

TEST REPORT

(This Report is issued subject to the terms & conditions set out below)

Setesco Services Pte Ltd
 18 Teban Gardens Crescent
 Singapore 608925
 Tel : (65) 6566 7777
 Fax: (65) 6566 7718
 www.setesco.com
 Business Reg. No. 196900269D

Your Ref: -

Our Ref: CT-8500099820/JAS/2

Date: 20/03/2020

Page 1 of 1

Subject : Flexural strength test on GRFC panel submitted by Opai (Singapore) Pte Ltd on 25/02/2020.

Tested for : **OPAI (SINGAPORE) PTE LTD**
 1 Bukit Batok Crescent
 #18-14 WCEGA Plaza
 Singapore 658064
 Attn: Mr Huang Long Bo

Method of test : Flexural Strength : BS EN 1170-4:1998

Description of sample : Six numbers of approximately 50x15x328mm GFRC panel were received.

Results :

Table 1: Flexural Strength at 28 days

Specimen Reference	1	2	3	1	2	3
Orientation of mould face	Down			UP		
Width (mm) b	51.34	51.38	50.72	50.93	50.99	51.26
Thickness (mm) d 1	14.21	15.07	14.04	14.96	14.61	15.03
Thickness (mm) d 2	14.37	15.07	14.04	14.96	13.87	14.81
Length (mm) l	327	327	328	327	328	327
Span (mm) L	300					
Failure load (N) F _{mor}	370.8	269.7	352.1	348.7	364.8	371.3
Stress on Failure (N/mm ²)	10.61	10.32	9.79	9.17	10.59	8.34
Average Stress on Failure (N/mm ²)	9.80					


 Suresh Mehnan
 Testing Officer


 Jasbeer Singh
 Engineer (CMTD)
 Construction Technology Division

Terms & Conditions:

- (1) The Report is prepared for the sole use of the Client and is prepared based upon the Item submitted, the services required by the Client and the conditions under which the Services are performed by SETSCO. The Report is not intended to be representative of similar or equivalent Services on similar or equivalent items. The Report does not constitute an endorsement by SETSCO of the item.
- (2) SETSCO agrees to use reasonable diligence in the performance of the Services but no warranties are given and done may be implied directly or indirectly relating to the Services, the Report or the facilities of SETSCO.
- (3) SETSCO shall under no circumstances be liable to the Client or its agents, servants or representatives, in contract, tort (including negligence or breach of statutory duty) or otherwise for any direct or indirect loss or damage suffered by the Client, its agents, servants or representative howsoever arising or whether connected with the Services provided by SETSCO herein.
- (4) The Report may not be used in any publicity material without the written consent of SETSCO.
- (5) The Report shall not be reproduced in part or in full unless approval in writing has been given by SETSCO.



LA-1993-0051-C LA-1998-0144-D
 LA-1993-0067-G LA-2000-0181-F
 LA-1994-0068-A LA-2012-0519-E
 LA-1987-0001-B LA-1987-0001-B-1