



**SIRIM QAS International Sdn. Bhd.** (410334-X)  
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## TEST REPORT

REPORT NO : 2019MT0381	PAGE : 1 OF 6
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### THIS TEST REPORT IS ISSUED IN SECURED PDF SOFTCOPY

Applicant : PA VISION SDN. BHD.  
22-1, Off Jalan Klang Lama, Jalan Awan Makmur,  
Taman OUG Square, 58200 Kuala Lumpur,  
Wilayah Persekutuan Kuala Lumpur.

Manufacturer : DATA CLEAN (SHANGHAI) CO., LTD.  
Shanghai, China.

Product : RAISED ACCESS FLOOR SYSTEM

Reference Standard / Method of Test : MOB PF2 PS/SPU : 1992 - Platform Floors (Raised Access Floors)  
Clause T1 – Concavity and Convexity  
Clause T2 – Twist  
Clause T3 – Panel Squareness  
Clause T7 – 300 mm Square Point Loading Test  
Clause T8 – 25 mm Square Point Loading Test  
Clause T10 – Uniformly Distributed Load Test  
Clause T13 – Hard Body Impact Test

Description of sample / Description of Test Specimen : Ten (10) samples of Raised Access Floor System were received for testing.  
Brand : VISIONTEC  
Grade : Medium  
Model : UB800  
Rating : 3.6 kN  
Size : 600 mm (W) x 600 mm (L) x 35 mm (H)

Date Received of Complete Application : 22 February 2019

Job No. : J20191430338

Description of Test Results / Overall Test Result : This test report covers only test clauses as requested by Applicant to SIRIM QAS International Sdn. Bhd. The test results for the submitted test samples as described in this test report complied with the requirements of the above reference standard at the respective clauses tested.

Issued Date : 02 July 2019

Approved Signatories;

(MOHAMAD RAZIQI BIN SHA'DUN)  
Testing Executive



(DALHA BIN KATNI @ RAHMAT)  
Head  
Materials Integrity Section  
Testing Services Department

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**SAMPLE REFERENCE : ACCESS RAISED FLOOR SYSTEM**  
**STANDARD REFERENCE : MOB PF2 PS/SPU : 1992**

CLAUSE		REQUIREMENT		RESULTS		REMARKS	
T1 CONCAVITY AND CONVEXITY							
Maximum Concavity (mm)		0.75 max.		S1	0.27	Pass	
				S2	0.47	Pass	
				S3	0.53	Pass	
				S4	0.10	Pass	
				S5	0.15	Pass	
Maximum Convexity (mm)		0.75 max.		S1	0.08	Pass	
				S2	0.07	Pass	
				S3	0.02	Pass	
				S4	0.20	Pass	
				S5	0.18	Pass	
T2 TWIST							
Twist (mm)		1.0 max.		S1	0.15	Pass	
				S2	0.23	Pass	
				S3	0.32	Pass	
				S4	0.00	Pass	
				S5	0.20	Pass	
T3 PANEL SQUARENESS							
Panel Squareness (%)		0.06 max.		S1	0.00	Pass	
				S2	0.06	Pass	
				S3	0.00	Pass	
				S4	0.06	Pass	
				S5	0.06	Pass	



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CLAUSE	REQUIREMENT	RESULTS		REMARKS
T7 300 mm SQUARE POINT LOADING TEST				
LOAD APPLIED : 4.5 kN (AT CENTRE OF FIRST PANEL)				
Deflection (mm)	2.4 max.	INSTANT	1.72	Pass
		23 hours	1.72	Pass
		24 hours	1.72	Pass
Stability (mm)	0.02 max.	0.00		Pass
Residual deflection 2 hours after load was removed (mm)	0.5 max.	0.01		Pass
LOAD APPLIED : 4.5 kN (AT CENTRE EDGE OF SECOND PANEL)				
Deflection (mm)	2.4 max.	INSTANT	1.85	Pass
		23 hours	1.85	Pass
		24 hours	1.85	Pass
Stability (mm)	0.02 max.	0.00		Pass
Residual deflection 2 hours after load was removed (mm)	0.5 max.	0.02		Pass
LOAD APPLIED : 4.5 kN (AT ADJACENT EDGE OF SECOND PANEL)				
Deflection (mm)	2.4 max.	INSTANT	1.75	Pass
		23 hours	1.77	Pass
		24 hours	1.77	Pass
Stability (mm)	0.02 max.	0.00		Pass
Residual deflection 2 hours after load was removed (mm)	0.5 max.	0.06		Pass



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CLAUSE	REQUIREMENT	RESULTS		REMARKS
T8	25 mm SQUARE POINT LOADING TEST			
LOAD APPLIED : 3.0 kN (AT CENTRE OF FIRST PANEL)				
Deflection (mm)	2.4 max.	INSTANT	1.77	Pass
		23 hours	1.77	Pass
		24 hours	1.77	Pass
Stability (mm)	0.02 max.	0.00		Pass
Residual deflection 2 hours after load was removed (mm)	0.5 max.	0.00		Pass
LOAD APPLIED : 3.0 kN (AT CENTRE EDGE OF SECOND PANEL)				
Deflection (mm)	2.4 max.	INSTANT	2.02	Pass
		23 hours	2.03	Pass
		24 hours	2.03	Pass
Stability (mm)	0.02 max.	0.00		Pass
Residual deflection 2 hours after load was removed (mm)	0.5 max.	0.01		Pass
LOAD APPLIED : 3.0 kN (AT ADJACENT EDGE OF SECOND PANEL)				
Deflection (mm)	2.4 max.	INSTANT	2.08	Pass
		23 hours	2.01	Pass
		24 hours	2.01	Pass
Stability (mm)	0.02 max.	0.00		Pass
Residual deflection 2 hours after load was removed (mm)	0.5 max.	0.02		Pass
LOAD APPLIED : 3.0 kN (AT POINT ALONG A DIAGONAL OF THIRD PANEL)				
Deflection (mm)	2.4 max.	INSTANT	0.79	Pass
		23 hours	0.80	Pass
		24 hours	0.80	Pass
Stability (mm)	0.02 max.	0.00		Pass
Residual deflection 2 hours after load was removed (mm)	0.5 max.	0.01		Pass



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CLAUSE	REQUIREMENT	RESULTS		REMARKS
T10	UNIFORMLY DISTRIBUTED LOAD TEST			
LOAD APPLIED : 8.0 kN/m <sup>2</sup>				
(AT CENTRE OF PANEL)				
Deflection (mm)	2.4 max.	INSTANT	0.92	Pass
		23 hours	0.92	Pass
		24 hours	0.92	Pass
Stability (mm)	0.02 max.	0.00		Pass
Residual deflection 2 hours after load was removed (mm)	0.5 max.	0.04		Pass
(AT CENTRE EDGE)				
Deflection (mm)	2.4 max.	INSTANT	0.59	Pass
		23 hours	0.58	Pass
		24 hours	0.58	Pass
Stability (mm)	0.02 max.	0.00		Pass
Residual deflection 2 hours after load was removed (mm)	0.5 max.	0.03		Pass



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CLAUSE	REQUIREMENT	RESULTS	REMARKS
<b>T13 HARD BODY IMPACT TEST</b>			
<b>STEEL INDENTOR WEIGHT : 4.5 kg (WITH 50 mm HEMISPHERICAL END)</b>			
<b>HEIGHT OF DROPPED : 600 mm</b>			
Centre of panel	The specimen should not collapse on or after any impact but careful observation shall be made to determine whether any damage has occurred.	The sample did not collapse. Identification mark was observed on surface panel.	Pass
Centre edge		The sample did not collapse. Identification mark was observed on surface panel.	Pass
Adjacent edge		The sample did not collapse. Identification mark was observed on surface panel.	Pass
50mm from a corner of the panel on the diagonal		The sample did not collapse. Identification mark was observed on surface panel.	Pass



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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.
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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 Managing Director of SIRIM QAS International.
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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.
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