

TEST REPORT

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Our Ref: CT-8500099820/JAS/1

Date: 16/03/2020

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Subject : Compressive strength test on GRFC cube submitted by Opai (Singapore) Pte Ltd on 20/02/2020.

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

Method of test : Compressive Strength : ASTM C109: 2016a

Description of sample : Twelve numbers of 50mm GFRC cube were received.



Suresh Mehnan
Testing Officer



Jasbeer Singh
Engineer (CMTD)
Construction Technology Division

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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

Results:

Table 1: Compressive Strength at 7 days

Sample Reference	GFRC					
Specimen Reference	1	2	3	4	5	6
Date of Cast	14/02/2020					
Date of Test	21/02/2020					
Age of Test (days)	7					
Size of Cube (mm)	50					
Compressive Strength (N/mm ²)	28.1	26.6	24.6	25.9	27.2	28.6
Average Compressive Strength (N/mm ²)	26.8					

Table 2: Compressive Strength at 30 days

Sample Reference	GFRC					
Specimen Reference	1	2	3	4	5	6
Date of Cast	15/02/2020					
Date of Test	16/03/2020					
Age of Test (days)	28					
Size of Cube (mm)	50					
Compressive Strength (N/mm ²)	30.9	31.7	33.6	32.4	32.3	33.0
Average Compressive Strength (N/mm ²)	32.3					

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