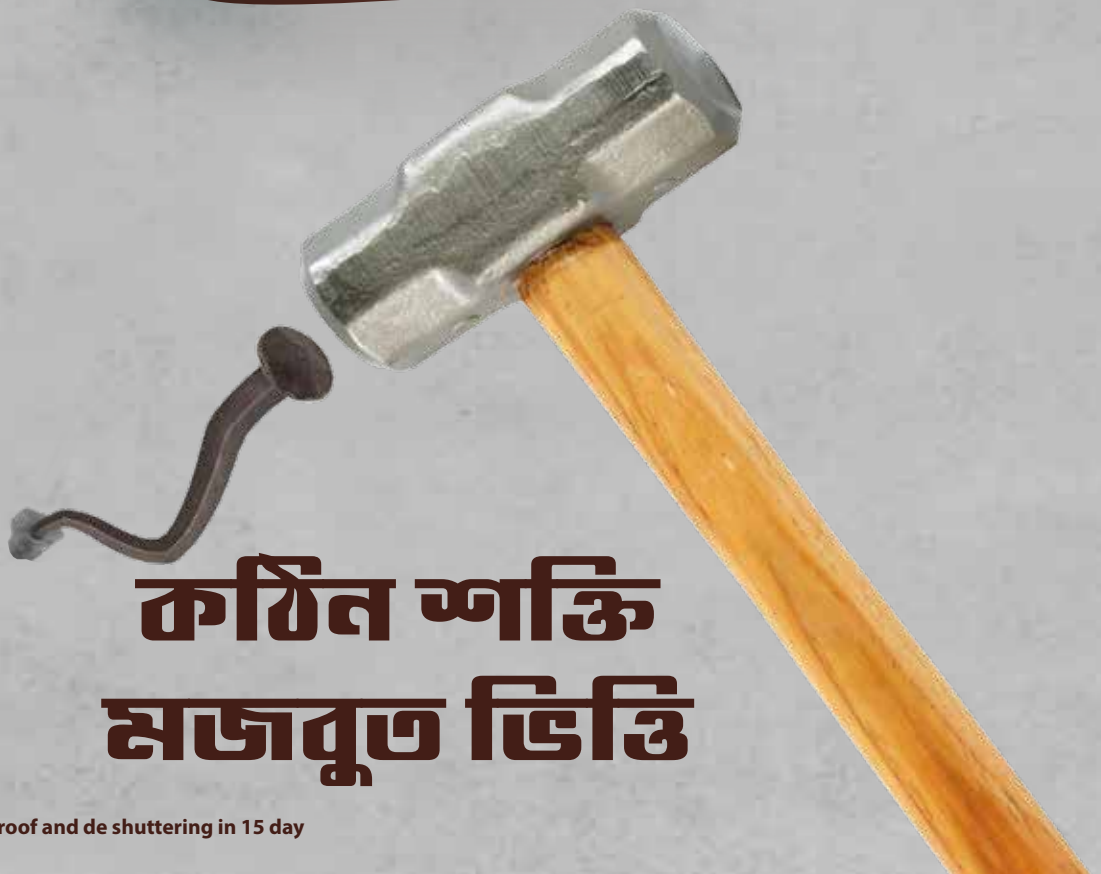


COUNTRY'S 1ST RAPID EARLY STRENGTH CEMENT 50% HIGHER STRENGTH IN 2 DAYS

**HI-TECH
SOLUTION**



**কঠিন শক্তি
মজবুত ভিত্তি**

*Based on proper curing of the roof and de shuttering in 15 day

First Rapid high early strength cement in Bangladesh with earlier stripping time of Formworks for the construction of residential and commercial buildings, all kinds of RCC structure, renovation and modernization works.

Benefits :

- 1. Around Tk.70 saving from each bag**
- 2. 50% Higher early strength**
- 3. At least 15% Shorter de-shuttering time**
- 4. Faster Project completion**
- 5. Special Tamper-proof packaging BOPP bag**

Product Specification:

- 1. 42.5 R Portland composite cement.**
- 2. Compressive strength on cement mortar at 2 days ~ 23 MPa**
- 3. Strength development from 6 MPa to 8 MPa at 1 day for common concrete class.**

Application:

- 1. Beam/Column/Slab**
- 2. Foundation**
- 3. Precast & Prestressed concrete (Brick, Block, Electric Poles)**
- 4. Bridge Girder, Rigid pavement**
- 5. Industrial slab, Retro-fittings**
- 6. High and Low rise buildings**
- 7. Road construction**

Call for order ☎ 16319

FIRST EVER BOPP BAG IN CEMENT INDUSTRY

BENEFITS OF BOPP BAG

TEMPER PROOF

100% MOISTURE PROOF

**ENVIRONMENT FRIENDLY
(LESS DUST)**

**HIGH TENSILE
STRENGTH**

**LONGER STORAGE TIME
(4-6 MONTHS)**

**LESS WASTAGE
(2-3% CEMENT SAVING)**



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BUET TEST CERTIFICATE

BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY (BUET)



DEPARTMENT OF CIVIL ENGINEERING
 Mobile: 01819557964; PABX: 55167100 Ext. 7228
<http://brtc.ce.buet.ac.bd/#/home>
CONCRETE LABORATORY



BRTC No. : **1102-39410/21-22/CE; Dt. 12/8/2021** Sheet 1 of 1
 Sent by : Mr. Md. Lutfor Rahman, Manager - QA, LafargeHolcim
 Tejgaon, Dhaka.
 Ref. No. : LHBL/2021/766; Dt. 12/8/2021
 Project : -
 Sample : **Cement** [Brand: HOLCIM SHOKTI; ID: ---] Type: CEM II/B-M (S-V-L) 42.5R
 Date of Casting : 18/8/2021 Our ID : RA-3 Manufacturing Date: Not mentioned
 Test Method & Specification : ASTM

Test Results of Blended Hydraulic (Portland Composite) Cement

Compressive Strength, psi & (Mpa): ASTM 109-11b	Age	3 days	7 days	28 days
	Date	21-Aug-21	25-Aug-21	15-Sep-21
	In figure	3750 psi (25.8 Mpa)	4780 psi (32.9 Mpa)	6010 psi (41.5 Mpa)
	In words	Three thousand seven hundred fifty psi	Four thousand seven hundred eighty psi	Six thousand ten psi
Maximum of Standard Requirements for All Types of IP/IS/LIT : ASTM C595-19		1890 psi (13 Mpa)	2900 psi (20 Mpa)	3620 psi (25 Mpa)
Mixing water temperature		22.5 °C	Curing water temperature	20.5 - 25°C

Water for Normal Consistency: ASTM C187-11		Initial Setting Time (minutes): ASTM C191-08		Final Setting Time (minutes): ASTM C191-08	
Standard Requirements: ASTM C595-19	Test Result	Standard Requirements: ASTM C595-19	Test Result	Standard Requirements: ASTM C595-19	Test Result
****	23.5%	Not less than 45 minutes	169	Not more than 420 minutes	376

Fineness (Specific Surface), m ² /kg : ASTM C204-11 (Air Permeability Method)		Density/ Specific Gravity (gm/cc): ASTM C188-09		Weight of Cement Bag (kg)	
Standard Requirements: ASTM C595-19	Test result	Standard Requirements	Test Result	Standard Requirements	Test Result
****	468	****	****	****	****



Note: Sample was received in loose condition.

Countersigned by:

f *Dr. A. B. M. Badruzzaman*
Dr. A. B. M. Badruzzaman
 Professor, Dept. of Civil Engg., BUET



Test performed by:

 22-09-2021
Dr. Raquib Ahsan
 Professor, Dept. of Civil Engg., BUET

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 secured and sealed cover/packet/container duly signed by a competent authority. In order to avoid fraudulent fabrication of test results, it is also recommended that all the test reports are collected by an authorized person, and not by the Contractor/Supplier.

BRTC BUET

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