

52/3. Darul Aman Society, Haider Ali Road, Karachi.

Ph :(021) 34532851 - 34535607 E-mail : info@geotechnicalservices.com.pk Web : www.geotechnicalservices.com.pk

CLIENT

: M/S CONCEPT LOOP

Saif Ahmed Saeed BE (Crvs), M Engg Alf Bengkok

Hasan Ahmed Saeed BE (Civil) M Sc Birmingham, UK Geotechnical Engineer

Maria Khan BE (Urben) NED Geogn Ergeneer

Kainat Qadeer BE ICMI NED Design Engineer

Ref: 12070A/21/12/2023

COMPRESSIVE STRENGTH OF PAVERS

S. NO.	MARKING	PLAN SIZE AREA (cm)	TESTING DATE	COMPRESSIVE STRENGTH		
		(sq.cm)			(kg/ cm²)	(psi)
1.	Eco Pavers	200.00	10 x 20 x 8	21.12.23	547.57	7788
2.	•	-		u	517.48	7360
3.	•	•		•	439.22	6247

NOTE:

Plan area has been calculated as per BS 6717: Part-1.

For GEOTECHNICAL SERVICES

MUHAMMAD AMEEN LABORATORY MANAGER

- The laboratory does not take responsibility for the sample delivered after office hours.
- The results pertain to the samples supplied to the laboratory.



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Maria Khan B E Illman, NED Design Engineer

Kainat Qadeer

B.E. (Crv4) NED Cesign Engineer

Ref: 9308/02/10/2023

COMPRESSIVE STRENGTH OF PAVERS

S. NO.	MARKING	PLAN AREA	SIZE (cm)	TESTING DATE	COMPRESSIVE STRENGTH	
		(sq.cm)	(==/		(kg/ cm²)	(psi)
1.	Grey Pavers	200.00	10 x 20 x 6	02.10.23	328.91	4678
2.	4				318.08	4524

NOTE:

Plan area has been calculated as per BS 6717: Part-1.

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Pakistan Council of Scientific & Industrial Research Laboratories Complex, Karachi

Shahrah-c-Dr. Salimuzzaman Siddiqui,Off University Road, Karachi-75280

Deckle Cit Off Single Car

Some Date: May 1 2017

Sec. # 82 | Rev # 83

TEST REPORT

Test Report #. ILD/ ATR -2023-19650

Date: 16-03-2023

1. Name and Address of Client:

M/s. Concept Loop

Building No 11 C, Khayaban e Abbassi, Phase VII

DHA, Karachi,

Ref. No: ILD/ENQ/-623/2023

Date of receipt: 03-03-2023

2. Description of the Sample:

item: Concrete Paver Mixed with 20% Recycled Plastic Content Lab. Code No: ILD/ ATR -2023-19259

Make: Nil

Mark if any: Nil

Condition found on receipt: Normal

Date of sampling: NA.

3. Test Performed on:

5. Method Used:

07.03.2023 - 16.03.2023

4. Environmental Conditions: Within Acceptable Limits. Temp: Humidity:

(Where applicable)

ASTM C 373, ASTM E136, UTM 5 kN and Lab developed Uncertainty:

6. Measurements & Results:

S. No	Parameter	Results
1	Tension Test (Load)	2307 N
2	Shear Strength	547 psi
3	Water Absorption	7.25 %
4	Fire Rating/ Resistance (750°C for 1 hr)	6.67 %
5	Flexural Strength	5.65 N/mm
6	Specific Gravity	1.93 g/cm ³

7. Statement of Compliance: 8. Opinion / Interpretation (where required):

END OF REPORT

This test report is based solely on the particular sample(s) supplied by the customer and should not be reported in part.

 This test report is based sorely on the particular dependence of the PCSIR Labs and PCSIR does not accept the responsibility that the item(s) supplied is are truly representative item(s). of any batch or stock or entire production

 The properties of the production.
 While the PCSIR agrees to take every reasonable precaution to ensure validity of its test results, it assumes no liability there of beyond the amount of the fee charged for the analysis/test. The customer shall assume full resonsibility for the othical use of the results in the test report and the laboratory shall be held free from any and all

claims, which may result from the use of such data by the customer or others.

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 The contents of this report cannot be, in any manner, used for the publicity of the product or any advertisement.

Uncertainty of measurements can be provided on request.

Incharge

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Maria Khan B E. (Urban), NED Design Engineer

Kainat Qadeer B E. (CM). NED Design Engineer

Ref: 2328/07/03/2024

COMPRESSIVE STRENGTH OF BLOCKS

S. NO.	MARKING	SIZE (inch)	TESTING DATE	COMPRESSIVE STRENGTH (psi)
1.	Processes	6 x 8 x 12	07.03.24	1187
2.	Solid Blocks		M V Company	1155
3.	A STATE OF THE SAME			1405

For GEOTECHNICAL SERVICES

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CLIENT

: M/S CONCEPT LOOP

Saif Ahmed Saeed
BE 10.1. MEng Alf Barquis

Hasan Ahmed Saeed B E (Co.), M Sc. Borningham bik Geobrom and Engineer

Maria Khan

RE (Union NED Cost to Engineer Kainat Qadeer

BE /Con NED Design Engineer

Ref: 10511C/06/11/2023

COMPRESSIVE STRENGTH OF BLOCK

MARKING	SIZE (inch)	TESTING DATE	COMPRESSIVE STRENGTH (psi)
Solid Block	6 x 8 x 12	06.11.23,	843

For GEOTECHNICAL SERVICES

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5020467

St. No. PCSIR-KLC-



Pakistan Council of Scientific & Industrial Research Laboratories Complex, Karachi

Shahrah-e-Dr. Salimuzzaman Siddiqui, Off University Road, Karachi-75280

Issue # 02 Dect KLC/ILO/FF/516/92(NA) Issue Date: May 2, 2017

TEST REPORT

Test Report #. ILD/ATR-2024-26084-2

Date: 02-02-2024

1. Name and Address of Client:

M/s Concept Loop.

Building No. 11 C, Khayaban e Abbasi, Phase VII,

DHA, Karachi

Date of receipt: 11-01-2024

Ref. No: Nil

2. Description of the Sample:

Make: Nil

ltem: EcoBlock Lab. Code No: ILD/ATR-2024-26084-2

Mark if any: Nil

Condition found on receipt: Normal 3. Test Performed on:

15.01.2024 - 01-02-2024

Date of sampling: N.A.

4. Environmental Conditions: Within Acceptable Limits. Temp:---- Humidity:

(Where applicable)

UTM, ASTM C 1585 & Lab developed

Uncertainty:

5. Method Used: 6. Measurements & Results:

Sr. No.	Parameters	Results
1.	Tension Test	520 KPa

7. Statement of Compliance: 8. Opinion / Interpretation (where required):

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Section Incharge

Head of the Centre

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Pakistan Council of Scientific & Industrial Research Laboratories Complex, Karachi

Shahrah-e-Dr. Salimuzzaman Siddlqui, Off University Road, Karachi-75280

Doct KLC/LOTF/510 92(NA) Isone # 02 | Rev # 03 Issue Date: May 2, 2017

TEST REPORT

Test Report #. ILD/ATR-2024-26084-1

Date: 02-02-2024

1. Name and Address of Client:

M/s Concept Loop.

Building No. 11 C, Khayaban e Abbasi, Phase VII,

DHA, Karachi

Ref. No: Nil

Date of receipt: 11-01-2024

2. Description of the Sample: Item: EcoBlock

Make: Nil

Lab. Code No: ILD/ATR-2024-26084-1

Mark if any: Nil

Condition found on receipt: Normal

15.01.2024 - 01-02-2024

Date of sampling: N.A.

3. Test Performed on: 4. Environmental Conditions: Within Acceptable Limits. Temp: Humidity:

(Where applicable) 5. Method Used:

UTM, ASTM C 1585 & Lab developed

6. Measurements & Results:

Uncertainty:

Sr. No.	Parameters	Results
1.	Fire Rating	
	Weight Loss after 3 hrs:	1.053%

N.A.
N.A.

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Pakistan Council of Scientific & Industrial Research Laboratories Complex, Karachi

Shahrah-e-Dr. Salimuzzaman Siddiqui, Off University Road, Karachi-75280

Doc# KLC/1LO/FF/510/02(NA) Issue Date: May 2, 2017

TEST REPORT

Test Report	#.	ILD/ATR-2024-26084-4
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Date: 02-02-2024

1. Name and Address of Client:

M/s Concept Loop.

Building No. 11 C, Khayaban e Abbasi, Phase VII.

DHA, Karachi

Date of receipt: 11-01-2024

Ref. No: Nil

2. Description of the Sample:

Item: EcoBlock

Make: Nil Mark if any: Nil

Lab. Code No: ILD/ATR-2024-26084-4 Condition found on receipt: Normal

15.01.2024 - 01-02-2024

Date of sampling: N.A.

4. Environmental Conditions: Within Acceptable Limits. Temp: Humidity: (Where applicable)

5. Method Used:

3. Test Performed on:

UTM, ASTM C 1585 & Lab developed

6. Measurements & Results:

Uncertainty:

Sr. No.	Parameters	Results
1.	Water Absorption	4.20 %

7. Statement of Compliance:	N.A.	
8. Opinion / Interpretation (where required):	N.A.	_

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Sr. No. PCSIR-KLO

5020470



Pakistan Council of Scientific & Industrial Research Laboratories Complex, Karachi

Shahrah-e-Dr. Salimuzzaman Siddiqui, Off University Road, Karachi-75280

Doc# KLC/II.O/FF/518/02(NA)

Issue Date: May 2, 2017

Isane # 02

TEST REPORT

Test Report #. ILD/ATR-2024-26084-5

Date: 02-02-2024

1. Name and Address of Client:

M/s Concept Loop.

Building No. 11 C, Khayaban e Abbasi, Phase VII,

DHA, Karachi

Ref. No: Nil

Date of receipt: 11-01-2024

2. Description of the Sample:

Item: EcoBlock

Make: Nil

Lab. Code No: ILD/ATR-2024-26084-5

Mark if any: Nil

Condition found on receipt: Normal 3. Test Performed on:

15.01.2024 - 01-02-2024

Date of sampling: N.A.

4. Environmental Conditions: Within Acceptable Limits. Temp:---- Humidity: (Where applicable)

5. Method Used:

UTM, ASTM C 1585 & Lab developed

6. Measurements & Results:

Uncertainty:

Sr. No.	Parameters	Results
1.	Density	1870 kg/m ³

7. Statement of Compliance:	N.A.	_
8. Opinion / Interpretation (where requ	uired): N.A.	

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Prepared by

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