



CDC CONCRETE LTD.

COMPANY PROFILE



CORPORATE OFFICE

House 1292, Avenue 2, Road 17,
Mirpur DOHS, Dhaka 1216, Bangladesh.

BLOCK FACTORY

Samair, Birulia, Savar, Dhaka-1340

0132 2885861 0140 1139944
0140 1139949 0140 1139958

www.facebook.com/cdcconcrete

www.youtube.com/@cdcconcreteltd4847



ABOUT CDC CONCRETE LTD. (CONCRETE BLOCK)

Established in 2020, CDC Concrete Block started maneuvering in the country with a view to supplying high-quality Concrete Block to participate in the prestigious constructions of private and public projects that can contribute to the nations' development and prosperity.

CDC Concrete Limited remains committed to advancing the construction industry by offering high-quality, eco-friendly, and cost-effective building materials while maintaining a strong focus on sustainability and innovation.

Under the dynamic leadership of highly experienced management members the company always thrives in introducing quality products that can meet the domestic demand and go beyond.

We would like to introduce ourselves as a manufacturer of international standard Concrete Block with independent modern factory based on fully mechanized system and latest technology located in the heart of Capital, Samair, Birulia, Savar near Birulia Bridge. By virtue of the long outstanding reputation of CDC Group in the various sector of business we have evolved in the segment of manufacturing Concrete Block and have already captured a remarkable share in the market for our product, which have been appreciated very much by the end users in respect of quality and service. We have experienced professionals, senior officers and personnel as well as highly experienced Transport Team, staff and workers who provide both specialized and general services in various fields of the Ready-Mix

We have 24 hours of delivery system to meet consumers need in flexible time using quality Raw materials from own resources. We strictly ensure our product quality by procuring raw materials from its appropriate sources by maintaining international standard and grade using our own arrangement. Supported by our own professional engineers' team. We always guiding the users regarding all technical as aspects of construction sharing with local engineers & consultants.

VISION

Our Vision is to combine the highest quality products with an unmatched level of market and technical support. We will also ensure the most cost-effective and environment-friendly building solutions and will continue to embrace this philosophy, as our customer base grows.

MISSION

Our Mission defines our Roadmap. We excel to develop and deliver value-added Ready Mix & block products to our esteemed customers, consistently outperform our peers, build enduring relationships with our business associates and stakeholders, provide a dynamic and challenging environment for our employees, and aim to achieve incremental growth of our business thereby having a positive economic and social impact on the community and the nation.

VALUES

We believe in providing infrastructure solutions that are beneficial to both society and our business. Our commitment is to not only supply high-quality building materials but also promote a healthier and safer indoor and outdoor environment.

BACKGROUND OF CONCRETE BLOCK

According to the Bangladesh Brick Manufacturing Owners Association, around 7,000 soil-burning brick kilns produce approximately 25 billion bricks annually, consuming over 1.27 billion cubic feet of topsoil. This extensive use of topsoil negatively impacts agriculture, rendering the land barren for at least three years. Consequently, Bangladesh faces severe environmental degradation due to traditional brick manufacturing.

In response, eco-friendly concrete blocks are emerging as a sustainable alternative. The House Building Research Institute (HBRI), under the Ministry of Housing and Public Works, has been actively researching substitutes for conventional bricks for over 40 years. CDC Concrete Limited is committed to providing high-quality, eco-friendly construction materials that are both cost-effective and energy-efficient. Our products contribute to a healthier environment by minimizing energy consumption related to heating, cooling, and lighting.

Alternative bricks and other environment-friendly concrete products are gaining popularity in the country to meet a growing demand for housing and other infrastructures.

They have brought a tremendous innovation to save the top soil and farmlands across the country which is used for making the traditionally burnt bricks.

It was learnt that Bangladesh constitutes a production of 172 million pieces of brick in a year with an annual 2-3 percent increasing demand.

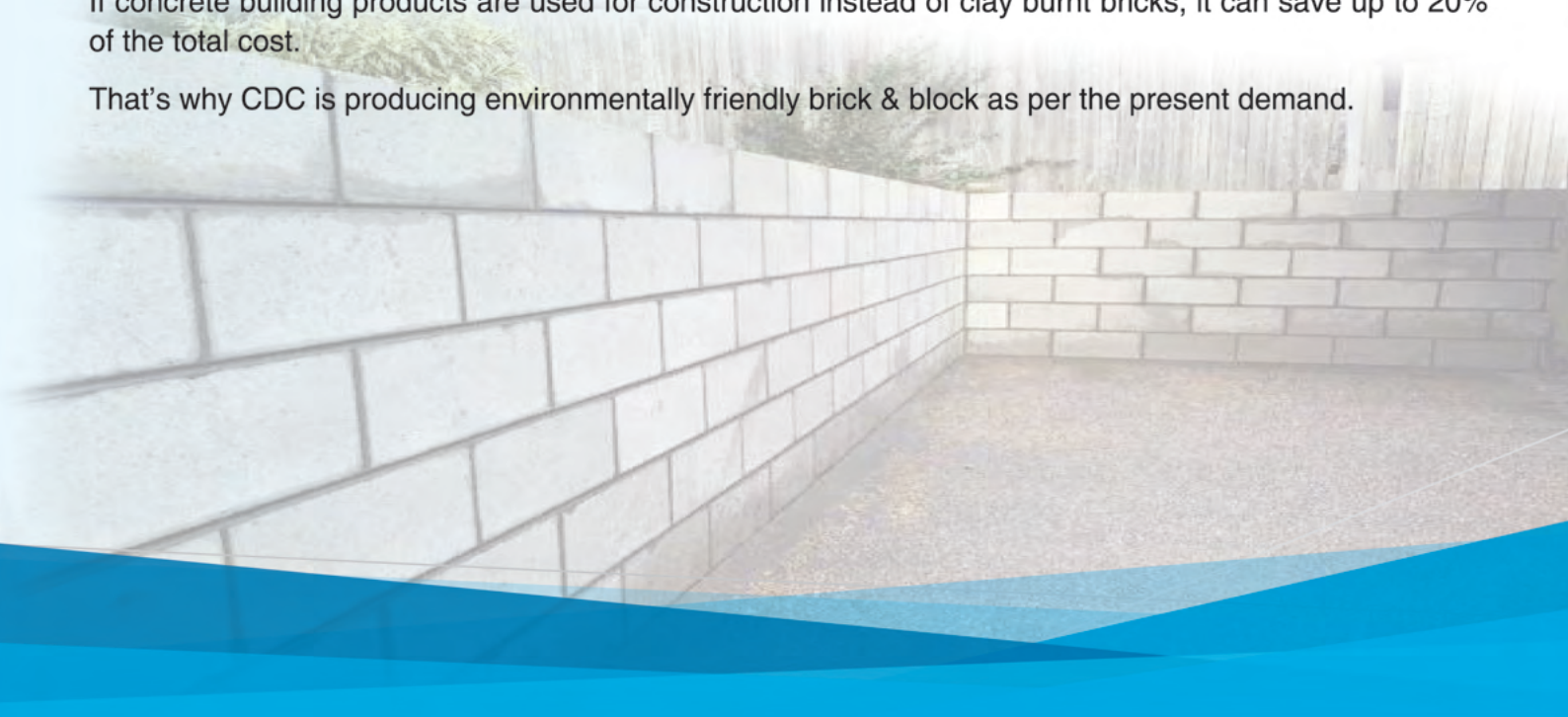
95% of the brick fields across the country use highly polluting fixed chimney kilns while some 150 out of 6600 brick kilns produce brick using modern technology.

Brick kilns are found to be the major reasons behind large chunk of fertile lands losing its fertility and becoming barren.

A recent study by the Department of environment reveals that 58.5% of the total air pollution in Dhaka City is generated by smoke from brick kiln.

If concrete building products are used for construction instead of clay burnt bricks, it can save up to 20% of the total cost.

That's why CDC is producing environmentally friendly brick & block as per the present demand.



SPECIALTIES OF CDC CONCRETE BLOCK

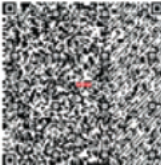
- Latest Technology & Machine
- Qualified QC Team
- Best Quality Materials
- Concrete Blocks are less susceptible to moisture
- Environment friendly
- Concrete Blocks are easy to construct
- Ensures quick construction
- Light Weight Construction (20-30% less weight than conventional Brick)
- Free from Dampness
- Up to 20% cost saving compared to clay brick
- Easier maintenance
- Greater earthquake resistance than traditional brick
- Durable

CDC CONCRETE BOARD OF DIRECTORS

Name of Directors	Position
Umar Farook	Chairman
Engr. Kazi Abid Hasan	Managing Director
Engr. Abu Hasan Masud Ahmed	Executive Director
AFM Ferdousul Alam	Marketing Director
Engr. Syed Shamim Aziz	Director
Kazi Wazed	Director
Shaikh Muhammad Masud	Director
Engr. Md. Asadullah	Director
Nabil Faruk	Director

PAPERS

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Government of the People's Republic of Bangladesh National Board of Revenue	
Taxpayer's Identification Number (TIN) Certificate TIN : 786045891556	
This is to Certify that CDC CONCRETE LTD. is a Registered Taxpayer of National Board of Revenue under the Jurisdiction of Taxes Circle-089 (Company) - Taxes Zone 04, Dhaka.	
Taxpayer's Particulars : 1) Name : CDC CONCRETE LTD. 2) Registered Address/Permanent Address : 28/1, Goran Chelbari, Mirpur, Rupnagar, Dhaka, PO : 1216, Bangladesh 3) Current Address : 28/1, Goran Chelbari, Mirpur, Rupnagar, Dhaka, PO : 1216 4) Previous TIN : Not Applicable 5) Status : Company	
Date : February 26, 2020	
Please Note: (1) This TIN Certificate is for the Purpose of Income and Securities Tax and other Income Tax (Companies, 1988) (2) Applicable to the Purpose of Income and Securities Tax (Income Tax) (3) Privately under section 124, and (4) Privately under section 126 of the Income Tax (Companies, 1988)	
Deputy Commissioner of Taxes Taxes Circle-089 (Company) Taxes Zone-04, Dhaka Address : 21, Porabai Police, Dhaka Phone : 9553333	

**Government of the People's Republic of Bangladesh
National Board of Revenue**

Module 2.3

Customs, Excise and VAT Commissionerate, Dhaka (West)
Mirpur Division

Value Added Tax Registration Certificate

This is to certify that the person whose details are given below is registered under Value Added Tax and Supplementary Duty Act, 2012 (Act No. 47 of 2012)

BIN : 002991232-0401

Name of the Entity	: CDC CONCRETE LTD.
Trading Brand Name	: N/A
Old BIN	: N/A
e-TIN	: 786045891556
Address	: 20/1, Gorancha Bari, Mirpur, Dhaka.; Rupnagar PS; Dhaka-1216; Bangladesh
Issue Date	: 20/08/2020
Effective Date	: 20/08/2020
Type of Ownership	: Private Limited
Major Area of Economic Activity	: Manufacturing Services, Retail/Wholesale Trading, Imports

This is a system-generated certificate and doesn't require any signature

BLOCK PRODUCTION CAPACITY PER DAY

BLOCK NAME	SIZE (MM)	PRODUCTION PER 8 Hr (PCS)
UNIPAVER	222*110*80	30000
UNIPAVER	222*110*100	25000
RECTANGULAR PAVER	200*100*80 200*100*60	30000
SOLID BRICK	240*107*70 240*115*70	40000
HOLLOW BLOCK	390*190*90	15000
HOLLOW BLOCK	390*190*100	12000
HOLLOW BLOCK	390*190*140	10000
HOLLOW BLOCK	390*190*190	7000
DIB	200*163*80	30000
KERB STONE K6/k9	500*400*120/65 500*250*150	5000



CDC CONCRETE PRODUCT LISTS

Hollow Block Sizes: • 390*190*90 mm • 390*190*100 mm • 390*190*140 mm • 390*190*190 mm	Features: • Durable • Light Weight • Cost Saving • Sound Proof • No Efflorescence • Strength: 1500-2500+ psi	
Solid Brick Sizes: • 240*107*70 mm • 240*115*70 mm	Features: • Durable • Damp Proof • Used in Partition wall • Fair face wall • Strength: 1500-2500 psi	
Uni-Paver Block Sizes: • 222*110*80 mm • 222*110*100 mm	Features: • Strong & Long Lasting • Easier Maintenance • Used in Road, yard etc. • Easier installation • Strength: 3500-7000 psi	
Rectangular Paver Sizes: • 200*100*80 mm • 200*100*60 mm	Features: • Strong & Long Lasting • Easier Maintenance • Used in Road, yard etc. • Easier installation • Strength: 3500-7000 psi	

CDC CONCRETE PRODUCT LISTS

DIB Block Sizes: • 200*163*80 mm	Features: • Durable • Smart Looking • Easier installation • Easier Maintenance • Strength: 3500-7000 psi	
Kerb Stone (K6) Sizes: • 500*400*120/65 mm	Features: • Long Life • Durable • Road Side Protection • Strength: 5000 psi	
Kerb Stone (K9) Sizes: • 500*250*150 mm	Features: • Long Life • Durable • Road Side Protection • Strength: 5000 psi	
River Block Sizes: • 300*300*300 mm • 400*400*300 mm	Features: • Durable • Long Life • River Bank Protection • Strength: 3500-6000 psi	

PRESENT PLANT PHOTO GALLERY CONCRETE BLOCK



Block Silo & Material Bin



Curing of Block



Production Process



Block Stackyard



Block Machine



Block Machine



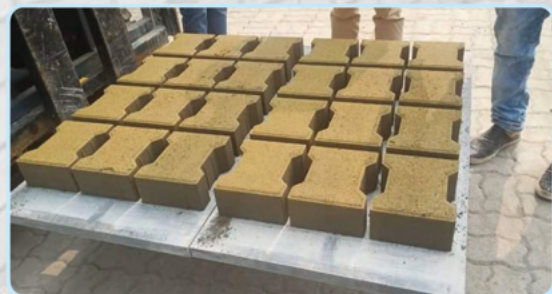
Block Products



Block Products



Block Products



Block Products

OUR VALUABLE CLIENTS

- TBEA CO. LTD. (DPDC-China Projects)
- CRBG
- Auosan International
- Sinamm Engineering Ltd
- Mozumder Enterprise Ltd
- Gildan Bangladesh Ltd
- Singer Bd Ltd
- Toa Corporation
- Texeurop Bd Ltd
- ARM & HAMMER
- Local Government Engineering Department (LGED)
- M/S Sunrise Engineering Ltd
- Jungle Bari Resort
- Islam Traders
- Urban design and development ltd
- CKGE Real Estate Ltd
- Shamsul Alamin Real Estate Ltd
- Premium Engineering Ltd
- Dhaka Construction
- IPCO
- Samsuddin Mia Associate Ltd
- Daffodil International University
- Inspore Engineering Ltd
- Aqua Arwa Engineering
- Ucchal Construction

TEST REPORTS

BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY (BUET)
DEPARTMENT OF CIVIL ENGINEERING
 Mobile: 01815507954, PABX: 55167130 Ext. 7226
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CONCRETE LABORATORY

BUETC No.: 1183-41209 (24-25)CE; Dt: 12/1/2023
Sent by: Mohammad Hossain Mia, Superintendent Engineer, Civil Engineering Projects, GILDAH
Ref. No.: SCS/ROAD/SH/484-2023/109-1; Dt: 8/1/2023
Project: SCS International Limited (Road)
Sample: Uni-Paver [Size: (225x110x80)mm] [Color: Grey]
Test: Compressive Strength (BS 4717-1)
Date of Test: 14/1/2023 - 15/1/2023

Sl. No.	Specimen Designation/ Frog Mark	Specimen Height (mm)	Specimen Area (sq. mm)	Maximum Load (kN)	Crushing Strength (N/mm ²)	Corrected Crushing Strength* (N/mm ²)	Average Compressive Strength
1	CDC	83	24890	1902	42.80	51.06	68.8 N/mm ²
2	CDC	82	24890	984	40.10	47.00	
3	CDC	83	24890	963	38.80	46.00	

*Thickness and Character Correction Factor: 1.18

Note: 1. Samples were received in sealed condition.
 2. Only three samples are sent for test.

Countersigned by: *[Signature]* **Test Performed by:** *[Signature]*
Prof. Dr. Hasib Muhammad Ahsan **Tawar Sakhiyar Zahid**
 Test-in-Charge Assistant Professor
 Department of Civil Engineering Department of Civil Engineering
 BUET, Dhaka-1000, Bangladesh BUET, Dhaka-1000, Bangladesh

Important Note: Samples as supplied to us have been tested in our laboratory. BUET does not have any responsibility as to the representative character of the samples required to be tested. It is recommended that samples are sent in a secure and sealed cover packet container under signature of the competent authority. In order to avoid fraudulent fabrication of test results, it is recommended that all test reports are collected by duly authorized person, and not by the Contractor/Supplier.

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BUETC No.: 1183-14485 (23-24)CE; Dt: 15/2/2024
Sent by: Shao Jie, Project Director, TBEA Co., Ltd. No. 188, Beijing South Road, Chengli, Xinjiang, China
Ref. No.: TBEA-T-02-HB-002; Dt: 12/2/2024
Project: Expansion and Strengthening of Power System Network under OPDC Area, 14-2 Twin Tower
Sample: C.C. Hollow Block [Nominal Size: 300x200x100 mm] (40 mm)
Test: Compressive Strength of Concrete Masonry Unit (ASTM C146-03)
Coating Date: 8/1/2024 [Btu Proportion (as quoted): Not mentioned]
Date of Test: 3/3/2024

Sl. No.	Specimen Designation/ Frog Mark	Sample Gross Area (sq. mm)	Sample Net Area (sq. mm)	Maximum Load (kN)	Crushing Strength (N/mm ²)	Average Crushing Strength	Mode of Failure	Specimen Top View
1	E2-0010204-1/1	84.63	48.57	155,512	3,413	3350 psi	Combed *	
2	E2-0010204-1/2	84.20	48.90	150,719	3,371	(23 MPa)	Combed *	
3	E2-0010204-1/3	84.20	45.89	148,323	3,283	(231 kg/cm ²)	Combed *	

*Corrected - Gross and Aggregate Mass

Note: 1. Samples were received in sealed condition.
 2. Crushing strength is calculated based on net cross sectional area.

Countersigned by: *[Signature]* **Test Performed by:** *[Signature]*
Prof. Dr. Hasib Muhammad Ahsan **Mahmud Ahmed**
 Test-in-Charge Lecturer
 Department of Civil Engineering Department of Civil Engineering
 BUET, Dhaka-1000, Bangladesh BUET, Dhaka-1000, Bangladesh

Important Note: Samples as supplied to us have been tested in our laboratory. BUET does not have any responsibility as to the representative character of the samples required to be tested. It is recommended that samples are sent in a secure and sealed cover packet container under signature of the competent authority. In order to avoid fraudulent fabrication of test results, it is recommended that all test reports are collected by duly authorized person, and not by the Contractor/Supplier.

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BUETC No.: 1183-04554 (23-24)CE; Dt: 1/1/2023
Sent by: Manager, Engineering, CDC Concrete Ltd.
Ref. No.: CDCCL/Unipaver 80 mm Grey; Dt: 1/1/2023
Project: CDC Concrete Ltd.
Sample: Uni-Paver [Size: (222 x 110 X 80)mm] [Color: Grey]
Test: Compressive Strength (BS 4717-1)
Date of Test: 4/1/2023 - 8/1/2023

Sl. No.	Specimen Designation/ Frog Mark	Specimen Height (mm)	Specimen Area (sq. mm)	Maximum Load (kN)	Crushing Strength (N/mm ²)	Corrected Crushing Strength* (N/mm ²)	Average Compressive Strength
1	CDC	80.00	24300	1048	42.30	50.00	52.8 N/mm ²
2	CDC	80.00	24300	1114	44.30	53.00	
3	CDC	80.00	24300	1101	44.40	52.00	

*Thickness and Character Correction Factor: 1.18

Note: 1. Samples were received in unsealed condition.

Countersigned by: *[Signature]* **Test Performed by:** *[Signature]*
Prof. Dr. Hasib Muhammad Ahsan **Muhammad Moin Hossain**
 Test-in-Charge Assistant Professor
 Department of Civil Engineering Department of Civil Engineering
 BUET, Dhaka-1000, Bangladesh BUET, Dhaka-1000, Bangladesh

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CONCRETE LABORATORY

BUETC No.: 1183-05798 (23-24)CE; Dt: 14/1/2023
Sent by: Manager, Engineering, CDC Concrete Ltd.
Ref. No.: CDCCL/Concrete Solid Block; Dt: 14/1/2023
Project: CDC Concrete Ltd, Gonocharhat, Mirpur, Dhaka
Sample: Solid Block [Size: 240x107x70 mm]
Test: Compressive Strength of Concrete Masonry Unit (ASTM C146-03)
Date of Test: 15/1/2023

Sl. No.	Specimen Designation/ Frog Mark	Length of Test Sample (mm)	Width of Test Sample (mm)	Surface Area of Sample (sq. mm)	Maximum Load (kN)	Crushing Strength (N/mm ²)	Average Crushing Strength	Mode of Failure
1	-	9.45	4.13	39.06	231,305	5,914	5880 psi	Combed *
2	-	9.45	4.13	39.06	244,221	6,202	(40.5 MPa)	Combed *
3	-	9.45	4.13	39.06	214,544	5,488	(414 kg/cm ²)	Combed *

*Corrected - Gross and Aggregate Mass

Note: 1. Samples were received in unsealed condition.

Countersigned by: *[Signature]* **Test Performed by:** *[Signature]*
Prof. Dr. Hasib Muhammad Ahsan **Muhammad Moin Hossain**
 Test-in-Charge Assistant Professor
 Department of Civil Engineering Department of Civil Engineering
 BUET, Dhaka-1000, Bangladesh BUET, Dhaka-1000, Bangladesh

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