



## INTRODUCTION

**Tiger Steel Bangladesh Ltd. (TSBL)** incorporated in Bangladesh response to the increasing demand for quality Pre-Engineered steel building especially in the industrial sector.

TSBL is looking for to managing, seeking expertise and obtaining technology to provide Engineering solution by supplying steel building systems with quality and best customer services.

TSBL is designing Pre-Engineered Steel Building (PEB) conforming the Standard codes with modern technology with a motto of change in the usages of traditional construction materials. Usually Pre-Engineered steel buildings are always preferred for factories, warehouses, hall rooms, workshops, aircraft hangers, office buildings, commercial showrooms, distribution centers, supermarkets, restaurants and residential buildings.

Our investment in well-groomed human resource and state-of-the-art technology is definitely poised to meet the challenges of the 21st century and create an impact on the economy of Bangladesh.

Customer satisfaction, trouble free construction, accurate fit of components are priorities of TSBL regardless of the complexity of the project, thus resulting in reduced on -sit erection cost in terms of time and money.





## VISION

To sustain the leadership in pre-engineered steel building products in Bangladesh and upgrade the industry through our state-of-art technology, industry leading expertise and high quality support services.

## MISSION

- To continuously find ways to improve overall industry performance.
- To have respect for and understanding of the people with whom we work.
- To maintain a high level of integrity and open communication in all our relationships.
- To continuously look into innovation to develop the most effective solutions.

## STRENGTH

Best Possible Product at **TIGER STEEL BANGLADESH LTD.** We produce quality products by using the best engineering software developed globally. Moreover, we have chosen the best and latest high-tech machinery to deliver high quality products to our customers. We have a highly experienced quality conscious workforce and maintain Quality Control (QC) operation at every stage of production.



## Organization Chart

### Board of Directors

Md. Shoriful Islam, B.Sc. in Engg. (Civil)  
**Chairman**

Liton Kumar Sharma, M.P.A. (CU), PGDPM (BIM)  
**Managing Director**

Engr. Shariful Alam, B.Sc. in Engg. (Civil), KUET  
**Executive Director**

### Management Panel

Mohammad Nuruzzaman, B.Sc. (EEE), UITS,  
PRINCE2® Certified, AXELOS, UK  
**Chief Operating Officer**

Neuton Sharma, M.S.S. (CU),  
**Assistant General Manager-Marketing**

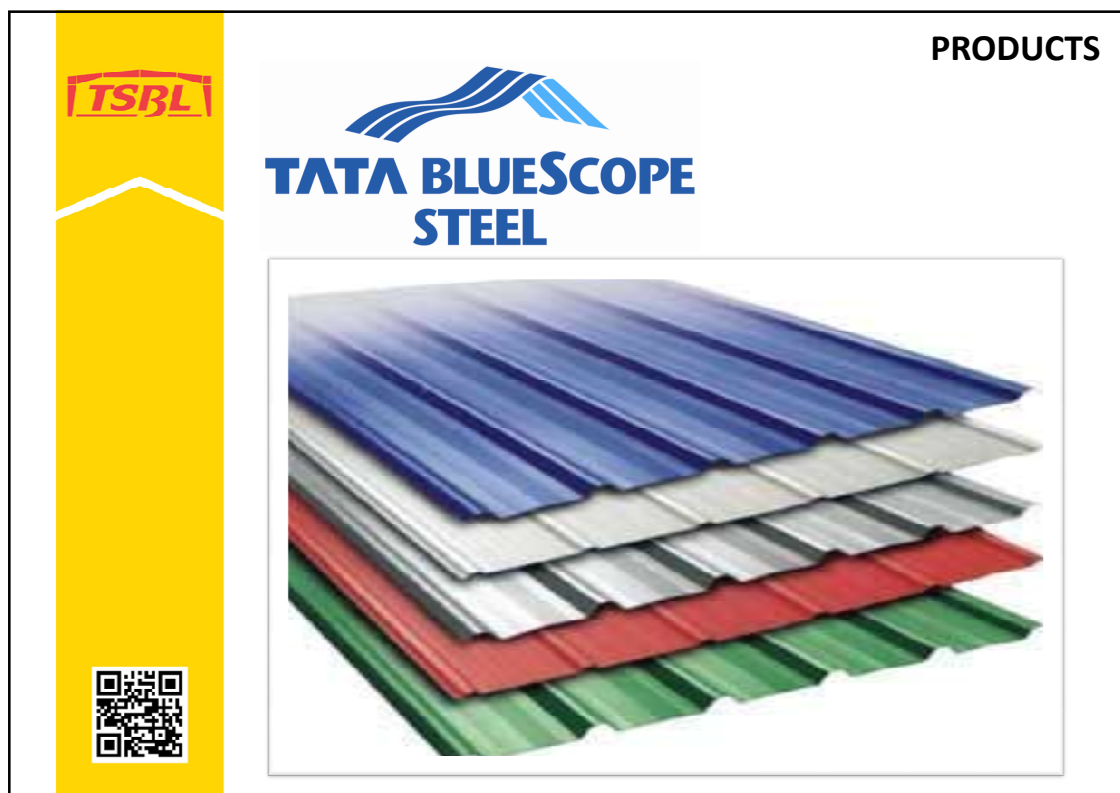
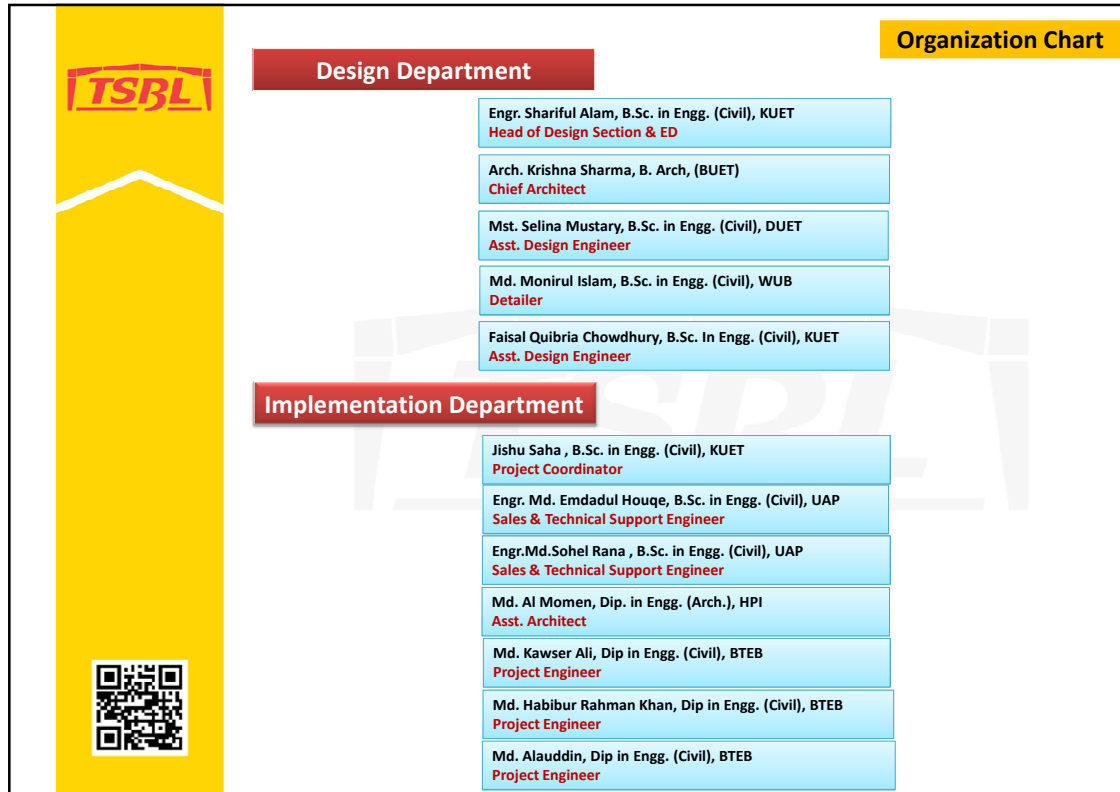
Md. Badruddin Ahmed  
**Manager-Accounts & Finance**



Md. Shahinul Islam  
**Manager-Production**

Md. Akteruzzaman  
**Manager-Purchase & Procurement**


Mrs. Jonaki Akter Moni  
**Manager-HR & Admin**








**PRODUCTS**

**TATA BLUESCOPE STEEL : Brief**



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Nov 2005: 50 / 50 Joint Venture between Tata Steel & BlueScope Steel Australia

Key Highlights about TATA STEEL and BLUESCOPE

- Established over 100 years ago
- Built excellent global reputations
- Strong focus on Safety, Manufacturing Excellence, Quality, Innovation, Research & Development

| TATA STEEL   | BLUESCOPE  |
|--|--|
| <ul style="list-style-type: none"> <li>Operations in 26 countries</li> <li>Commercial presence in over 50 countries</li> <li>Supplier of high quality Cold Rolled Feed Coil</li> <li>Innovation with Research &amp; development</li> </ul> | <ul style="list-style-type: none"> <li>Global Network, 100+ facilities in 17 countries</li> <li>Technology Leader in Metal Coated and Pre-Painted Steels, Roll-Forming and Pre-Engineered Buildings</li> <li>World's largest producer of Zn-Al coated steel (&gt;2mtpa) .</li> <li>14 Metal Coating lines &amp; 11 Paint Lines in 8 Countries</li> </ul> |




**PRODUCTS**



**EJOT®** *The quality connection*



**EJOT®**  
**Fastening Systems LP**



## PRODUCTS

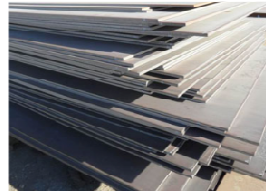
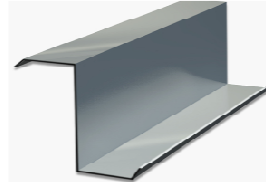
## PRODUCTS



## PRODUCTS

### Structural Components

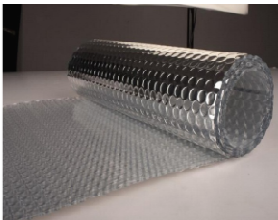
- M.S. Plate
- Typical "Z" section
- Typical "C" section
- Typical H / I Beam
- Typical Column





## PRODUCTS



### Insulation

- Air bubble Insulation
  - Single
  - Double
- Glass Wool Insulation
  - 25 mm thk
  - 50 mm thk
- PE Foam Insulation
  - 5 mm Thickness
  - 6 mm Thickness




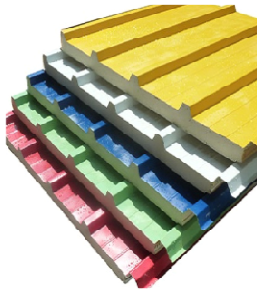



## PRODUCTS

**Natural air ventilator**

- 22" Dia

**Sandwich panel**

- Thickness :
  - 25 mm
  - 50 mm
- Type:
  - PU Sandwich Panel
  - EPS Sandwich Panel




## PRODUCTS TEST CERTIFICATE

**DEPARTMENT OF MECHANICAL ENGINEERING**  
 Dhaka University of Engineering & Technology, Gazipur  
 Gazipur - 1707 Bangladesh

Tel: 880 2-4974010, PABX: 4974334-53 Ext: 4011 Fax: 880 2-49274191 E-mail: head\_meg@duet.ac.bd Web: [www.duet.ac.bd](http://www.duet.ac.bd)

**যন্ত্রকৌশল বিভাগ**  
 ঢাকা বিশ্ববিদ্যালয় প্রকৌশল বিশ্ববিদ্যালয়, গাজিপুর  
 গাজিপুর - ১৭০৭ বাংলাদেশ

টেলি: ৮৮০ ২-৪৯৭৪০১০, পাবক্স: ৪৯৭৪৩৩৪-৫৩ এক্স: ৪০১১ ফ্যাক্স: ৮৮০ ২-৪৯২৭৪১৯১ ই-মেইল: head\_meg@duet.ac.bd ওয়েব: [www.duet.ac.bd](http://www.duet.ac.bd)

Memo No.: DUET/ME/2019/03/125

Date: 25/03/2019

To:  
 Mr. Md. Moniruzzaman  
 Bridge Engineer-West  
 Bangladesh Railway, Paksey  
 Mobile: 01711-691575  
 Email: monircebu@gmail.com

Subject: Chemical composition and yield strength test report of Zinc-Aluminum Alloy coated sheet made of high strength steel.

Dear Mr. Md. Moniruzzaman,

With reference to the letter of dated 21/03/2019 (Ref No.: BE/Works Program/2018-19), we have done the composition and yield strength test of Zinc-Aluminum Alloy coated sheet made of high strength steel. The results are attached herewith.

Sincerely,

  
 (Prof. Dr. Hassan Muhammad Mostafa Afroz)  
 Head and Chairman, CRIS  
 Department of Mechanical Engineering  
 DUET, Gazipur



CRIS, Department of Mechanical Engineering, DUET, Dhaka-1707, Bangladesh.  
 Email: [cris\\_mech@duet.ac.bd](mailto:cris_mech@duet.ac.bd) Web: [www.duet.ac.bd/cris](http://www.duet.ac.bd/cris)  
 Contact: Professor Dr. Mohammad Faruk, Pabna cell: 018139114650, Dr. Mohammad Lutfur Rahman  
 cell: 018139114650, Dr. Mohammad Hossain Debnath cell: 018139114650, Dr. Amir Hossain cell: 018139114650, Dr. Faruk Hossain cell: 018139114650



# PRODUCTS TEST CERTIFICATE

# DEPARTMENT OF MECHANICAL ENGINEERING

Dhaka University of Engineering & Technology (DUET)  
Gazipur - 1707, Bangladesh

# যন্ত্রকৌশল বিভাগ

ঢাকা প্রকৌশল ও প্রযুক্তি বিশ্ববিদ্যালয়, গাজিপুর  
১৭০৭, বাংলাদেশ

Tel: 880-7-49274010, PABX: 4972404-53 Extn: 4011, Fax: 587-7-49274313, E-mail: head\_mech@duet.ac.bd, Web: http://www.duet.ac.bd

Memo No. : BL/Works Program/24.18-19 Date : 21.02.2019  
Sent by : Mr. Md. Moniruzzaman  
Bridge Engineer West  
Bangladesh Railway, Paksy  
Mobile: 01711-69-575  
Email: monir@bdr.gov.bd  
Supplier : Tiger Steel (Bangladesh) Ltd., New  
DOHS, Mohakhali, Dhaka  
Date of Testing : 24.03.2019  
Report Memo No. : DUET/ME/TEST/2019/03/124 Date : 25.03.2019

## Chemical Composition Test Report

| Sample Identification  | Chemical Composition, Weight Percentage (%) |           |
|--|---|-----------|
|  | Aluminum (Al)                               | Zinc (Zn) |
| Zinc-Aluminum alloy coated sheet made of high strength steel | 54.71                                       | 45.29     |

## Tensile Test Report

| Sample Identification  | Sample No. | Yield Strength, MPa |         | Ultimate Strength, MPa |         | Elongation, % |         |
|--|------------|---------------------|---------|------------------------|---------|---------------|---------|
|  |            | Value               | Average | Value                  | Average | Value         | Average |
| Zinc-Aluminum Alloy coated sheet made of high strength steel | 1          | 581.53              | 564.24  | 726.64                 | 705.29  | 3.15          | 3.28    |
|  | 2          | 539.96              |         | 674.96                 |         | 3.54          |         |
|  | 3          | 571.43              |         | 714.29                 |         | 3.15          |         |

## Test performed by

(Dr. Mohammad Wasim Dewan)  
Assistant Professor  
Department of Mechanical Engineering  
DUET, Gazipur.

(Prof. Dr. Hasna Mohammad Mastafa Afroz)  
Head and Chairman, CRIN  
Department of Mechanical Engineering  
DUET, Gazipur

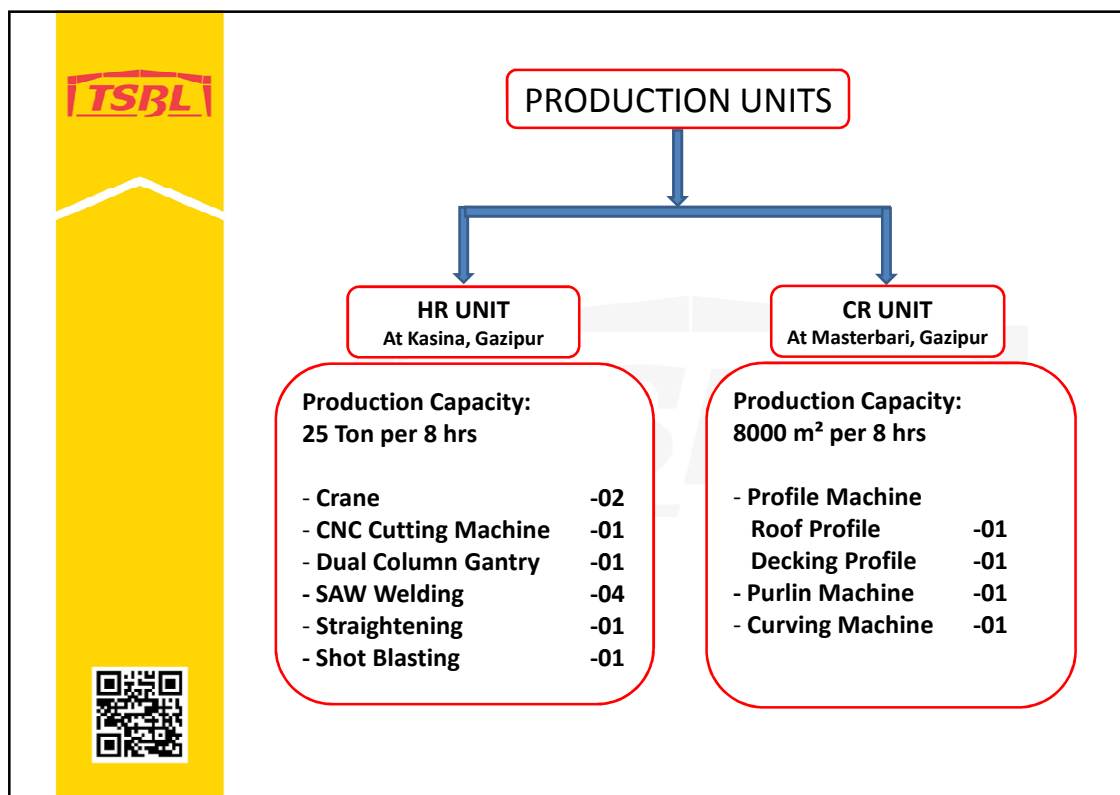
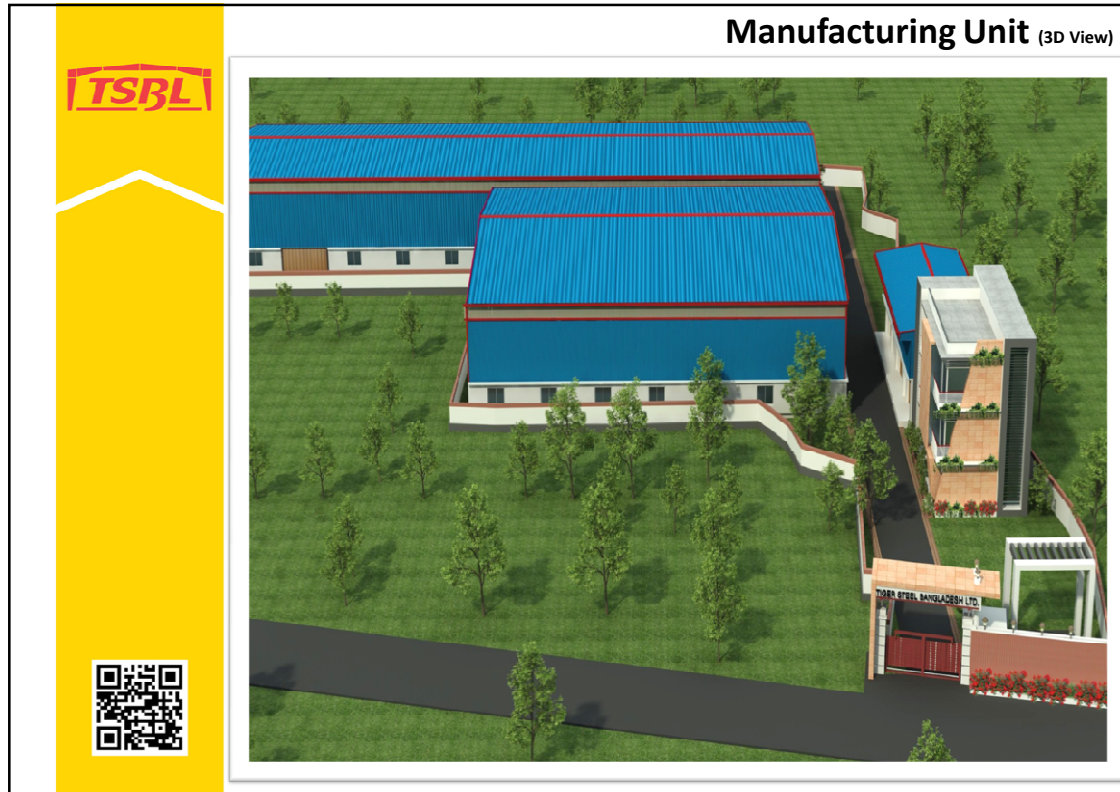
F.R.T.S. Department of Mechanical Engineering, Dhaka University of Engineering & Technology, Dhaka

Phone: 880-7-49274010, Fax: 587-7-49274313, E-mail: head\_mech@duet.ac.bd, Web: http://www.duet.ac.bd

## PRODUCTS TEST CERTIFICATE

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**Manufacturing Unit**









**Manufacturing Unit**







### Hand Tools





### Manufacturing Unit

#### PROFILE FORMING





| PROJECT REFERENCES |   |                     |             |         |
|--------------------|---|---------------------|-------------|---------|
| SI                 | Project Name                            | Address             | Area        | Status  |
| 1                  | In Contrade Limited                     | Chattagram          | 14,750 Sft  | Ongoing |
| 2                  | Sumi Construction                       | N.gonj              | 20,000Sft   | Ongoing |
| 3                  | Techrise BD                             | Gazipur             | 15000 Sft   | Ongoing |
| 4                  | Nirman Development (Linde)              | Khulna.             | 8,550 Sft.  | Ongoing |
| 5                  | Sparrow Wearhouse                       | Gazipur.            | 75,000 Sft. | Ongoing |
| 6                  | Crown Wearhouse                         | Valuka , Mymensing  | 85,000 Sft  | Ongoing |
| 7                  | Kazi Farm                               | Bhula               | 10,000 Sft  | Ongoing |
| 8                  | Pakiza Knitting                         | Savar.              | 55,000 Sft  | Ongoing |
| 9                  | Pakiza washing                          | Norshingdi          | 25,000 Sft  | Ongoing |
| 10                 | Anan Leather goods Ltd                  | Kapasia             | 15,000 Sft  | Ongoing |
| 11                 | Sigma Construction Company              | N.gonj              | 20,000 Sft  | Ongoing |
| 12                 | Pakiza Dyeing                           | Savar               | 65,000 Sft  | Ongoing |
| 13                 | Pakiza Spinning                         | Savar               | 45,000 Sft  | Ongoing |
| 14                 | MEC logistic                            | Norshingdi          | 5000 Sft    | Ongoing |
| 15                 | DESH Group                              | Gazipur             | 65,000 Sft  | Ongoing |
| 16                 | Aftab Feed                              | Ponchagor.          | 18,000 Sft  | Ongoing |
| 17                 | Inn-Star                                | N.gonj              | 8,000 Sft   | Ongoing |
| 18                 | Partex                                  | Rajendrapur         | 30,000 Sft  | Ongoing |
| 19                 | RAK Bangladesh Ltd.                     | Gazipur.            | 55,000 Sft  | Ongoing |
| 20                 | Dusit Hotel                             | Uttara              | 5,000 Sft   | Ongoing |
| 21                 | Thermax Group                           | Madobdi, Norshingdi | 55,000 Sft. | Ongoing |
| 22                 | N.Kunja Pedestrian Bridge               | Nikunju             | 9,150 Sft   | Ongoing |
| 23                 | South Bengal Fertilizer (Noapara group) | Jessor              | 15,660 Sft  | Ongoing |
| 24                 | Nas Eco Enterprise                      | Moulvibazar         | 3,000 Sft   | Ongoing |
| 25                 | Momtux Expo Ltd.(Building-1)            | Narshingdi          | 45,000 Sft  | Ongoing |
| 26                 | Momtux Expo Ltd (building-2)            | Narshingdi          | 42,000 Sft  | Ongoing |
| 27                 | Promita LPG                             | Ashulia             | 3,500 Sft   | Ongoing |

| PROJECT REFERENCES |  |                    |            |             |
|--------------------|--|--------------------|------------|-------------|
| SI                 | Project Name   | Address            | Area       | Status      |
| 28                 | Crown Washing Unit-2 (Six Storied)                       | Valuka,Mymensing   | 400000 sft | Handed Over |
| 29                 | Pakiza Yarn Dyeing                                       | Savar              | 150000 sft | Handed Over |
| 30                 | Universal Crane Building                                 | Tangail            | 25000 sft  | Handed Over |
| 31                 | Universal Staff Dormitory                                | Tangail            | 30000 sft  | Handed Over |
| 32                 | Anan footwear Ltd.                                       | Kapasia            | 50000 sft  | Handed Over |
| 33                 | Radisson Water Garden Hotel (Sena Hotel Development Ltd) | Dhaka              | 7,000 sft  | Handed Over |
| 34                 | Crystal Martin Apparel Ltd.                              | Valuka , Mymensing | 30000 sft  | Handed Over |
| 35                 | Recycle Plant Shed ( Pran Group)                         | Norshingdi         | 28,000 sft | Handed Over |
| 36                 | Loading Bay ( Pran Group)                                | Norshingdi         | 8,000 sft  | Handed Over |
| 37                 | OD Line Extension ( Pran Group)                          | Norshingdi         | 25,000 sft | Handed Over |
| 38                 | Biscuit Line Extension (Pran Group)                      | Norshingdi         | 32,000 sft | Handed Over |
| 39                 | Crescent Fashion Expansion (Beximco Group)               | Gazipur.           | 54,000 sft | Handed Over |
| 40                 | Navana Group   | Kapasia            | 50000 sft  | Handed Over |
| 41                 | Sparrow Dyeing   | Gazipur            | 20000 sft  | Handed Over |
| 42                 | Shinepukur Ceramic                                       | Savar              | 30000 sft  | Handed Over |
| 43                 | Beam Supporting (Pakiza Group)                           | Norshingdi         | 14,000 sft | Handed Over |
| 44                 | Office Building(Reza Construction Ltd.)                  | Gulshan-02         | 1,400 Sft  | Handed Over |
| 45                 | Block Factory(Reza Construction Ltd.)                    | Chittagong         | 18,000 Sft | Handed Over |
| 46                 | Utility Room (S.A. TV)                                   | Gulshan-2          | 5,000 Sft  | Handed Over |
| 47                 | News Studio (S.A. TV)                                    | Gulshan-2          | 1,500 Sft  | Handed Over |
| 48                 | TV Chanel (71 News)                                      | Baridhara          | 15,000 sft | Handed Over |
| 49                 | Garments (Swiss Schiffly Fashion BD.Ltd)                 | Norshingdi         | 42,000 sft | Handed Over |
| 50                 | Garments (Mission Group)                                 | Shavar             | 28,000 sft | Handed Over |
| 51                 | Garments Building (Shanta Industries Ltd)                | DEPZ               | 8,000 sft  | Handed Over |
| 52                 | Garments (Dhanshiri Group)                               | Gazipur            | 10,102 Sft | Handed Over |
| 53                 | Office Building(Imagine Group)                           | Motijheel          | 6,600 sft  | Handed Over |
| 54                 | Best way Pavilion  | DITF               | 5,000 sft  | Handed Over |

| PROJECT REFERENCES |  |             |             |             |
|--------------------|--|-------------|-------------|-------------|
| SI                 | Project Name                                   | Address     | Area        | Status      |
| 55                 | Ware house (CP) (Thailand Base company)        | Chuadanga   | 36,000 sft  | Handed Over |
| 56                 | Arms Store (Bangladesh Ordnance Factory)       | Gazipur     | 7,000 sft   | Handed Over |
| 57                 | American Club                                  | Dhaka       | 5,400 sft   | Handed Over |
| 58                 | Spinning Mill (Ishraq Spinning Mills Ltd.)     | Gazipur     | 27,000 sft  | Handed Over |
| 59                 | Community Center (Salam Catering Services Ltd) | Dhanmondi   | 7,000 sft   | Handed Over |
| 60                 | Office Building (Ojantrik Production House)    | Chitagong   | 6,000 sft   | Handed Over |
| 61                 | Ware House (Akter Enterprise)                  | Gazipur     | 28,000 sft  | Handed Over |
| 62                 | Plastic Factory (Shylet Plastic Industry Ltd)  | Sylhet      | 35,000 sft  | Handed Over |
| 63                 | Ware House (Fakir Fashion)                     | Narayangong | 19,260 sft  | Handed Over |
| 64                 | Factory shed (Makka Paper Mills Ltd)           | Narayangong | 14,000 sft  | Handed Over |
| 65                 | Factory shed (Jupitor Button Mills Ltd)        | Tongi       | 12,000 sft  | Handed Over |
| 66                 | Finished Goods Shed (Dressmen Group)           | Gazipur     | 12,000 sft  | Handed Over |
| 67                 | Lift Core (Bexi Fabrics)                       | Dhaka       | 80' heights | Handed Over |
| 68                 | Watch Tower (Neilfamari Jail)                  | Nelfanmari  | 90' heights | Handed Over |
| 69                 | Ware House (Alnoor Group)                      | Narayangong |             | Handed Over |
| 70                 | Private House (Dalan Traders)                  | Manikgong   | 6,000 sft   | Handed Over |
| 71                 | Ware House (Gazipur Paper Mill Ltd.)           | Narayangong | 7,000 sft   | Handed Over |
| 72                 | Boiler Shed (Gazipur Paper Mill Ltd.)          | Narayangong | 4,000 sft   | Handed Over |
| 73                 | Generator Shed (Gazipur Paper Mill Ltd.)       | Narayangong | 6,000sft    | Handed Over |
| 74                 | Auto Brick Field (SG Group)                    | Chittagong  | 16,000 sft  | Handed Over |
| 75                 | Navana CNG Ltd                                 | Sylhet      | 10000 sft   | Handed Over |
| 76                 | Diamond Cement Ltd.                            | Chittagong  | 2200 sft    | Handed Over |
| 77                 | Builders Corporation (Bangladesh Navy)         | Khilkhet    | 7000 sft    | Handed Over |
| 78                 | Dhanshri Group (Graments Factory)              | Gazipur     | 31200 sft   | Handed Over |
| 79                 | Ocean (BD) Ltd (Ship Builders)                 | Chittagong  | 12200 sft   | Handed Over |
| 80                 | Pakiza Group ( Bell press room)                | Norshingdi  | 52000 sft   | Handed Over |
| 81                 | Pakiza Group(Compressor Room)                  | Norshingdi  | 7000 sft    | Handed Over |

| PROJECT REFERENCES |  |            |            |             |
|--------------------|--|------------|------------|-------------|
| SI                 | Project Name                           | Address    | Area       | Status      |
| 82                 | Pakiza group (New rotor Room)          | Norshingdi | 14000 sft  | Handed Over |
| 83                 | Pakiza Group (Momtex Factory Building) | Norshingdi | 49500 sft  | Handed Over |
| 84                 | Sathi Fresh Fruits Ltd.(Packing unit)  | Munshigonj | 12200sft   | Handed Over |
| 85                 | Sathi Fresh Fruits Ltd.(Cold Storage)  | Munshigonj | 27728 sft  | Handed Over |
| 86                 | Freshtex Expansion (Beximco Group)     | Gazipur.   | 45,000 sft | Handed Over |
| 87                 | Dacca Garments ( Beximco Group)        | Gazipur.   | 80,000 sft | Handed Over |
| 88                 | Extension of BTL ( Beximco Group)      | Gazipur.   | 14,000sft  | Handed Over |
| 89                 | Ware House ( Beximco Group)            | Gazipur.   | 15000sft   | Handed Over |
| 90                 | Raw Yarn Store. (Pakiza Group)         | Norshingdi | 6,850 Sft  | Handed Over |
| 91                 | Office Building (Pakiza Group) Momtex  | Norshingdi | 3,446 Sft  | Handed Over |
| 92                 | New Blow Room (Pakiza Group)           | Norshingdi | 10,000 Sft | Handed Over |
| 93                 | Recycling Yarn Store (Pakiza Group)    | Norshingdi | 7,500 Sft  | Handed Over |
| 94                 | Hamim Group (Sub-Station Building)     | Tejgaon    | 6,000 Sft  | Handed Over |
| 95                 | RPGL (Roof Top Shed Building)          | Uttara     | 4,000 Sft  | Handed Over |
| 96                 | Monno Ceramic                          | Dhanmondi  | 5,800 Sft  | Handed Over |
| 97                 | Ali & Associate                        | Sylhet     | 20,000 Sft | Handed Over |



**PROJECTS IMAGE**

Berger Paints Bangladesh





**BD. NAVY**

**PROJECTS IMAGE**






PROJECTS IMAGE



Automatic Bricks & Ceramics Ltd.




PROJECTS IMAGE



