

# Fiberglass Reinforced Plastics FRP Roofing & Corrugated Sheet FRP Flat & Pebble Sheet

Bumbung Gentian Kaca 玻璃钢-采光板]



## FRP ROOFING SHEET or Fiberglass Skylights

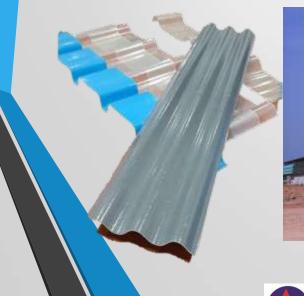
Elevate your spaces with Fiberglass Skylight Panels, proudly manufactured by Mui Fatt, a trusted FRP manufacturer. These panels are the epitome of natural lighting and energy efficiency, designed to illuminate interiors while minimizing electricity consumption.

Our Translucent reinforced corrugated fiberglass skylight panels are engineered with precision, offering a range of corrugated shapes that seamlessly integrate with existing corrugated metal panels. Say goodbye to the need for extra flashing or roof curbs. For flat or membrane roof areas, our skylights can be custom-fabricated onto built-up roof curbs, ensuring a perfect fit for your projects.

Our Fiberglass Skylight Panels are the ideal choice for a variety of applications, and as an FRP manufacturer, we take pride in delivering top-notch quality:

Residential awnings, adding a touch of elegance to patio decks and windows.

- Enhancing pergolas and gazebos, creating captivating outdoor spaces.
- Providing reliable shelter for carports, safeguarding vehicles while brightening the surroundings.
- Elevating commercial spaces with canopies and walkways that stand out.
- Illuminating barns and agricultural buildings for practicality and aesthetics.
- Meeting the lighting needs of factories, warehouses, and industrial structures.
- Integrating natural light into metal buildings and warehouses for a more productive environment.
- Choose Fiberglass Skylight Panels from our FRP manufacturing expertise to experience the benefits of superior craftsmanship and energy efficiency. Contact us today to discuss your specific requirements and bring natural light into your projects.





### FRP ROOFING SHEET & APPLICATION

#### Roofing For House & Factory

Fiberglass is commonly used as a roofing material, especially in industrial and commercial applications. It can be manufactured in various forms, such as panels or shingles, to cover large roof surfaces. FRP roofs are known for their durability, resistance to weathering, and longevity.

Fiberglass roofs are lightweight, making installation easier and reducing structural requirements. They offer excellent UV resistance, which prevents degradation due to sunlight. Additionally, they are water-resistant and can withstand extreme temperatures, making them suitable for various climates.

#### Fiberglass Skylight Tranlucent Sheet

Fiberglass skylights are translucent panels made from FRP materials. They are installed in roofs to allow natural light into interior spaces. These skylights come in different shapes and sizes, including corrugated and flat designs, to suit various architectural styles.

Fiberglass skylights enhance natural lighting within buildings, reducing the need for artificial lighting during the day. They are lightweight, durable, and weather-resistant, making them an energy-efficient and longlasting choice. They are commonly used in residential, commercial, and industrial settings to create well-lit and inviting interiors.

#### Green House

Fiberglass panels are widely used in greenhouse construction. They provide an ideal combination of light diffusion, insulation, and durability. FRP panels create a controlled environment for plants by allowing sunlight in while retaining heat and preventing excessive temperature fluctuations.

Fiberglass panels in greenhouses allow for optimal photosynthesis, promoting healthy plant growth. They are resistant to corrosion from humidity and chemicals commonly found in greenhouses. The durability of FRP panels ensures a longer lifespan for the greenhouse structure.

#### Gutter

Fiberglass is used in the fabrication of gutters, which are essential for channeling rainwater away from buildings. FRP gutters are lightweight, corrosion-resistant, and available in various profiles to suit different architectural styles.

Advantages: Fiberglass gutters are durable and require minimal maintenance. They do not rust or corrode, even in humid or rainy conditions. The lightweight nature of FRP gutters simplifies installation and reduces the structural load on the building.

#### Flat Panel & Sheet Application

Fiberglass flat panels find application in a wide range of industries, from construction to transportation. These panels are versatile and can be used for walls, partitions, cladding, and decorative purposes in architectural projects. They are also used in boat building, RV manufacturing, and more.

Advantages: FRP flat panels are known for their versatility, strength, and resistance to environmental factors. They can be customized in terms of color, texture, and finish to meet specific design requirements. These panels offer excellent insulation properties and are relatively low in weight, making them suitable for various applications.

Fiber-Reinforced Plastic (FRP) roofs offer several advantages over other roofing materials. Here are some key benefits of FRP roofs compared to traditional roofing materials like metal or asphalt shingles:

**Lightweight:** FRP roofing panels are lightweight, making them easier to transport, handle, and install. This reduces labor costs and the need for heavy machinery during installation.

**Durability:** FRP roofs are highly durable and can withstand harsh weather conditions, including extreme temperatures, UV radiation, and corrosion. They are less likely to crack, warp, or rot over time.

**Longevity:** FRP roofs have a longer lifespan compared to many traditional roofing materials. With proper maintenance, they can last for several decades, reducing the need for frequent replacements.

**Energy Efficiency:** FRP roofing panels are often translucent, allowing natural light to enter the building. This can reduce the need for artificial lighting during the day, leading to energy savings.

**Versatility:** FRP roofing materials come in a variety of shapes, sizes, and colors, allowing for flexibility in design and aesthetics. They can be customized to match the architectural style of the building.

**Low Maintenance:** FRP roofs require minimal maintenance. They are easy to clean and do not require regular painting or sealing. This lowers ongoing maintenance costs.

**Environmental Benefits:** FRP is a recyclable material, and some FRP roofing panels are made from recycled materials. Using FRP can contribute to sustainability efforts and reduce the environmental impact of roofing.

**Fire Resistance:** FRP roofing materials are often fire-resistant, providing an added layer of safety to the building.

**Chemical Resistance:** FRP roofs can resist damage from chemicals, making them suitable for industrial and commercial applications where exposure to corrosive substances is a concern.

**Cost-Effective:** While the initial cost of FRP roofing materials may be higher than some traditional options, the long-term cost-effectiveness, durability, and energy savings can make them a wise investment.

It's important to note that the advantages of FRP roofing may vary depending on the specific type of FRP material, its quality, and the intended application. When considering an FRP roof, it's advisable to consult with a roofing professional to determine the best solution for your particular needs and location.

# Continuos Shape Forming Process

Resin Mixing

Pre-soaked Fiberglass mat

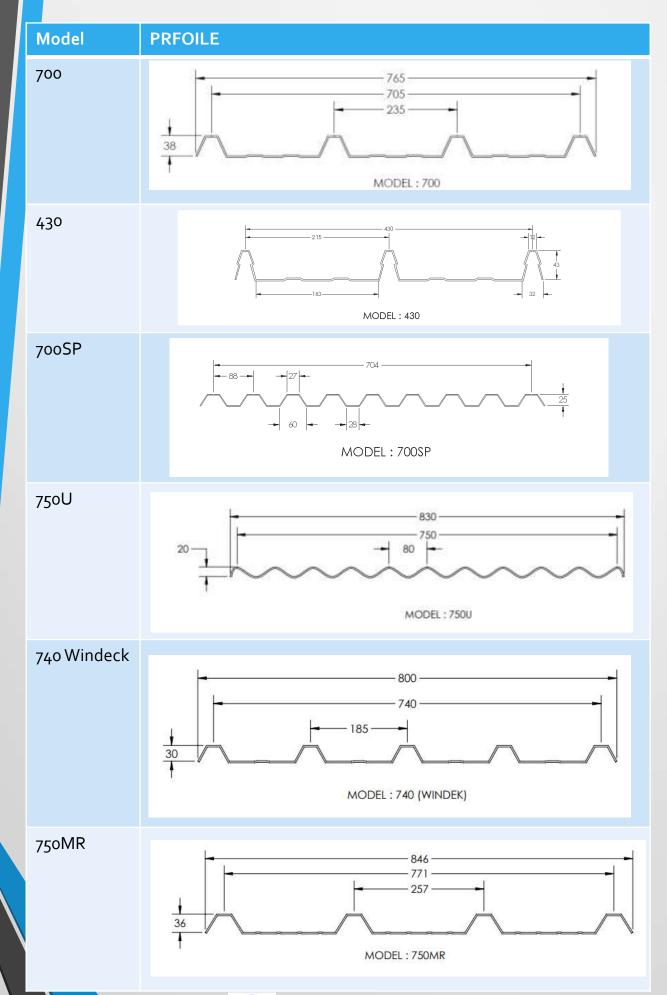
Heat & Shape Forming

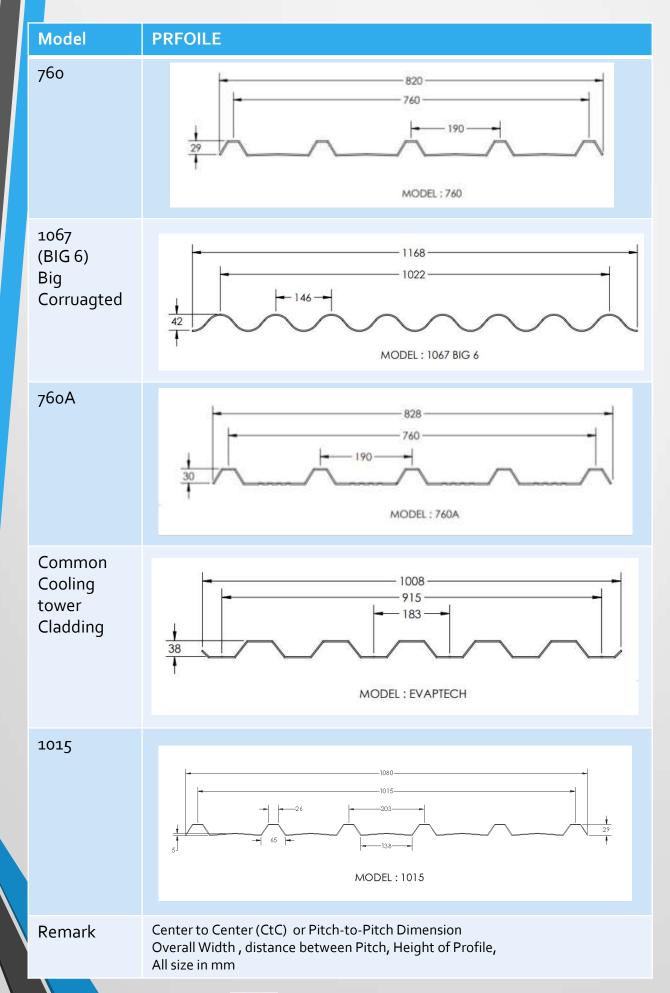
Hardening & Curing

Trimming & Packing

THICKNESS	Application
o.8 mm	Suitable normal usage for agricultrua base plant, live stocks
1.0 mm, 1.2mm 1.5mm, 1.8mm	Rainwater Roofing, fence Rails, panel, architectural panel, garden shed, roof tiles & Cladding
2.0mm	Better quality and better performance roofing application







## FRP FLAT SHEET PEBBLE SHEET & APPLICATION

In the realm of modern materials engineering, Fiberglass Reinforced Plastics (FRP) have emerged as a game-changing innovation. Nestled within the vibrant manufacturing landscape of Malaysia, we take immense pride in our production of high-quality FRP flat sheets and exquisite pebble pattern sheets. These remarkable products are engineered to redefine the possibilities across industries, especially in the automotive sector and beyond.

## FRP Flat Sheets: Unparalleled Strength and Durability

Our FRP flat sheets are the epitome of strength and durability. Crafted to perfection, they offer an extraordinary blend of resilience and longevity. With remarkable resistance to corrosion, these sheets are ideally suited for automotive components that face the harshest of environmental conditions. Whether it's for interior parts or exterior panels, our FRP flat sheets promise uncompromised performance.

## Pebble Pattern Sheets: Where Aesthetics Meets Functionality

For applications that demand a fusion of aesthetics and functionality, our pebble pattern sheets are the embodiment of excellence. These textured sheets not only introduce a touch of style but also provide enhanced slip resistance. This makes them the ideal choice for flooring solutions across various industries, including automotive workshops and manufacturing facilities.

#### **PRODUCT FEASTURES**

**Exceptional Strength:** Our FRP sheets exhibit remarkable strength-to-weight ratios, ensuring unparalleled structural integrity.

<u>Corrosion Resistance:</u> They offer outstanding resistance to chemicals and moisture, surpassing traditional materials in terms of longevity.

<u>Customization:</u> We acknowledge the unique requirements of each project. Therefore, we offer customization options that cater to your specific needs.

**Aesthetic Appeal:** Our pebble pattern sheets are designed to combine functionality with an appealing design, transforming any space they adorn.

## **Versatile Applications:**

Our FRP sheets find applications across a diverse spectrum of industries:

<u>Automotive</u>: Elevate the performance and appearance of vehicles with our FRP sheets, used in body panels, interiors, and more.

**Construction:** Ideal for architectural elements, including cladding, roofing, and decorative features.

**Marine:** Resilient to saltwater and UV exposure, making them an excellent choice for marine applications.

**Industrial:** From industrial walkways to chemical-resistant surfaces, our FRP sheets thrive in demanding industrial environments.

At the core of our manufacturing philosophy lies innovation and excellence, delivering superior FRP solutions to the automotive industry and beyond. Whether you seek durability, aesthetics, or both, our FRP flat sheets and pebble pattern sheets exemplify quality and performance like no other.

We invite you to connect with us today to explore how our FRP solutions can revolutionize your projects, ushering in a new era of innovation and quality in your industry.

# FRP FLAT SHEET PEBBLE SHEET & APPLICATION











# Our Company & Subsidiaries



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