



"Intelligence with Integrity"

STRUCTWEL/ NM/ Level 1		ACCREDITED LABORATORY BASED ON ISO/IEC 17025	
Rev. No. 03	Rev. Date: 27/07/2020		
Discipline: Mechanical	Group: Building Materials		



TEST REPORT NO. & DATE

R&D/LAB/SAN/2020-21/SAN0291220/9121
ULR No. :TC528221000002746F
12/03/2021

1. Name & Address of Customer

M/s. Krishna Sizing
Gala no ,202, Building No 1, Pratham industrial estate, Tungareshwar junction,
W.E.Highway, Sativali , Vasai (E) - 401 208.

2. Project / Site

Self

3. Customer's Reference

QTN/VP/2019-20/111620 Date : 20.02.2020

4. Sample

i) Description

Tiles (Chequered Cement Concrete)

ii) Quantity

12 Nos.

iii) Date of receipt

22/02/2021

iv) Condition

Acceptable

5. Test method followed, if any

IS 13801 : 2013 (RA 2018)

6. Date of Testing

23/02/2021

TEST REPORT OF CONCRETE TILES

TYPE OF TILE

Chequered Tiles

I. WATER ABSORPTION TEST

Sr. No.	ID. Mark	Oven dry weight of Tile (W ₁) kg.	Weight of Tile after immersion in water (W ₂) kg.	Water Absorption (W ₂ - W ₁ / W ₁ x 100) %
1.	--	3.242	3.436	5.98
2.	--	3.324	3.581	7.73
3.	--	3.251	3.457	6.34
4.	--	3.321	3.540	6.59
5.	--	3.271	3.495	6.85
6.	--	3.398	3.603	6.03

Avg.: 6.59

Requirement as per IS 13801:2013 (RA 2018) - Max.=10%

II. WET TRANSVERSE TEST

Sr. No.	Specimen Size (mm)	Transverse Strength N/mm ²
1.	300 X 300 X 19.22	4.09
2.	300 X 300 X 19.10	3.23
3.	300 X 300 X 18.00	4.25
4.	300 X 300 X 19.50	3.00
5.	300 X 300 X 19.10	4.36
6.	300 X 300 X 18.80	4.17

Avg.: 3.85

Requirement as per IS 13801:2013 (RA 2018)

Min.= 3 N/mm²

NOTE :

- This test report refers only to the sample submitted for testing.
- This test report is valid at the time of and under the conditions specified herein.
- This test report may not be reproduced in part, without the permission of this laboratory.
- Any correction invalidates this test report.
- *-- Data provided by client.

Vikram Parmar

Authorised Signatory

SST/N/LAB/Tech Report/2020-21/Test Report/2020-21/Nabl/Phy/Tile/SAN0291220

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STRUCTWEL/ NM/ Level/ IV/ Phy/TR/Con./Tiles/003e	
Rev. No. 03	Rev. Date: 27/07/2020
Discipline: Mechanical	Group: Building Materials

TEST REPORT NO. & DATE : R&D/LAB/SAN/2020-21/SAN0291220/9123
12/03/2021

1. Name & Address of Customer : M/s. Krishna Sizing
Gala no ,202, Building No 1, Pratham industrial estate, Tungareshwar junction,
W.E.Highway, Sativali , Vasai (E) - 401 208.

2. Project / Site : Self

3. Customer's Reference : QTN/VP/2019-20/111620 Date : 20.02.2020

4. Sample

i) Description	: Tiles (Chequered Cement Concrete)
ii) Quantity	: 12 Nos.
iii) Date of receipt	: 22/02/2021
iv) Condition	: Acceptable

5. Test method followed, if any : IS 13801 : 2013 (RA 2018)

6. Date of Testing : 23/02/2021



TEST REPORT OF CONCRETE TILES

TYPE OF TILE : Chequered Tiles

**I. RESISTANCE TO WEAR
(#ABRASION TEST)**

Sr. No.	Specimen Size (mm)	Resistance To Wear mm
1.	300 X 300 X 19.22	1.03
2.	300 X 300 X 19.10	1.04
3.	300 X 300 X 18.00	0.98
4.	300 X 300 X 19.50	1.02
5.	300 X 300 X 19.10	1.08
6.	300 X 300 X 18.80	0.99

Avg.: 1.02

Requirement as per IS 13801:2013 (RA 2018)

Average = 3.5 mm Max. (General purpose chequered tiles)

Average = 2.0 mm Max. (Heavy duty chequered tile)

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