



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.

5105
 Dr. Umbreen

To: Mr. Ijaz Ahmad
 Nasir Colony, Shahdara, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 1740

Dated: 14-04-23

Test Specification

Your Ref. No. Nil

Dated: Nil

(----)

COMPRESSION TEST REPORT



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

Specimens received on: Tested on: 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 (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	---	---	---	---	3x3x3	---	960	9	2.5	612	---	Cut Cube
2	---	---	---	---	3x3x3	---	945	9	4.5	1102	---	Cut Cube
3	---	---	---	---	3x3x3	---	975	9	4	980	---	Cut Cube
4	---	---	---	---	3x3x3	---	970	9	2.5	612	---	Cut Cube
5	---	---	---	---	3x2.8x2.8	---	875	8.4	8.5	2230	---	Cut Cube
6	---	---	---	---	3x3x2.8	---	960	9	3	735	---	Cut Cube
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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"diax12" 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



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.

5072
Dr. Umbreen

To: Mr. Junaid Ahmed Khan
Prominent Engineering & General Services, Johar Town, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 1741

Dated: 14-04-23

Test Specification

Your Ref. No. Nil

Dated: 06-04-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 06-04-23 Tested on: 13-04-23 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 (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Tile Bond Rhino Brand	9	3	2023	2.1x2.1x2.0	---	230	4.41	1.8	900	---	---
2	Tile Bond Rhino Brand	9	3	2023	2.1x2.1x2.2	---	245	4.41	1.5	750	---	---
3	Tile Bond Rhino Brand	9	3	2023	2.1x2.0x2.0	---	250	4.2	2.5	1312	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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"diax12" 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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ORIGINAL
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5003
 Dr. M. Yousaf

To: Engr. Hamza
 Site Engineer, Architects InDesign

Project: Plot No. 07, Block Q, Gulberg-II, Lahore

Our Ref. No. CL/CED/ 1742

Dated: 14/4/2023

Test Specification

Your Ref. No. Nil

Dated: 03-03-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **27/03/2023** Tested on: **14/4/2023** 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	---	28	2	2023	6Diax12	---	12.4	28.28	45	3564	---	Non Engraved
2	---	28	2	2023	6Diax12	---	13	28.28	43	3406	---	Non Engraved
3	---	28	2	2023	6Diax12	---	13	28.28	73	5782	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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"diax12" 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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ORIGINAL
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5110
 Dr. M. Yousaf

To: Sub Divisional Officer
 Buildings Sub Division Narowal.

Project: Retrofitting of Partially Dangerous Building at Government High School Saddowala.

Our Ref. No. CL/CED/ 1743

Dated: 14/4/2023

Test Specification

Your Ref. No. 123/NL

Dated: 20-02-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 12-04-23 **Tested on:** 14/4/2023 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	Roof Slab (1:2:4)	20	1	2023	6x6x6	---	8.2	36	57	3547	---	Non Engraved
2	Roof Slab (1:2:4)	20	1	2023	6x6x6	---	8	36	57	3547	---	Non Engraved
3	Roof Slab (1:2:4)	20	1	2023	6x6x6	---	8	36	84	5227	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5096
 Dr. M. Yousaf

To: Mr. Waqas Ali
 VARIANT, 25-t gulberg 2, lahore

Project: Ground Floor (Columns, CL-14, CL-16, CL-17, CL-18, CL-19, CL-20, CL-21, CL-22, SH-04)

Our Ref. No. CL/CED/ 1744

Dated: 14/4/2023

Test Specification

Your Ref. No. VA/29/73

Dated: 06-04-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **10/04/2023** Tested on: **14/4/2023** 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	E to H, 1 to 5	6	3	2023	6Diax12	---	14.2	28.28	106	8396	---	Non Engraved
2	E to H, 1 to 5	6	3	2023	6Diax12	---	14.6	28.28	100	7921	---	Non Engraved
3	E to H, 1 to 5	6	3	2023	6Diax12	---	14	28.28	101	8000	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: M. Khurram, CNIC 35201-2458690-9

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
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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5024
 Dr. M. Yousaf

To: Mr. Waqas Ali
 VARIANT, 25-t gulberg 2, lahore

Project: Basement-1 Columns C-4

Our Ref. No. CL/CED/ 1745

Dated: 14/4/2023

Test Specification

Your Ref. No. VA/29/72

Dated: 22-03-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **28-03-23** Tested on: **14/4/2023** 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	Grid H, 3 to 5	13	2	2023	6Diax12	---	14.2	28.28	111	8792	---	Non Engraved
2	Grid H, 3 to 5	13	2	2023	6Diax12	---	15	28.28	101	8000	---	Non Engraved
3	Grid H, 3 to 5	13	2	2023	6Diax12	---	14	28.28	90	7129	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: M. Khurram, CNIC 35201-2458690-9

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

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ORIGINAL
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5024
 Dr. M. Yousaf

To: Mr. Waqas Ali
 VARIANT, 25-t gulberg 2, lahore

Project: Basement-1 U.G.W.T Slab Pour-2

Our Ref. No. CL/CED/ 1746

Dated: 14/4/2023

Test Specification

Your Ref. No. VA/29/70

Dated: 22/3/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 28/03/2023 **Tested on:** 14/4/2023 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	Grid H, 3 to 5	9	2	2023	6Diax12	---	13.4	28.28	76	6020	---	Non Engraved
2	Grid H, 3 to 5	9	2	2023	6Diax12	---	14	28.28	83	6574	---	Non Engraved
3	Grid H, 3 to 5	9	2	2023	6Diax12	---	13.4	28.28	69	5465	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: M. Khurram, CNIC 35201-2458690-9

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

- * as engraved on the specimens (if any)
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Director/Dy. Director Concrete Laboratory



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5024
 Dr. M. Yousaf

To: Mr. Waqas Ali
 VARIANT, 25-t gulberg 2, lahore

Project: Basement-1 U.G.W.T Walls

Our Ref. No. CL/CED/ 1747

Dated: 14/4/2023

Test Specification

Your Ref. No. VA/29/69

Dated: 22/3/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **28/03/2023** Tested on: **14/4/2023** 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	Grid G to H, 1 to 3	6	2	2023	6Diax12	---	14	28.28	107	8475	---	Non Engraved
2	Grid G to H, 1 to 3	6	2	2023	6Diax12	---	13	28.28	67	5307	---	Non Engraved
3	Grid G to H, 1 to 3	6	2	2023	6Diax12	---	13.2	28.28	100	7921	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: M. Khurram, CNIC 35201-2458690-9

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"diax12" 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



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.

5069
 Dr. Wasim Abbas

To: Senior Project Manager
 Shifa Development Services Pvt Ltd.

Project: Under Construction Site of Shifa National Hospital, Opposite Al-Qadar Garden, Lahore
 Sheikhpura Road, Faisalabad.

Our Ref. No. CL/CED/ 1748

Dated: 14/4/2023

Test Specification

Your Ref. No. SNHF/SDS/CT/11

Dated: 05-04-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 06/04/2023 **Tested on:** 13-04-23 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	Lift Wall, Block-C (4000 Psi)	5	3	2023	6Diax12	---	12.8	28.28	61	4832	---	Non Engraved
2	Lift Wall, Block-C (4000 Psi)	5	3	2023	6Diax12	---	13.8	28.28	65	5149	---	Non Engraved
3	Lift Wall, Block-C (4000 Psi)	5	3	2023	6Diax12	---	12.4	28.28	55	4356	---	Non Engraved
4	Roof Slab, Block-A (3000 Psi)	11	3	2023	6Diax12	---	12.2	28.28	37	2931	---	Non Engraved
5	Roof Slab, Block-A (3000 Psi)	11	3	2023	6Diax12	---	12.6	28.28	61	4832	---	Non Engraved
6	Roof Slab, Block-A (3000 Psi)	11	3	2023	6Diax12	---	12.6	28.28	41	3248	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
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"diax12" 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



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.

5097
 Dr. M. Yousaf

To: Mr. Muhammad Asif
 Project Manager, Imperium Developers

Project: Construction of Sixty6 at Gulberg-III, Lahore

Our Ref. No. CL/CED/ 1749

Dated: 14/4/2023

Test Specification

Your Ref. No. IMP/PM/66/09/50

Dated: 10-04-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/04/2023 Tested on: 14/4/2023 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	---	1	3	2023	6Diax12	---	12.6	28.28	69	5465	---	Non Engraved
2	---	1	3	2023	6Diax12	---	13.2	28.28	70	5545	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: M. Husnain, CNIC: 35202-6634387-3

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"diax12" 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



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.

5097
 Dr. M. Yousaf

To: Mr. Muhammad Asif
 Project Manager, Imperium Developers

Project: Construction of Sixty6 at Gulberg-III, Lahore

Our Ref. No. CL/CED/ 1750

Dated: 14/4/2023

Test Specification

Your Ref. No. IMP/PM/66/09/51

Dated: 10-04-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/04/2023 **Tested on:** 14/4/2023 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	---	3	3	2023	6Diax12	---	13.2	28.28	62	4911	---	Non Engraved
2	---	3	3	2023	6Diax12	---	12.6	28.28	69	5465	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: M. Husnain, CNIC: 35202-6634387-3

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"diax12" 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



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.

5097
 Dr. M. Yousaf

To: Mr. Muhammad Asif
 Project Manager, Imperium Developers

Project: Construction of Sixty6 at Gulberg-III, Lahore

Our Ref. No. CL/CED/ 1751

Dated: 14/4/2023

Test Specification

Your Ref. No. IMP/PM/66/09/52

Dated: 10-04-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/04/2023 Tested on: 14/4/2023 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	---	5	3	2023	6Diax12	---	13.6	28.28	69	5465	---	Non Engraved
2	---	5	3	2023	6Diax12	---	13.2	28.28	66	5228	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: M. Husnain, CNIC: 35202-6634387-3

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"diax12" 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



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.

5104
 Dr. Wasim Abbas

To: Mr. Arfan Nazir
 Manager Civil, NISHAT MILLS LIMITED

Project: Construction of Nishat Stitching-Bath Division U-95

Our Ref. No. CL/CED/ 1752

Dated: 14/4/2023

Test Specification

Your Ref. No. NDF/CT/009

Dated: 06-04-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 12/04/2023 **Tested on:** 13-04-23 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	4th Floor Slab (7-10/A-F) (C-30)	26	3	2023	6x6x6	---	8.2	36	83	5164	---	Non Engraved
2	4th Floor Slab (7-10/A-F) (C-30)	26	3	2023	6x6x6	---	8.2	36	59	3671	---	Non Engraved
3	4th Floor Slab (7-10/A-F) (C-30)	26	3	2023	6x6x6	---	8.2	36	65	4044	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
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



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.

5046
 Dr. M. Yousaf

To: Sub Divisional Officer
 Buildings Sub Division, Narowal

Project: Provision of Missing Facilities in Newly Constructed Circuit House Narowal ADP No. 3614 for the Year 2022-23.

Our Ref. No. CL/CED/ 1753

Dated: 14/4/2023

Test Specification

Your Ref. No. 34/NL

Dated: 14/1/2023

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 03-04-23 **Tested on:** 14-04-23 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	555	---	---	---	8.4 x 4.2 x 2.7	---	2595	35.28	20	1270	---	---	
2	555	---	---	---	8.4 x 4 x 2.8	---	2295	33.6	21	1400	---	---	
3	555	---	---	---	8.3 x 4.1 x 2.6	---	2550	34.03	20	1316	---	---	
4	555	---	---	---	8.4 x 4 x 2.6	---	2415	33.6	21	1400	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
9	---	---	---	---	---	---	---	---	---	---	---	---	
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12	---	---	---	---	---	---	---	---	---	---	---	---	
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15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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.

4193
 Dr. M. Yousaf

To: Mr. Sultan Nadeem
 Managing Director, Chenab Orchard Phase#2 Gujrat

Project: CHENAB ORCHARD, A Project of Melhi Group

Our Ref. No. CL/CED/ 1754

Dated: 14/4/2023

Test Specification

Your Ref. No. Nil

Dated: Nil

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 07-11-22 **Tested on:** 14/4/2023 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	A	---	---	---	8.5 x 4.2 x 3	2945	2395	35.7	31	1945	22.96	---	
2	A	---	---	---	8.6 x 4.2 x 2.6	3045	2510	36.12	25	1550	21.31	---	
3	A	---	---	---	8.5 x 4.2 x 2.8	3090	2505	35.7	20	1255	23.35	---	
4	AS	---	---	---	8.3 x 4.1 x 3	3250	2735	34.03	31	2041	18.83	---	
5	AS	---	---	---	8.3 x 4.2 x 3	3185	2610	34.86	23	1478	22.03	---	
6	AS	---	---	---	8.4 x 4.1 x 2.9	3180	2610	34.44	21	1366	21.84	---	
7	7UP	---	---	---	8.5 x 4.1 x 2.9	3090	2505	34.85	20	1286	23.35	---	
8	7UP	---	---	---	8.4 x 4.1 x 2.8	2950	2495	34.44	37	2407	18.24	---	
9	7UP	---	---	---	8.4 x 4.2 x 3	3170	2580	35.28	21	1333	22.87	---	
10	---	---	---	---	---	---	---	---	---	---	---	---	
11	---	---	---	---	---	---	---	---	---	---	---	---	
12	---	---	---	---	---	---	---	---	---	---	---	---	
13	---	---	---	---	---	---	---	---	---	---	---	---	
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



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.

5088
 Dr. M. Yousaf

To: (Engr. M. Usman Meer)
 SINACO Engineers (Pvt) Ltd.

Project: Construction of National Foods Galaxy Project at FIEDMC, Sahianwala, Faisalabad.

Our Ref. No. CL/CED/ 1755

Dated: 14/4/2023

Test Specification

Your Ref. No. 00156-2023

Dated: 07-04-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: **10/04/2023** Tested on: **14/4/2023** 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	Uni-Block, Red, 60mm	---	---	---	2.3 thick	---	3340	36.99	100	6056	---	Izhar Paver	
2	Uni-Block, Red, 60mm	---	---	---	2.3 thick	---	3455	36.99	136	8236	---	Izhar Paver	
3	---	---	---	---	---	---	---	---	---	---	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
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11	---	---	---	---	---	---	---	---	---	---	---	---	
12	---	---	---	---	---	---	---	---	---	---	---	---	
13	---	---	---	---	---	---	---	---	---	---	---	---	
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"diax12" 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



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.

5108
 Dr. M. Yousaf

To: Asstt. Ex: Engineer-III
 Central Civil Division, Pak. P.W.D. Faisalabad.
 Project: Construction of Tuff Tile in Ghulishan Colony Muhammad Khalid to Liaquat House and Link Masjid Siddiquia I Gojra District T.T Singh (12/41). (M/S Chaudhary Mushtaq Ahmed, Government
 Our Ref. No. CL/CED/ 1756 Dated: 14/4/2023
 Your Ref. No. AEE-III/CCD/FSD/85 Dated: 27/2/2023

Test Specification
 (----)

COMPRESSION TEST REPORT



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

Specimens received on: **12-04-23** Tested on: **14/4/2023** 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	Rctangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2705	29.64	92	6953	---	---	
2	Rctangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2795	29.64	146	11034	---	---	
3	Rctangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2665	29.64	116	8767	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
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13	---	---	---	---	---	---	---	---	---	---	---	---	
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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"diax12" 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.

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

5108
 Dr. M. Yousaf

To: Asstt: Ex: Engineer-III
 Central Civil Division, Pak. P.W.D. Faisalabad.
 Project: Construction of Tuff Tile Mochi Road to Samnaabad Muslim College, Tehsil Gojra District Toba Tek Singh (3/41), (M/S Mian Muhammad Afzal & Sons, Government Contractor)
 Our Ref. No. CL/CED/ 1757 Dated: 14/4/2023
 Your Ref. No. AEE-III/CCD/FSD/92 Dated: 27/2/2023

Test Specification
 (----)

COMPRESSION TEST REPORT



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

Specimens received on: **12-04-23** Tested on: **14/4/2023** 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,60 mm	---	---	---	7.8 x 3.8 x 2.3	---	2750	29.64	108	8162	---	---	
2	Rectangular, Grey,60 mm	---	---	---	7.8 x 3.8 x 2.3	---	2770	29.64	98	7406	---	---	
3	Rectangular, Grey,60 mm	---	---	---	7.8 x 3.8 x 2.3	---	2715	29.64	112	8464	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
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15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by:

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

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

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

5108
 Dr. M. Yousaf

To: Asstt: Ex: Engineer-III
 Central Civil Division, Pak. P.W.D. Faisalabad
Project: Construction of Tuff Tile Pensara Gojra Toba Road to Existing Road via Rafey House Tehsil Gojra District Toba Tek Singh, (2/40). (M/S Saeed Ahmad, Government Contractor)
Our Ref. No. CL/CED/ 1758 **Dated:** 14/4/2023 **Test Specification**
Your Ref. No. AEE-III/CCD/FSD/98 **Dated:** 28/2/2023 (----)

COMPRESSION TEST REPORT



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

Specimens received on: 12-04-23 **Tested on:** 14/4/2023 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, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2745	29.64	87	6575	---	---	
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2725	29.64	106	8011	---	---	
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2695	29.64	118	8918	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
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