

MORE STRENGTH THAN THE GLOBAL STANDARD



■ Global Standard (ASTM)
 ■ Elephant Brand & Sena Cement

SENA
CEMENT
 Symbol of Trust



MONGLA CEMENT FACTORY

(A Concern of Sena Kalyan Sangstha)

Burirdanga, Mongla, Bagerhat, Bangladesh

- +880 1769056506-8
- monglacementfactory@gmail.com
- www.senakalyan.org
- Head Office : SKS Tower (Level-5), 7 VIP Road, Mohakhali Dhaka-1206, Bangladesh

STORAGE OF CEMENT

Following precautionary measure to be taken while storage

- To prevent deterioration; protect the bags from rain, sun, winds and moisture
- Store in dry, leak-proof and moisture proof sheds.
- There should be minimum number of windows in the storage building.
- The cement bags should be stacked on wooden planks placed about 150 to 200 mm above the floor.
- Stack on a concrete floor or brick soling consolidated earth.
- Maintain a space of 600 mm between the interior walls and the stacks
- Stack the bags close to each other to reduce air circulation.
- More than 10 bags should not be stacked on single height.
The width of the stack should not be more than four bags length or 3 meters
- For prolonged storage, the cement stacks should be covered by polyethene sheet or other water-proof materials.
The minimum no of bags required for day's consumption to be stored at site.
- Cover the stacks with tarpaulin or polythene sheets.
Such temporary storage at site should be avoided during monsoon.



Cement starts deteriorating after approximately three months. Cement stock should be rotated on basis of "first in, first out" (FIFO) or last in last out (LIFO). Strength loss over time (Standard Conditions) as follows:

Age of Cement	Percentage Reduction in Strength
3 months	15-20%
6 months	20-30%
12 months	30-50%



Mongla Cement Factory



Delivery of Cement by Truck



Mongla Cement Factory

CUSTOMER CARE

Head office

PABX : 88-02-55058408
Fax : 88-02-55058401
E-mail : sksbd1sales@gmail.com
Web : www.senakalyan.org

Factory

PABX : 02-478846029
Mobile : 01769-056506
01769-056507
Email : monglacementfactory@gmail.com
mcfsales1994@gmail.com

DISTRIBUTION CHANNEL

SPO Khulna

Mobile : 01769-056511
Email : sksspokhulna@gmail.com

SPO Bogura

Mobile : 01769-056463
Email : sksspobogra@gmail.com

SPO Barishal

Mobile : 01769-056510
Email : sksspobarisal@gmail.com

SPO Rajshahi

Mobile : 01769-056467
Email : skssporajshahi@gmail.com

SPO Jhenaidah

Mobile : 01769-056513
Email : sksspojhenaidah@gmail.com

Corporate Sales (Dhaka)

General Manager : 01769-056313
Manager : 01769-056575
Sales Officer : 01769-056317
Marketing Officer : 01742-908783

BRANDING

Engr. Abdur Rahman, B.Sc. Engg (CSE), MBA (MIS)

Hotline : 01769-056315, 01911-456424



SENA KALYAN SANGSTHA

SKS TOWER (Level-5), 7 VIP Road, Mohakhali, Dhaka-1206
PABX: 88-02-55058408, Fax: 88-02-55058401
E-mail: dpd@senakalyan.com, www.senakalyan.org



PRODUCT LICENSE/ CERTIFICATION

Mongla Cement Factory has all valid documents for its operation. The various certifications are shown below:

SL NO	APPROVAL AUTHORITY	PRODUCT LICENSE/CERTIFICATION
01	Bangladesh Standard & Testing Institution (BSTI)	A. PORTLAND CEMENT (BDS EN 197-1:2023 CEM-1, 52.5N) BSTI LICENSE NO 19087 B. PORTLAND COMPOSITE CEMENT [BDS EN 197-1:2023 CEM-II/AM(SVL), 42.5N] BSTI LICENSE NO 21112 C. PORTLAND COMPOSITE CEMENT [BDS EN 197-1:2023 CEM-II/BM(SVL), 42.5N] BSTI LICENSE NO 19019
02	Quality Management System ISO Certification 9000	UKAS

PRODUCT FEATURES

ELEPHANT & SENA BRAND

PORTLAND CEMENT (Ordinary Portland cement) Ordinary/ Normal Portland cement is the basic binding material and most widely used for general construction purposes where special properties are not required. It is normally used for the reinforced concrete buildings, pavements and where soil conditions are normal.

Special Feature

- Higher Strength
- Better Fineness
- Grey in Color
- Convenient Setting time
- Less percentage of Chloride than BDS Standard
- Low content of MgO



ELEPHANT & SENA BRAND

PORTLAND COMPOSITE CEMENT - A BLENDED CEMENT OF MULTI SUPPLEMENTARY CEMENTITIOUS MATERIALS (SCM)

Portland Composite Cement is produced with a combination of Fly ash, Slag, Limestone and Portland cement clinker. It has proven to enhance concrete performance by producing higher long-term strengths, improving workability while requiring less water, and reducing efflorescence and permeability

Engineering Feature Advantage

- Reduces water demand
- Enhances water retention
- Increases cohesiveness & pump-ability
- Reduces internal bleeding and segregation
- Reduces plastic shrinkage
- Better slump retention
- Reduces danger to honeycombing
- Better surface finish



Hardened Concrete

- Converts Ca(OH)_2 to C-S-H gel
- Contributes to long term strength
- Reduces permeability of concrete
- Increases durability
- Resistance to sulphate attack
- Resistance to Seawater/Chloride attack.
- Resistance to Alkali -Aggregate reaction
- Reduced leaching affect
- Enhancement of the life cycle of concrete structures
- Slashes life time construction costs

MODERN LABORATORY

MCF is always concerned about quality assurance in line with global and domestic standard. As such it pays extra attention on accuracy and reliability of testing apparatus of Laboratory.

The Quality Control Department controls and monitors quality

round-the-clock throughout the process. Chemical analysis is performed by a Panalytical x-ray fluorescence spectrometer. All physical and chemical tests are performed in compliance with the current BDS (Bangladesh Standard/ European Standard) standards and procedures.

Sample of finished product is collected from Mill on hourly basis and tested accordingly. For a further assurance of the test result generated by MCF laboratory, a counter quality test is carried out from Bangladesh University of Engineering & Technology (BUET) & Khulna University of Engineering & Technology (KUET) on monthly basis.



সেনা



SENA CEMENT

সিমেন্ট



SENA KALYAN SANGSTHA

Sena Kalyan Sangstha is a self-financing Welfare Trust Organization of Bangladesh Armed Forces approved by the Government dedicated for the welfare of ex-Armed Forces Personnel and their dependents. Besides, it renders remarkable service to the nation by producing quality consumer goods, providing employment to the people of different classes. Because of the indomitable spirit, firm determination, efficient management and sincere efforts by all members, it contributes in the national income by depositing a fairly large amount of taxes in the Government treasury. With successive better achievement since its inception, the Sangstha has been marching towards progress and prosperity gradually and steadily. In this "Perfectly Competitive Market" scenario where almost every firm/industry is producing homogeneous products, we are proud to be one of them and are optimistic that the year 2026 will provide us opportunities for doing our best.

HISTORY OF MONGLA CEMENT FACTORY

Cement is an essential component of infrastructural development. It is also one of the most important input of construction industry, mainly in case of government's infrastructure and housing programs, which are necessary for the country's socio-economic growth and development. As a result the market demand of cement is increasing day by day. Earlier a large quantity of cement was imported from different countries, whereas quality of cement was not up to the standard.

Keeping in mind the importance of cement industries, create employment opportunity and to save the hard earned foreign currency of the nation and to extend/increase the welfare activities of SKS, the authority decided to enhance its financial capabilities by entering into the cement market with locally produced cement.

In view of above, in 1989 it was decided to set up a cement grinding mill at Mongla near Mongla Port. Accordingly, Mongla Cement Factory (MCF) started its journey in 1994 as equipped with modern, sophisticated and automated equipment/machineries. Finally, Lt General Mahbubur Rahman, psc, the chief of army staff formally inaugurated MCF on 8 March 1997. To meet up the ever growing demand of cement Mill-2 was erected in 2002.

To ensure product diversification and ever growing market demand, another cement mill (Mill-3) was established at the same premises equipped with latest technology and is operating since mid 2016 satisfactorily.

The factory has been producing & marketing cement for last 32 years with it's goodwill. Elephant Brand is most popular to the economical & expert builders for it's accurate weight, best quality & better workability.

LOCATION MAP

Mongla Cement Factory is the largest industrial enterprise of Sena Kalyan Sangstha. It stands on the bank of river PASHUR, near Mongla Port, Mongla,

Bagerhat covering an area of 10.66 acres of land.



www.senakalyan.org

THE PRODUCT INTRODUCTION

Portland cement: the fundamental ingredient is calcium silicate. The cement is made of combination of calcium, silicon, aluminum, and iron. Processed cement was discovered by Joseph Aspdin in 1824 and was called Portland cement because it resembled a grey stone mined from the island of Portland off the coast of England.

Portland Cement is made by mixing substances containing limestone (CaCO_3) with substance containing Silica, Alumina, Iron and burning them at 1450°C in a Kiln to a clinker which is subsequently ground to powder and is mixed with 0-5% Gypsum.

Raw materials are imported from different sources of the world. The main component Clinker is imported from well reputed sources.

TYPES OF PRODUCT

The cement is classified into 27 types as per European Standard/ Bangladesh Standard depending on the uses and its strength and durability properties. Among 27 types of cement, MCF is now producing following three types of Portland cement.

- PORTLAND CEMENT (Ordinary Portland Cement)**
BDS EN 197-1:2023 CEM-1, 52.5N
- PORTLAND COMPOSITE CEMENT**
BDS EN 197-1:2023 CEM-II/AM(SVL), 42.5N
- PORTLAND COMPOSITE CEMENT**
BDS EN 197-1:2023 CEM-II/BM(SVL), 42.5N



ELEPHANT BRAND CEMENT