

OptiBlocks Limited

An Eco-Friendly Concrete Block Manufacturer

Factory Address: Daudpur, Rupganj, Narayongonj, Bangladesh.
Office Address: 89 Kakrail, Green City Edge, Level 10, Dhaka, Bangladesh.
Phone: 01798323146, 01609312602 **Email:** inquiry@optiblocks.co

ABOUT US

OptiBlocks Limited is a factory-based manufacturer of high-quality concrete blocks, pavers, and related concrete products, serving residential, commercial, and infrastructure projects across Bangladesh.

Our factory is located in **Rupganj**, with close proximity to Dhaka and surrounding areas, enabling reliable supply and competitive pricing. We focus on consistent compressive strength, dimensional accuracy, and controlled manufacturing processes backed by strict quality checks.

Our products are **BUET**, **MIST**, and **LGED** certified, engineered to meet the practical demands of modern construction with durability, performance, and long-term value.



Production Capacity

OptiBlocks Limited operates a modern, automated concrete manufacturing system, enabling consistent, high-volume production under controlled factory conditions.

Based on an 8-hour production shift, our standard output capacity includes:

Uni Pavers: approx. 45,000+ pcs per day

Rectangular Pavers: approx. 50,000+ pcs per day

K-9 Kerbstones: approx. 5000+ pcs per day

In addition to pavers and kerbstones, we maintain continuous production of **solid concrete blocks** for both structural and non-structural applications, ensuring reliable supply for projects of all scales.

Ready Stock & Supply Reliability

We maintain ready stock throughout the year for:

- Uni Pavers
- K-9 Kerbstones
- Rectangular Pavers
- Solid Concrete Blocks

This allows us to support immediate dispatch, steady project supply, and bulk requirements without production delays.

CONCRETE BRICKS

Application: Partition Wall, Boundary wall, Garden, Road, Walk Way.



SOLID CONCRETE BLOCKS (Without Logo) SCB-114/115

Size in mm	240 x 114/115 x 70
Size in Inch	9.45x4.49x2.76
Color	Grey/ Red/ Black
Average Weight	3.5 - 3.8 KG
Strength in PSI	2000 - 2200



SCB 114 / 115 – Solid Concrete Block Uses

- ✓ Load-bearing walls in low-rise buildings
- ✓ External structural walls
- ✓ Boundary and perimeter walls
- ✓ Foundation and base wall construction
- ✓ Retaining walls (engineered)
- ✓ Industrial and warehouse walls
- ✓ Staircase and lift core walls
- ✓ Plinth and ground floor wall construction
- ✓ School, hospital and institutional buildings
- ✓ Factory shed walling
- ✓ Temporary site structures



HOLLOW WALL BLOCKS

Application: Partition Wall, Boundary wall, Garden, Air ventilation, Retaining walls, Pillars etc .



HOLLOW WALL BLOCK HWB- 112 mm

Size in mm	390x190x112
Size in Inch	15.35x7.48x4.41
Color	Grey/ Red/ Black
Average Weight	13 - 14 kg
Strength in PSI	1500- 2200



112mm Hollow Wall Block - Use Cases

- ✓ Interior partition walls in residential buildings
- ✓ Office and commercial space divisions
- ✓ Infill walls in RCC frame structures
- ✓ Staircase enclosures
- ✓ Utility rooms and service areas
- ✓ Boundary walls of low to medium height
- ✓ School and hospital internal walls
- ✓ Factory and warehouse partitions
- ✓ Low-cost housing projects
- ✓ Temporary site structures



PAVERS

Application: Road pavement, walkway, footpath, parking area, stockyard, (Normal and high loaded pavement use).

UNI PAVER- UP 60 mm

Size in mm	222x110x60
Size in Inch	8.74x4.33x2.36
Color	Grey/ Red/ Black
Average Weight	3.3 - 3.5 kg
Strength in PSI	2000 - 4000



UNI PAVER- UP 80 mm

Size in mm	222x110x80
Size in Inch	8.74x4.33x3.15
Color	Grey/ Red/ Black
Average Weight	4.2 - 4.5 kg
Strength in PSI	3000 - 7000

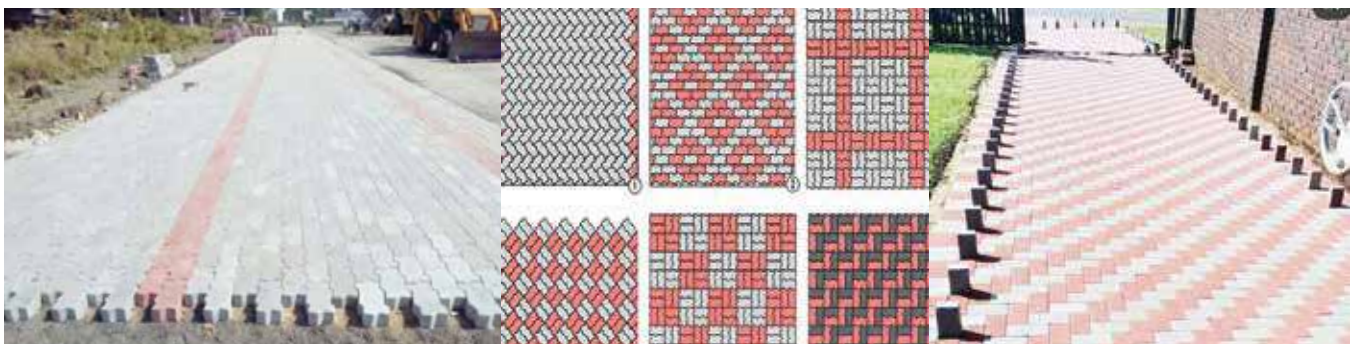
UNI PAVER-UP100 mm

Size in mm	222x110x100
Size in Inch	8.74x4.33x3.94
Color	Grey/ Red/ Black
Average Weight	5.2- 5.6 kg
Strength in PSI	4000 - 7000



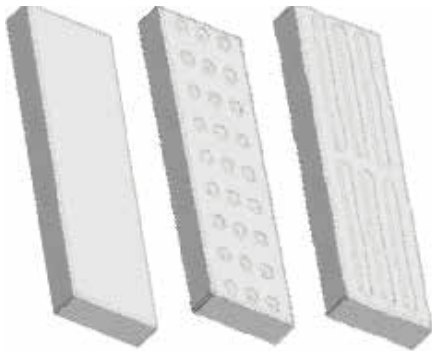
RECTANGULAR PAVER- RP 80 mm

7.87x3.94x3.15	200x100x80
Size in Inch	7.9x4x3.15
Color	Grey, Red, Black
Average Weight	3.4 - 3.6 kg
Strength in PSI	3000 - 5000



PAVERS

Application: Road pavement, walkway, footpath, parking area, stockyard, (Normal and high loaded pavement use).



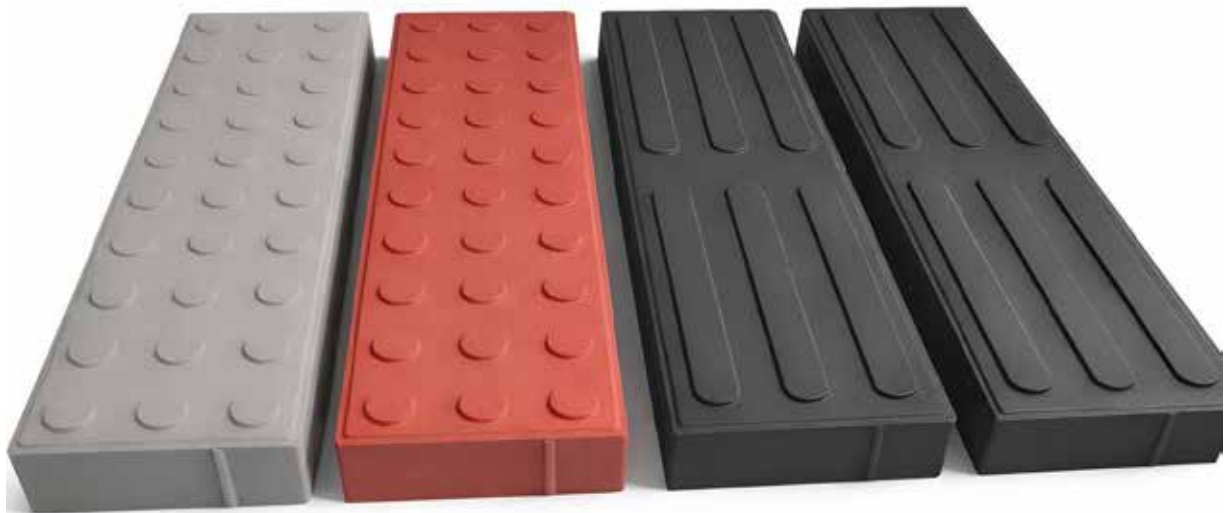
Solid

27 Buttons

6 Stripe

FOOTPATH PAVERS

Size in mm	600X200X60
Size in Inch	23.62x7.87x2.36
Type	Solid, 27 Buttons, 6 Stripes
Color	Grey, Red, Black
Average Weight	16.0 - 17.5 kg
Strength in PSI	2000 - 3000



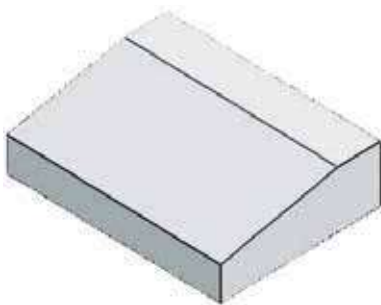
KERBSTONE & EDGING BLOCKS

Application: Median, Guide Wall, Road/ Footpath edge uses.



KERB STONE - K6	
Size in mm	500 x 400 x 120
Size in Inch	19.69x15.75x4.72
Color	Grey
Average Weight	42 - 43 kg
Strength in PSI	1500 -3000

K-9 EDGING BLOCK (LGED)	
Size in mm	500x250x150
Size in Inch	19.69x9.84x5.91
Color	Grey
Average Weight	43 - 44Kg
Strength in PSI	5000 +
Hallmark	BTIL



SAUCER SLAB 500x375x125mm	
Size in mm	500x375x125
Size in Inch	19.69x14.76x4.92
Color	Grey
Average Weight	40 - 41 KG
Strength in PSI	2000-3000

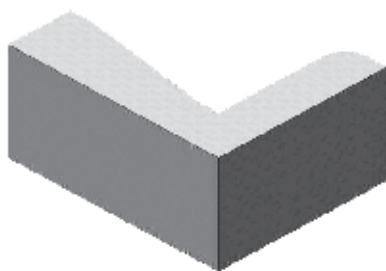
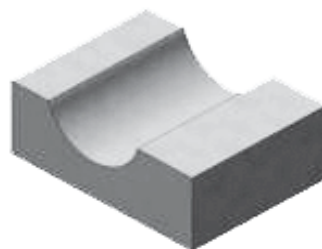


KERBSTONE & EDGING BLOCKS

Application: Median, Guide Wall, Road/ Footpath edge uses.

SAUCER DRAIN

Size in mm	400x300x150
Size in Inch	15.75x11.81x5.91
Color	Grey
Average Weight	30- 32 KG
Strength in PSI	1500-3000



L SHAPE STONE

Size in mm	500 x 400 x 250
Size in Inch	19.69x15.75x9.84
Color	Grey
Average Weight	52.5-53kg
Strength in PSI	1500-3000



CC BLOCKS & GRASS PAVER

Application: CC BLOCK: Erosion control, Soil protection, River /Canal bank protection. Grass paver: To interlink patterns, greenery and water management

CC BLOCK 400X400X100 MM

Size in mm	400x400x100
Size in Inch	15.75x15.75x5.91
Color	Grey
Average Weight	33-34 kg
Strength in PSI	1500 - 2500



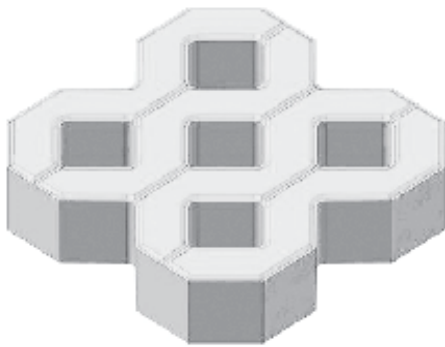
CC BLOCK 400X400X150 MM

Size in mm	400x400x150
Size in Inch	15.75x15.75x5.91
Color	Grey
Average Weight	51- 52 kg
Strength in PSI	1500 - 2500



CC BLOCK 400X400X200 MM

Size in mm	400x400x200
Size in Inch	15.75x15.75x5.91
Color	Grey
Average Weight	67-68 kg
Strength in PSI	1500 - 2500



DOUBLE 8 GRASS PAVER

Size in mm	398 x 398 x 80
Size in Inch	15.67x15.67x3.15
Color	Grey
Average Weight	18 - 19 kg
Strength in PSI	3000-4000



ADVANTAGES OF USING CONCRETE

কংক্রিট ব্লক ব্যবহারের সুবিধা

পরিবেশগত সুবিধাঃ

১. এটি পরিবেশ বান্ধব ও ভূমিকম্প সহনশীল।
২. আমাদের পার্শ্ববর্তী দেশসহ প্রায় সব উন্নত দেশেই নির্মাণ সামগ্রী হিসাবে কংক্রিট ব্লক ব্যবহার করা হয়ে থাকে।

ব্যবহারিক সুবিধাঃ

১. অধিক শব্দ, অগ্নি ও তাপ নিরোধক।
২. ইলেক্ট্রিক্যাল/ স্যানিটারী পাইপ বসানোর জন্য দেয়াল বেশি কাটতে হয় না।
৩. ইটের ন্যায় অধিক পানি শোষণ করে না।
৪. গাঁথুনির আগে পোড়া ইটের মত পানিতে দীর্ঘ সময় ভিজিয়ে রাখতে হয় না।
৫. কংক্রিট ব্লকে পোড়া ইটের ন্যায় নোনা ধরে না, ড্যাম্প হয় না, ফাঙ্গাস পড়ে না বলে এটি দীর্ঘস্থায়ী।
৬. কংক্রিট ব্লকে পোড়া ইটের তুলনায় কম পুরুত্বের প্লাস্টার ব্যবহার করা হয়।
৭. পেভার এর রাস্তা বিটুমিন এর রাস্তার চেয়ে অধিক শক্তিশালী ও দীর্ঘস্থায়ী ও রক্ষণাবেক্ষণ সহজতর।

আর্থিক সুবিধাঃ

১. আপনার স্থাপনার ওজন ও নির্মাণ খরচ দুইটাই কমাবে।
২. প্লাস্টার থিকনেস কম হওয়ায় এখানে মর্টারের সাশ্রয় হয়।
৩. আকারে বড় ও একই রকম হওয়ার কারণে হলোরুক দিয়ে দ্রুত দেয়াল তৈরী করা যায়।
৪. এতে মর্টার, লেবার খরচ ও সময় কম লাগে।
৫. সব মিলিয়ে হলো ব্লক ব্যবহারে আনুমানিক ৩০% ব্যয় সাশ্রয় হয়।
৬. পেভার এর রাস্তা বিটুমিন এর রাস্তার চেয়ে সাশ্রয়ী



OUR TEAM



CHAIRMAN
Zaker Ahmed, FCA



**MANAGING
DIRECTOR**
Shafquat Ahmed Saad



FINANCE DIRECTOR
Ishtiaque Ahmed Shaan, FCA



GENERAL MANAGER
Md Lutfur Rahman Shopon



**AGM - SALES AND
MARKETING**
Mosharraf Hossain



**MANAGER -
OPERATIONS**
Md. Sharif Al Amin



**ASSISTANT
MANAGER -
FINANCE AND
ACCOUNTS**
Khairul Boshar



**FINANCE AND
ACCOUNTS
OFFICER**
Syed Irfan Hossain



**FACTORY IN-
CHARGE**
Md. Salim Mondol

OUR ESTEEMED CLIENTS



CONTACT US TODAY

We are available to discuss product details, pricing, project requirements, and factory visits. Please reach out to us through the contacts below.

Phone & WhatsApp:

General Manager (GM): 01819272941

AGM – Sales & Marketing: 01714199999

Factory: 01930502736

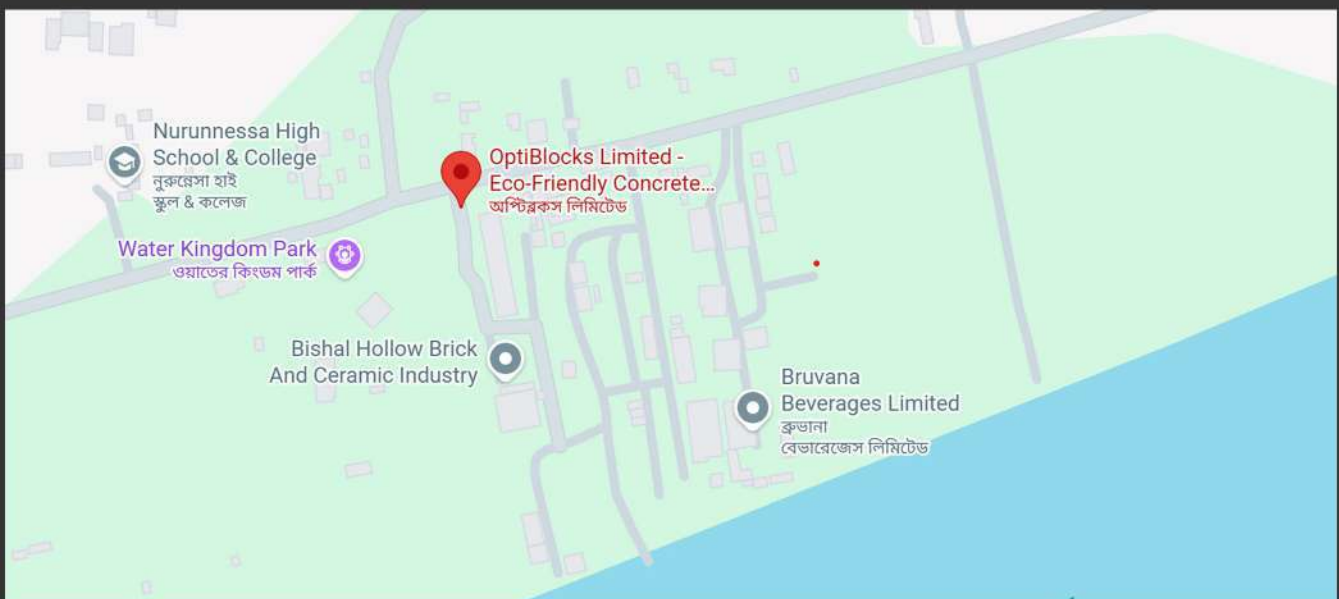
Additional Contact: 01798323146

Online:

Website: www.optiblocks.co

Facebook: www.facebook.com/optiblocks

YouTube: <https://www.youtube.com/@optiblocks>



Factory Address:

Daudpur, Rupganj, Bangladesh

Corporate Office:

89 Kakrail, Green City Edge (10th Floor)
Dhaka, Bangladesh