



Engineering & Consultant



### Our Services

As an Engineering firm, we provide all Architectural Design and Engineering Solutions for your valuable project.

- **On-Site Fabrication.**
- **1 Year After Seals Service.**
- **Manufacture Standard Warranty.**
- **One Time Free Cleaning.**
- **Value Engineering.**

## Who We Are

### About Us

We started our journey in 2020 as a Façade Engineering company. We are highly experienced in the Exterior part of a Building such as Glass and Aluminium works.

### Contact Us

Phone: [+880 1716-619931]

Phone: [+880 1533-499682]

Email: [brl.engineering.consultant@gmail.com]

Web: [www.facebook.com/brl2020]

For More- [Click Here](#)



**INTERIOR AND  
EXTERIOR  
SOLUTION OF  
YOUR  
BUILDING**

*Façade Engineering and  
Construction*



**BRL ENGINEERING AND CONSULTANT**

Address

57, Madani, Avenue, 100 feet road,  
Notun Bazar, Dhaka-1212.



## Environmentally Sustainable Building With Glass

Here are a couple of ideas...

- Sustainable master planning
- Green building design
- Green retrofitting
- Green rating system certification and project administration
- Total Building Performance (TBP)

## Get the exact results you want

The environmental performance of a building is a matter of balance between the energy use of building services and the losses and gains occurring through the building envelope.

*“Façade engineering is the art and science of resolving aesthetic, environmental, and structural issues to achieve the effective enclosure of buildings.”*

## Why BRL?

Site Monitoring is provided by BRL to oversee and ensure that the works are conducted with the appropriate level of expertise, craftsmanship, and quality.



### QUALITY

We never compromise on the quality of our work.



### COMMITMENT

We are always committed to fulfilling the Commitment.



### TIME SCHEDULE

To complete the project we try our best.



### SERVICE

We do the best service for you.



## CLIENTS





**All Types of Glass Door**



**Interior Glass Partition**



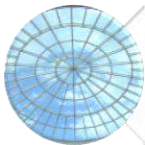
**False Ceiling**



**Glass Curtain Wall**



**Glass Panel**



**Skylight, Dome**



**ACP Cladding**



**Glass Sliding and fixed windows and doors of Residential.**



*WHAT WE DO ???*

For A  
Commercial  
Factory  
Hospital  
Resort Building  
Residential Building

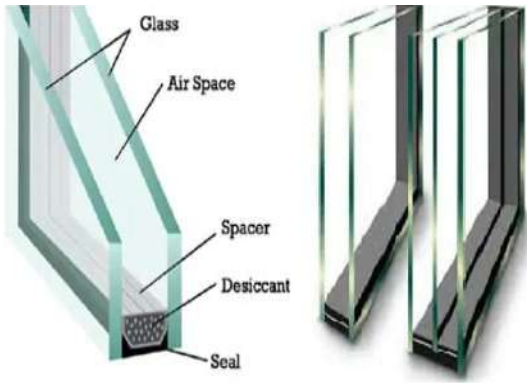


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Engineering & Consultant



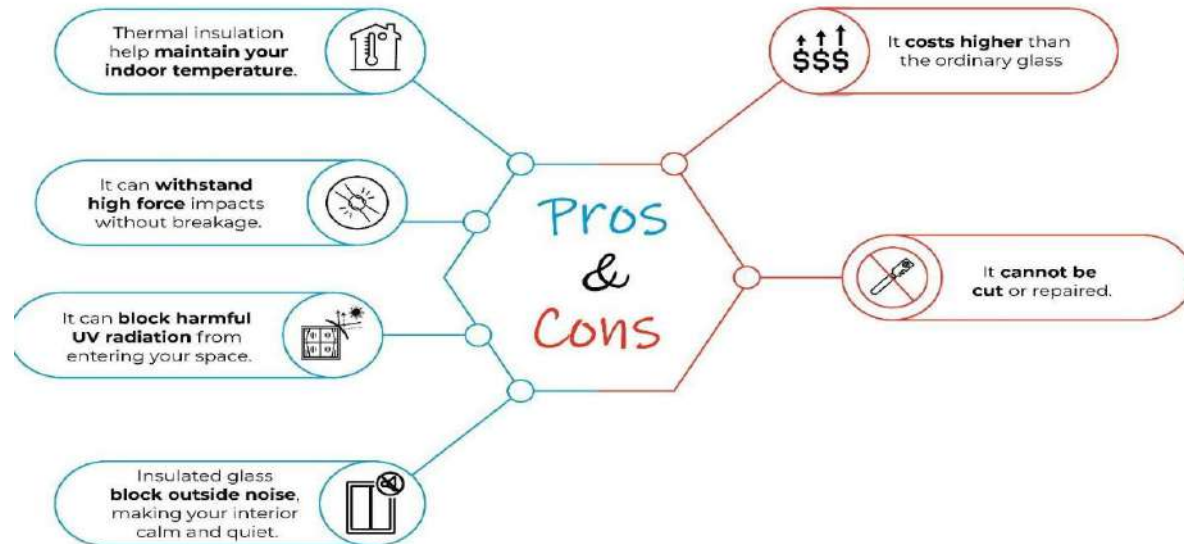
### Benefits of Double Glazed

1. Comfort in Summer and Winter
2. Noise reduction
3. Less Electricity Bill

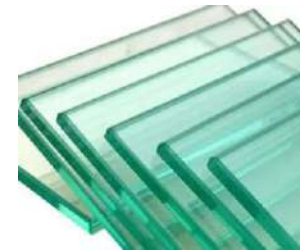
### Double Glazed/Insulating Glass Why and how work?

Basically, for the double-glazed glass uses Argon Gas between the two glass spacers. Argon Gas helps to protect from moisture. The spacer absorbed the sound and temperature. When a client uses double-glazed glass he gets several types of benefits from this glass.

**Tempered or toughened glass is a type of safety glass processed by controlled thermal or chemical treatments to increase its strength compared with normal glass**



### Glass We Can Provide:



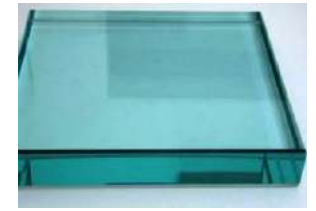
1. Float Glass



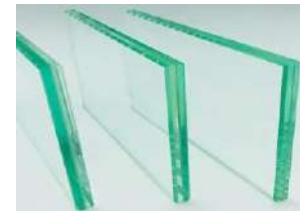
6. Tinted Glass



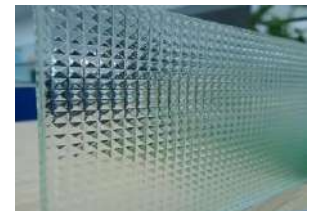
2. Shatterproof Glass



7. Toughened Glass



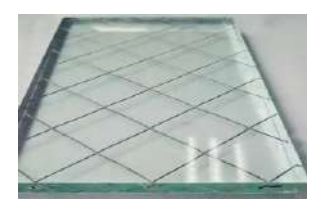
2. Laminated Glass



8. Patterned Glass



4. Extra Clear or Self Cleaning



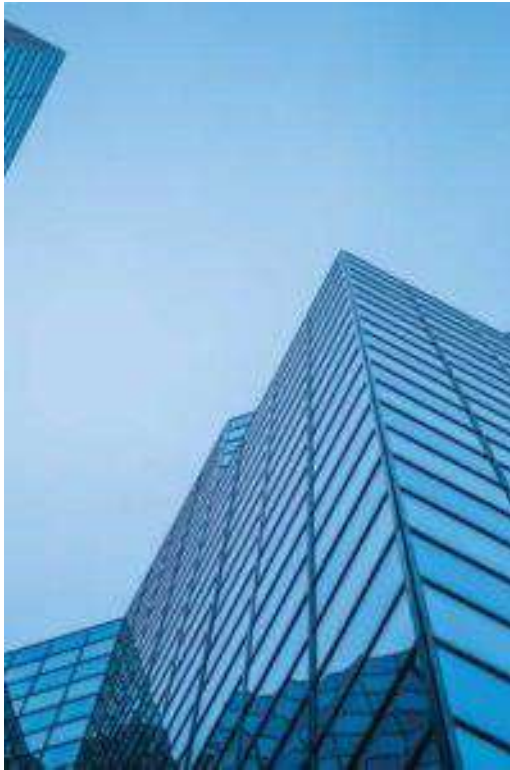
9. Wired Glass



5. Chromatic Glass



10. Glass Block



## Components of a curtain wall

Transom

Mullions/Aluminum

Glass

Anchor

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### OUR SERVICE

DRAWING

DESIGN (With Load Calculation)

SUPPLY

INSTALLATION

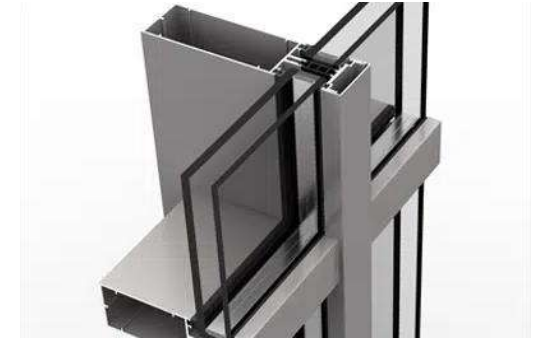
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### Aluminium for the Curtain Wall

Curtain wall aluminum profiles generally use 6063 T5/T6 aluminum-magnesium-silicon alloy.

### Type of Glasses for the Curtain Wall

In curtain wall systems, the transparent glass installed is called the vision glass. It may be single, double, or triple-glazed, including Low-E or reflective coatings.



Curtain Wall Isometric View

We can provide any type of Curtain Wall system with up to 32mm Glass Thickness.

### Aluminum Color For The Curtain Wall



## GLASS CURTAIN WALL

### TYPES OF CURTAIN WALL

- Stick Curtain Wall System
- Semi Unitized Curtain Wall System
- Unitized Curtain Wall System

# EDF EURO AND GENERAL MODEL

*EDF Euro Model is Newly Introduced by Modern Architectural for the Residential, Commercial Hotel, and Resort Building.*

**BEFORE SELECTING A NORMAL FIXED AND SLIDING PLEASE THINK ABOUT OUR EXPLANATION**

**There are Two Types Of EDF Systems**

1. EDF General
2. EDF EURO MODEL

**ADVANTAGE OF EDF EURO MODEL**

EDF Sliding is a different system: The basic difference with Regular Sliding is

- The outside border is equal on Four sides.
- More functional for the slide.
- Modern lock system
- SS net.
- Sound.
- Temperature.



**EDF SLIDING DOOR**



**EDF SLIDING AND FIXED**



**EDF FOLDING DOOR**

*EDF GENERAL*

It's the updated product of the Regular 3" or 4" Profile.

The common product and basic difference is that outsider border height is the same on all sides.

## **OUR PRODUCT SERVICE**

1. Double Glazed Up to 24 mm Glass Use possible.

To reduce the Sound and Temperature we suggest 22 mm Double Glazed Glass for your building.

2. Laminated Glass For Safety.
3. Reflective Glass.
4. Tinted Glass.



SPIDER SYSTEM

## LOUVER SYSTEM

- ❑ ALUMINIUM LOUVER
- ❑ GLASS LOUVER
- ❑ MS LOUVER
- ❑ SS LOUVER

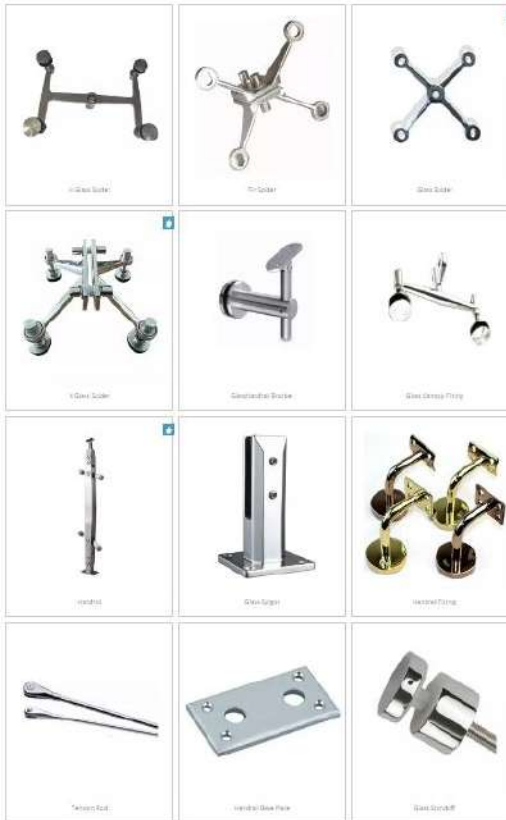


WINDOWS  
LOUVERS

## SPIDER SYSTEM

### About Spider System

SPIDERGLASS is a modern solution for exterior bolted glass assemblies, which secures the glazing to a support structure by means of point-fixings. SPIDERGLASS is a modern solution for exterior bolted glass assemblies, which secures the glazing to a support structure by means of point-fixings.



SPIDER SYSTEM

**WE CAN  
PROVIDE YOU  
WITH ANY TYPE  
OF LOUVER  
AND SPIDER  
SYSTEM FOR  
YOUR PROJECT.**



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## Skylight

Skylights are architectural features that allow natural light into a building through a window or a translucent panel installed in the roof or ceiling. They are designed to improve the energy efficiency of a building by reducing the need for artificial lighting during the day.

**WE ARE EXPERTS IN THE  
DESIGN AND  
MANUFACTURE OF GLASS  
DOMES AND SKYLIGHT.**

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## *GLASS DOME AND SKYLIGHT*

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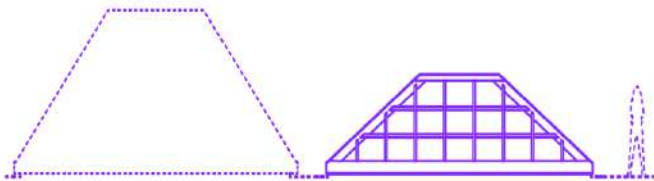
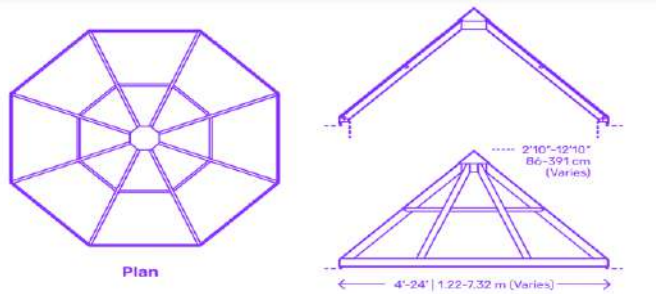
### **TYPE OF USE**

**Shopping Complex**  
**Museum**  
**Metro Station**  
**Mosque**  
**Airport  
Station**  
**Garden**  
**Duplex**  
**Roof Top**  
**Swimming Pool**



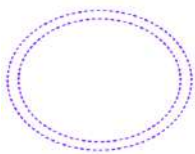
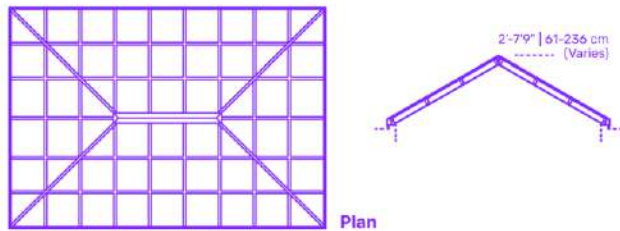
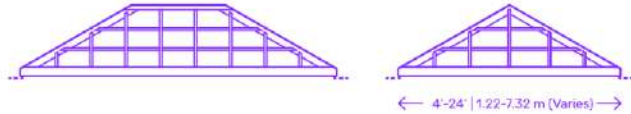
### **Feature of Dome and Skylight**

These domes are made out of glass, aluminum alloy, and steel and are designed to be built for 21st-century homeowners. They have incredible amenities such as pool tables and large balconies to take advantage of the natural light and give homeowners the best views of their gardens. Not only do these glass domes look like a dream but you'll also be able to make all your dreams come true simply by living in them. It's easier to stay connected with your loved ones, entertain guests, relax, and obtain a view of the outside world without interruptions when you have that clear glass ceiling overhead.



Skylight - Pitched Hipped, 45 Degree

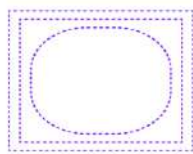
Skylight - Pitched Hipped, 30 Degree



Skylight - Dome

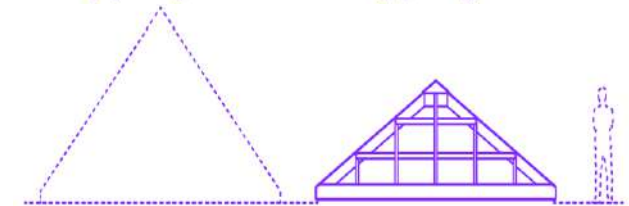
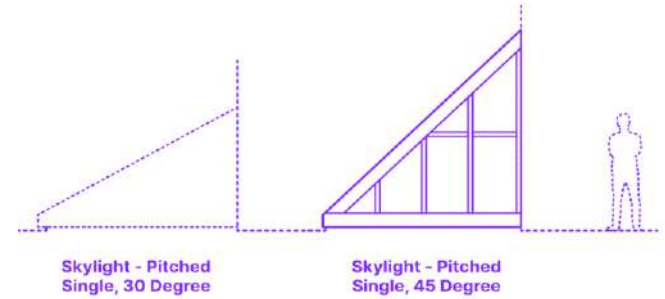


Skylight Dome, Rectangle



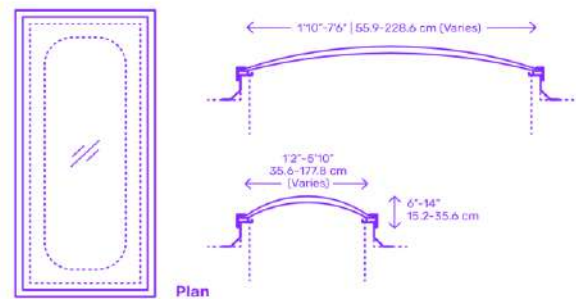
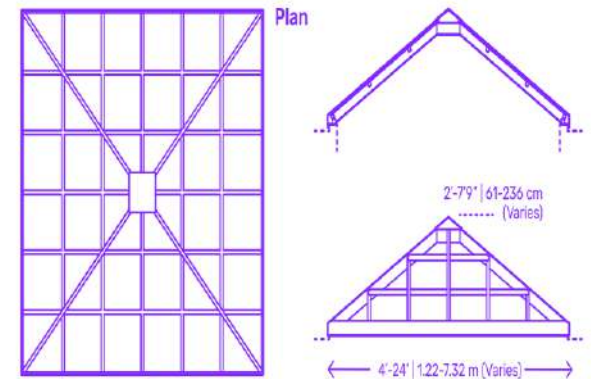
Skylight Dome, Square

## DIFFERENT TYPES AND SHAPES OF DOMES & SKYLIGHT



Skylight - Pyramid, 45 Degree

Skylight - Pyramid, 30 Degree





*Social welfare project Building Photo*

## GLAZING WORKS

### Address

Banglamotor Dhaka

**Client: Wahid Construction Ltd**

### Types of Works

- Curtain Wall Exterior Façade.



SOCIAL  
WELFARE  
PROJECT



*Dome Photo*

## GLAZING WORKS

### Address

Payra power plant at Patuakhali

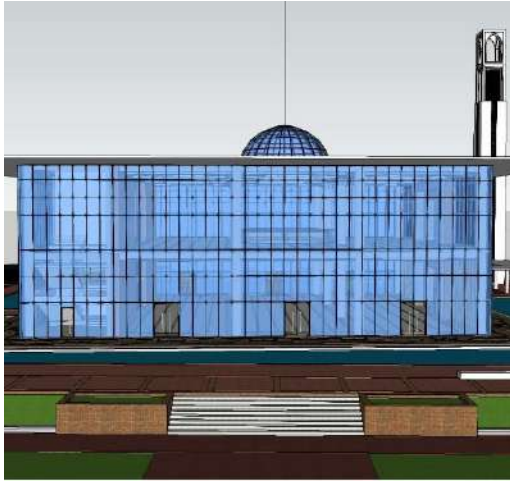
Client: RASS Associates Ltd.

### Types of Works

- Glass Dome



**PAYRA 1320  
MW THERMAL  
POWER PLANT**

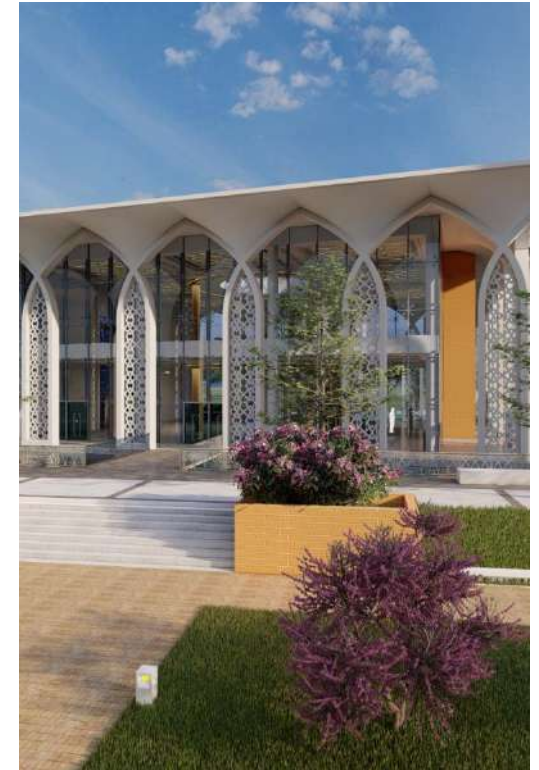


*Factory Building Photo*

## GLAZING WORKS

### Address

Payra power plant at Patuakhali



**Client: RASS Associates Ltd.**

### Types of Works

- Spider System.

**PAYRA 1320  
MW THERMAL  
POWER PLANT**



*Dome Photo*

## GLAZING WORKS

### Address

Narayangonj



**Client: Principal Group.**

### Types of Works

- Glass Dome



PRINCIPAL 100  
PLAZA



**smart**  
properties Limited



*Factory Building Photo*

## GLAZING WORKS

### Address

Kushabo, Dhaka City Bypass



**Client: Smart Properties Limited**

### Types of Works

- Curtain Wall
- Sliding
- Fixed Partition
- Glass Door



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*Tower 11 Photo*

## GLAZING WORKS

### Address

Banani, 11 No Road



**Client: Asif Mahmud**

### Types of Works

- Curtain Wall
- Fixed Partition
- Glass Door



**BANANI  
TOWER 11**

## GLAZING WORKS



**BANANI  
TOWER 11**

*GLASS SKYLIGHT*



*Wood House Grill*

## GLAZING WORKS

**Address**

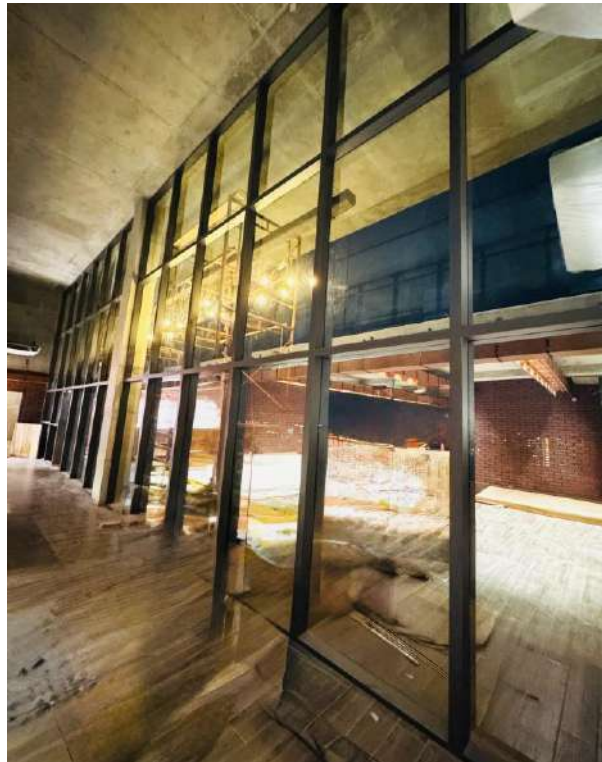
Gulshan 2



**Client: Woodhouse Grill**

### Types of Works

- Curtain Wall
- Sliding
- Fixed Partition
- Glass Door



**WOODHOUSE  
GRILL  
GULSHAN 2**

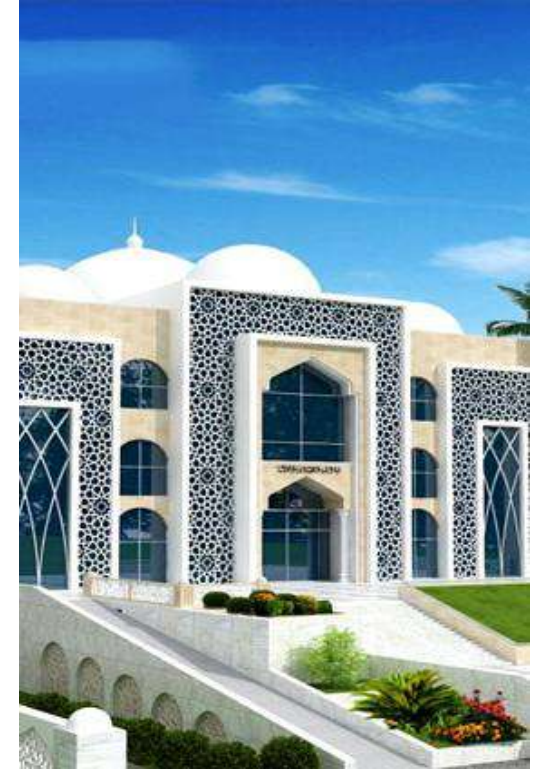


*Model Mosque Photo*

## GLAZING WORKS

### Address

Daudkandi, Comilla District.



**Client:** Bangladesh Islamic Foundation.

### Types of Works

- Curtain Wall
- Sliding
- Skylight

**MODEL  
MOSQUE**



*Bengal Hall Photo*

## GLAZING WORKS

### Address

Moulvibazar, Sylhet Division.

**Client:** Bengal Group.

### Types of Works

- Curtain Wall
- ACP



**BENGAL  
CONVENTION  
HALL**

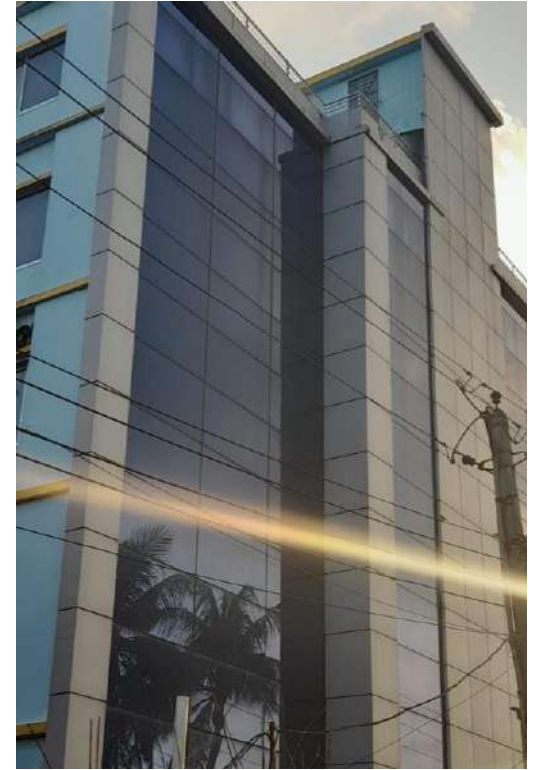


*Premier Footwear Photo*

## GLAZING WORKS

### Address

Plot-A-85, Kawnin, Barishal.



**Client:** Premier Footwear Limited.

### Types of Works

- Curtain Wall
- ACP





*Karim Textile Photo*

## GLAZING WORKS

### Address

Kalampur, Dhamrai, Savar.

**Client:** Karim Group.

### Types of Works

- Curtain Wall
- ACP



KARIM TEXTILE  
FACTORY



*Delphinium Photo*

## GLAZING WORKS

### Address

House: 126, Road:4, Block:A,  
Bashundhara R/A, Dhaka.



**Client:** Asset Holdings Limited.

### Types of Works

- Fixed and Sliding
- ACP
- Interior
- Glass Partition
- Glass Door
- Louver

**DELPHINIUM**



*Aarong Warehouse Photo*

## GLAZING WORKS

### Address

Tejgaon Industrial area, Dhaka.



**Client:** Asset Holdings Limited.

### Types of Works

- Fixed and Sliding
- Interior
- Glass Partition
- Glass Door
- Louver



**AARONG  
WAREHOUSE**



*Resort Photo*

## GLAZING WORKS

### Address

Berulia, Savar.



**Client:** Krishibid Group.

### Types of Works

- Curtain Wall
- EDF Euro Model

**KRISHIBID  
RESORT**

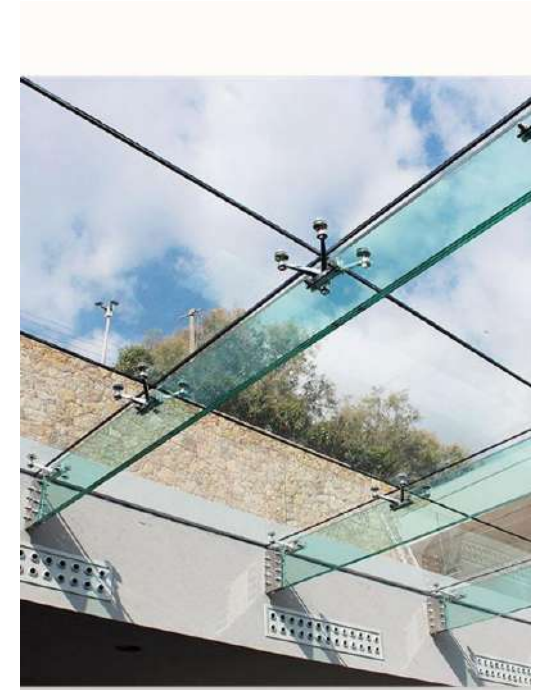


*Passenger Shade Photo*

## GLAZING WORKS

### Address

Mirpur ,DOHS, Dhaka.



**Client:** ACME Properties Limited.

### Types of Works

- Skylight.

**PASSANGER  
SHADE**



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## *SKYLIGHT PROJECTS*

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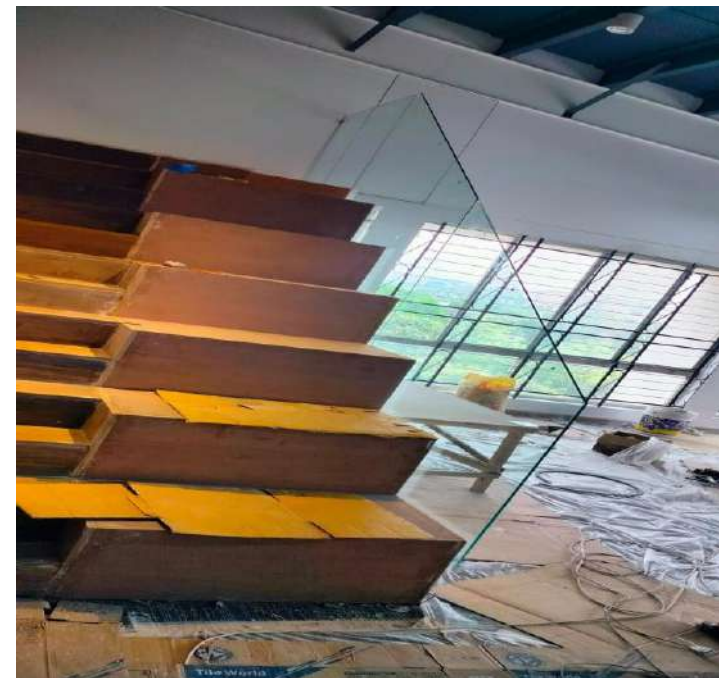
## *STAIR PROJECTS*

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## *EDF PROJECTS*

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*FOLDING DOOR PROJECTS*

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CSG FROM CHINA

**Our Range of  
Product Supply**



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*THANKS TO YOU*

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