



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

5676
 Engr. Ubaid

To: Mr. M. Ali Ghaffar
 GM, Punjab Tiles, Manufacturers of Mosaic Tiles & Tuff Pavers.

Project: Nil

Our Ref. No. CL/CED/ 2655

Dated: 17-08-23

Test Specification

Your Ref. No. Nil

Dated: 07-08-23

(----)

COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: **07-08-23** Tested on: **10-08-23** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Terrazzo Tile (White)	25	7	2023	5.8 x 5.9 x 1	---	1435	34.22	150	9819	---	Cut Piece
2	Terrazzo Tile (White)	25	7	2023	5.8 x 5.9 x 1	---	1400	34.22	150	9819	---	Cut Piece
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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5676
 Dr. Qasim Khan

To: Mr. M. Ali Ghaffar
 GM, Punjab Tiles, Manufacturers of Mosaic Tiles & Tuff Pavers.

Project: Nil

Our Ref. No. CL/CED/ 2656

Dated: 17-08-23

Test Specification

Your Ref. No. Nil

Dated: 07-08-23

(----)

COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 07-08-23 **Tested on:** 17-08-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Terrazzo Tile (Red)	25	7	2023	5.8 x 5.9 x 1	---	1465	34.22	190	12437	---	Cut Piece
2	Terrazzo Tile (Red)	25	7	2023	5.8 x 5.9 x 1	---	1475	34.22	188	12306	---	Cut Piece
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Director/Dy. Director Concrete Laboratory



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 Dr. Qasim Khan

To: Mr. M. Ali Ghaffar
 GM, Punjab Tiles, Manufacturers of Mosaic Tiles & Tuff Pavers.

Project: Nil

Our Ref. No. CL/CED/ 2657

Dated: 17-08-23

Test Specification

Your Ref. No. Nil

Dated: 07-08-23

(----)

COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 07-08-23 **Tested on:** 17-08-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Terrazzo Tile (Grey)	25	7	2023	5.8 x 5.8 x 1	---	1340	33.64	198	13184	---	Cut Piece
2	Terrazzo Tile (Grey)	25	7	2023	5.8 x 5.8 x 1	---	1315	33.64	180	11986	---	Cut Piece
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

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5730
 Dr. Qasim Khan

To: Mr. Shahid Javed, Assistant Resident Engineer
 16 City of Punjab, Package-III (Kamalia). MM Pakistan (Pvt) Ltd.

Project: Rehabilitation of Existing Roads with Tuff Pavers in Kamalia (Package III PCP). Testing of Tuff Pavers Samples Jointly Collecting from Site of (Izhar Pvt. Ltd.)

Our Ref. No. CL/CED/ 2658

Dated: 17-08-23

Test Specification

Your Ref. No. KM/PKG03/19

Dated: 08-08-23

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COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: **17-08-23** Tested on: **17-08-23** in dry/wet condition

Sr. No.	Mark*	Casting Date*				Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY									
1	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3705	30.42	120	8836	---	---	
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3830	30.42	117	8615	---	---	
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3695	30.42	120	8836	---	---	
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3780	30.42	117	8615	---	---	
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.2	---	3800	30.42	101	7437	---	---	
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3805	30.42	110	8100	---	---	
7	Rectangular, Red, 80mm	---	---	---	7.7 x 3.8 x 3.2	---	3840	29.26	106	8115	---	---	
8	Rectangular, Red, 80mm	---	---	---	7.7 x 3.8 x 3.2	---	3805	29.26	106	8115	---	---	
9	Rectangular, Red, 80mm	---	---	---	7.7 x 3.8 x 3.2	---	3745	29.26	110	8421	---	---	
10	Rectangular, Red, 80mm	---	---	---	7.7 x 3.8 x 3.2	---	3695	29.26	100	7656	---	---	
11	Rectangular, Red, 80mm	---	---	---	7.7 x 3.8 x 3.2	---	3675	29.26	101	7732	---	---	
12	Rectangular, Red, 80mm	---	---	---	7.7 x 3.8 x 3.2	---	3800	29.26	101	7732	---	---	
13	---	---	---	---	---	---	---	---	---	---	---	---	
14	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by: Mr. Abdul Manan, CNIC # 33100-2512148-3

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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