



**CONCRETE LABORATORY**

BRTC No. : **1100-81477 /13-14/CE; Dt: 8/3/2015**  
 Sent by : Engr. Md. Selim, Head of Marketing, Mir Concrete Products Ltd.  
 Ref. No. : MCPL/BUET/BLOCK/TEST/2015-025; Dt: 4/3/2015  
 Project : Not mentioned  
 Sample : **C.C. Hollow Brick**  
           Nominal Size: 390 mm x 190 mm x 190 mm  
 Test : **Compressive Strength [ASTM C140]**  
 Date of Test : 11/3/2015

**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	6/2/2015	-	63.92	265,921	4,160	<b>4190 psi</b> (29 MPa) (295 kg/cm <sup>2</sup> )	Combined *
2	(33 days test)	-	63.92	259,266	4,056		Combined *
3		-	63.92	279,232	4,368		Combined *

Note: Samples were received in unsealed condition.

\* Combined = Mortar and Aggregate failure.

Crushing strength is calculated based on net cross sectional area.

Countersigned by:

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



Test Performed by:

16.03.2015

**Shamsunnahar Suchana**  
 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.