



KUMARAGURU COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

(Approved by AICTE / Affiliated to Anna University, Chennai/ Accredited by NBA)

Post Box No. 2034 – COIMBATORE – 641049

DEPARTMENT OF CIVIL ENGINEERING
STRUCTURAL TECHNOLOGY CENTER

Ref : KCT / CE / STC /055/ 2018-19

November 29, 2018

TEST REPORT

Name of the Client : M/s Sharstar Ventures,
34-35, Peelamedu Industrial Estate,
V.K.Road, Peelamedu,
Coimbatore - 641004

Reference : Letter dated 17th November 2018

Type : Raised Access Floor Panel Core Testing


Size of the Panel Core : 300mm x 300mm x 30mm

Concentrated / Point Load Test

Sample No	Size in mm	Deflection (mm)	Concentrated Load (KN)	Remarks
1	300x300x30	1.90	10	Tested as Per IS 1237 - 2012
2	300x300x30	1.85	10	
3	300x300x30	1.99	9	

Density Test

Sample No	Size in mm	Density (Kg/ m ³)
1	300x300x30	1544.44
2	300x300x30	1470.37
3	300x300x30	1500.00


Staff In-charge


HOD Civil Engineering

STRUCTURAL TECHNOLOGY CENTER
DEPARTMENT OF CIVIL ENGINEERING
KUMARAGURU COLLEGE OF TECHNOLOGY
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Uniform Strength

Sample No	Size in mm	Uniform Load (KN)	Strength (N/mm ²)	Remarks
1	300x300x30	374	4.15	Tested as Per IS 1121 - Part - 1
2	300x300x30	361	4.01	
3	300x300x30	350	3.88	

Impact Test

Sample No	Size in mm	Energy observed in Joules
1	300x300x30	335.50
2	300x300x30	559.17
3	300x300x30	335.50

Ultimate Test

Sample No	Size in mm	Ultimate Load in KN
1	300x300x30	More than 3000
2	300x300x30	More than 3000
3	300x300x30	More than 3000


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