



TM

MIR CONCRETE PRODUCTS LTD.

Committed to Quality and Time



[www.mirconcreteproducts.com](http://www.mirconcreteproducts.com)



**Mir Ready-mix Concrete, a concern of Mir Group started its journey on 2004.** The vision of MCPL is to strive and improve the overall construction process for the country to international standard from its present state. Today, MCPL has become the pioneer of producing the concrete products in Bangladesh. MCPL came into being with a view to ensure environmentally harmless concrete products for public and private sectors on regular basis from its three plants at Gabtoli, Narayanganj & Gazipur and producing high standard Ready Mix Concrete on regular basis.

#### **What is Ready-Mix Concrete (RMC):**

RMC is a high quality concrete made of carefully proportioned mixture of cement, aggregates, water and admixtures, manufactured under strictly controlled conditions in a centralized automatic batching plant and supplied to the customers in transit mixers for placement in the structure.

#### **Why RMC is preferred:**

##### **RMC is economical**

- It is made of local raw materials
- It has lower maintenance costs due to high longevity

##### **RMC has necessary resistance**

- It has comprehensive strength
- It is naturally fire resistant
- It has thermal insulation

##### **RMC has high workability and convenience**

- It can be pumped over high vertical distances
- It allows complex and curved shapes more effectively than other materials
- it is highly adaptable to the specific needs of different worksites

##### **RMC is convenient and safe**

- It keeps worksite nuisances to minimum level
- It is delivered and pumped at the manufacturer's effort
- It maintains excellent condition of sterility and hygiene



### Why MIR Ready Mix Concrete (RMC):

- Los Angeles Abrasion (LAA) test to ensure quality aggregate
- Digital lab to control mix design ratio and quality
- Easier addition of admixtures
- Flexibility in concrete design mixes
- Provide lab test report to the clients
- On time delivery and after sales service

#### BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY (BUET)



#### DEPARTMENT OF CIVIL ENGINEERING

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#### CONCRETE LABORATORY



BRTC No. : 110-119493 /16-17/CE; Dt: 25/9/2016  
Sent by : Engr. Md. Masudul Haque Bhuiyan, Mir Concrete Products Ltd.  
Ref. No. : MCPL-P2/MCL-F/EKWL/2016-12/003; Dt: 25/9/2016  
Project : Epyllion Knit Wear Ltd., Madanpur  
Sample : Cylinder [Mix proportion(as quoted): Not Mentioned; Aggregate Type: Stone chips]  
Location : Precast Pile  
Test : Compressive Strength [ASTM C39]  
Date of Test : 29/8/2016

#### TEST REPORT

Sl. No.	Date of Casting as per the Letter	Specimen Designation/ Frog Mark	Specimen Area (sq. in)	Maximum Load (lb)	Crushing Strength (psi)	Average Crushing Strength	Mode of Failure
1	20/7/2016	Epyllion	11.94	87,416	7,321	<b>6920 psi</b>	Combined *
2	(28 days test)	Epyllion	12.67	84,888	6,700	(47.5 MPa)	Combined *
3		Epyllion	12.30	82,820	6,733	(487 kg/cm <sup>2</sup> )	Combined *

Note: Samples were received in unsealed condition.

\* Combined = Mortar and Aggregate failure.

Countersigned by:

Dr. Abu Siddique  
Professor  
Department of Civil Engineering  
BUET, Dhaka-1000, Bangladesh



Test Performed by:

Sumaiya Afroz  
Lecturer  
Department of Civil Engineering  
BUET, Dhaka-1000, Bangladesh

**Important Notes:** Samples as supplied to us have been tested in our laboratory. BRTC 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.

### Facilities:

- Mir RMC has its three (03) plants in Gabtali, Narayanganj and Gazipur to cover Dhaka, Savar, Narayanganj, Narsingdi, Tongi, Ashulia, Gazipur, Valuka
- All three plants are fully equipped with computerized concrete batching systems
- All the raw materials are precisely weighed and mixed by consistent quality and accurate ratio of materials at a minimized cost
- Customized grade and mix design as required by the client can be delivered
- Mir RMC plants have total eight (08) silos  
A convoy of 50 transit mixer trucks can deliver the RMC at the required form to the site
- Five (05) concrete pumps can transport the RMC vertically, making the casting easy at high-rise constructions
- Our batching plants are capable of delivering minimum 150-300 M3 (varies on location) concrete per day

### Quality Control:

- Mir RMC has up to date digitally equipped labs to test the concrete aggregate etc. in precise conformity with British Standard
- Mix designs are prepared by our trained technician in the laboratory and are inspected by our specialist before finalization
- Quality control lab is used to test raw materials and monitor/test quality and strength of concrete
- All delivery trucks are checked and certified by the plant manager before leaving for the delivery site
- All test records are filed in the lab for evaluation, review and references
- Data can be transferred from the control system to the computer for analyzing



## **FEATURES:**

### **Production capacity of plant:**

160 m3 per hour

### **Delivery capacity:**

- a)** inside Dhaka city, Uttara, Savar, Tongi, Gazipur and nearby areas
- b)** Ashulia, Baipail, Fantasy Kingdom, Chandra, Valuka and nearby areas
- c)** Narayanganj, Pachdona, Narsingdi, Munshiganj

### **Grades:**

With comprehensive strength of 2500, 3000, 3500, 4000, 4500, 5000 psi

### **Total three (03) plants:**

- 1.** Gabtali (Beri Badh)
- 2.** Narayanganj (Murapara, Rupganj)
- 3.** Gazipur (Masterbari)





TM



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#### **FACTORY:**

**Plant 1:** Suice Gate, Beri Bandh, Gabtoli, Dhaka 1207

**Plant 2:** Gonganagar, Murapara, Rupganj, Narayanganj

**Plant 3:** Baupara, Masterbari, Gazipur

**Hotline:** 01714085333, 01714093982, 01714097001, 01755514064