper consumption, therefore we do not issue any hard copy of Test Report to the Applicant. However, additional certified true copy(ies) or softcopy of the Test Report may be issued upon request by the Applicant upon payment of the relevant fee. The certified true copy(ies) or softcopy of test report shall only be given for test report issued not more than three (3) years from the date of issuance.
10. 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
11. 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
12. 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 a maximum 3 times, after either case whichever occurs earlier, an Amendment or a Supplementary Report shall not be issued.