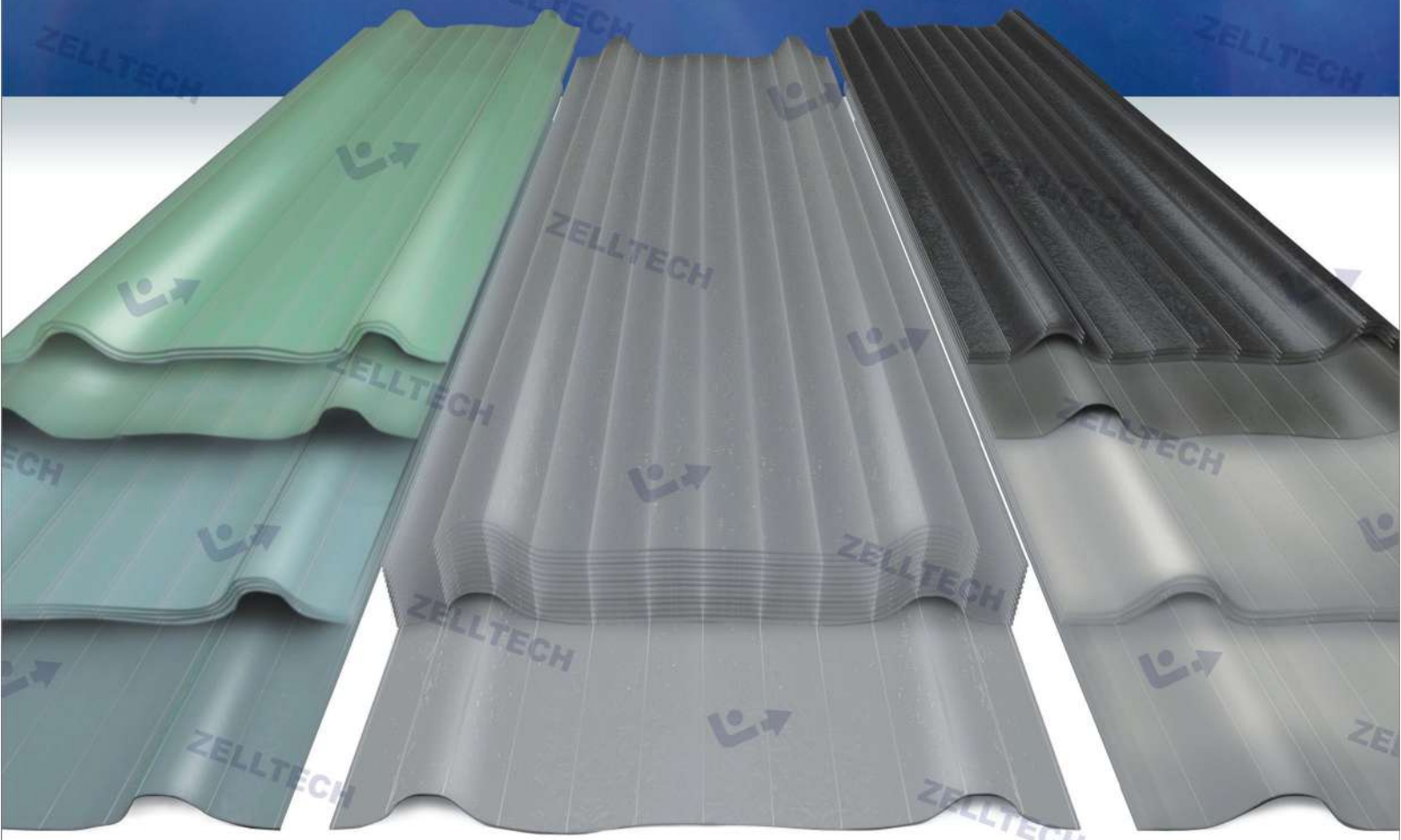
V-SKY FRP ROOF

ZELLTECH

ALL PRODUCTS CAME WITH WARRANTY ★★★★★

Light Emitting Fiberglass Reinforced Polymer

PRODUCT INFORMATION



A PRODUCT OF ZELLTECH™

US Tech. Green SGS

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ISO 9001:2015
ISO 9001 BUREAU VERITAS Certification
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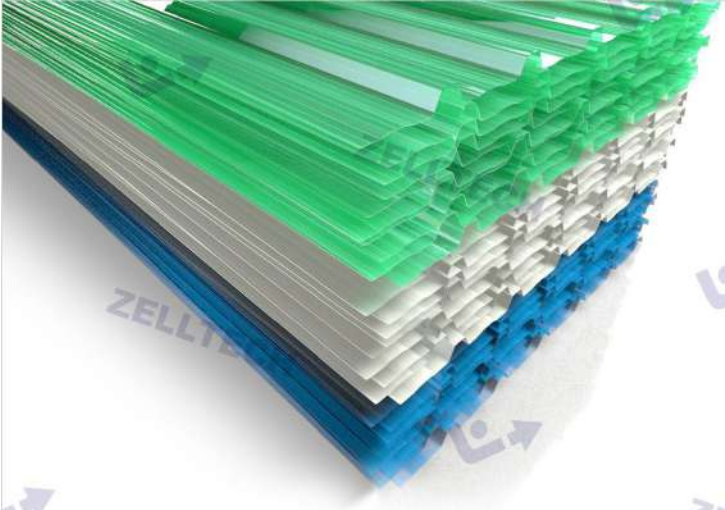


We bring the sun to your indoors..

V-Sky can match the corrugation of the existing roof.

Zelltech V-sky fiberglass reinforced polymer roofing and gutter provide the perfect green roof solution to meet your sustainable building lighting and energy saving requirements.

Why pay for what nature provides for free? Why pay for the best light that you can have... The Sun

V-Sky's translucent reinforced polymer roofing panels substantially reduce the amount of artificial illumination and electricity needed to light the inside of your building. V-sky has a product designed to meet your expectation. In addition to translucent and strong panels, V-sky's products are designed to fully optimize corrosion resistance, and to become the most durable, longest lasting fiberglass building panels on the market today.

Why V-Sky?

FIRE RETARDANT
V-SKY offers fire retardant properties, providing enhanced protection to help safeguard your building against fire.

HIGH STRENGTH
V-SKY panels are strong, durable and shatter resistant. They have a high strength to modulus ratio.

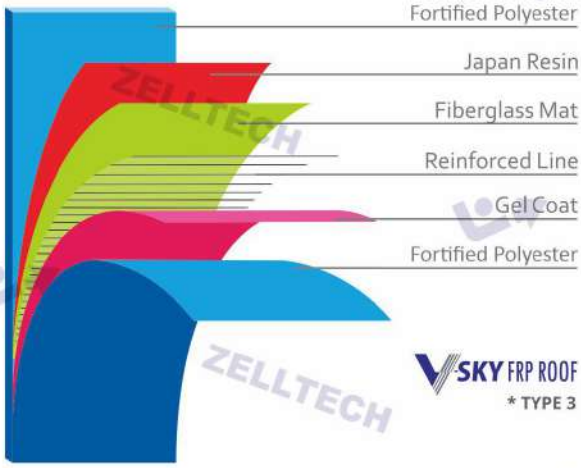
DIFFUSED LIGHT TRANSMISSION
V-Sky uses metallic dust to help diffuse light better than other materials.

CHEMICAL & CORROSION RESISTANT
V-SKY panels remain virtually unaffected in many chemical environments. There'll be no rust, rot,scale or mildew.

GOOD WEATHERING CHARACTERISTIC
V-SKY panels have 'built-in' UV and weather protection. There is no need to apply costly coatings or film. The outer exteriors of V-SKY are coated by Fortified Polyester.

VERSATILE
V-SKY offers a wide range of manufacturing and technical capabilities to meet specific needs. V-SKY are available in a wide range of colors, finishes and profiles are adaptable.

RESILIENT
V-SKY panels are naturally resilient and withstand large deflections associated with normal load and impact conditions.



Sophisticated Construction for a long-life endurance

V-Sky construction is one of a kind, one of the product in the market that uses high quality material such as **Fortified Polyester** and **GEL COAT** that brings:

- Surface smoothness and reflectivity
- Durability and protection against UV, and any weather

Quality Product is a result of Quality Process

Fully Automated Process

by US. Tech machineries

US Tech.

Long in-line feeder to output process with less human involvement.

Automated & Programmed control panel.

V-SKY FRP ROOF PROJECT APPLICATIONS

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Green House

Industrial

Public Space

V-SKY FRP ROOF

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V-Sky FRP roof panel provide the perfect green roof solution to meet your building lighting requirements.

Translucent panels provide the perfect green roof solution to meet your building lighting requirements; substantially reducing the amount of artificial illumination and electricity needed to light the inside of your building.

Fiberglass roofing panels are more dimensionally stable than competing materials such as PVC or Polycarbonate. Fiberglass roofing panels can be used over a much broader temperature range without concern of warpage, excessive expansion and contraction or cracking and brittleness commonly associated with these competing products.

Translucent reinforced corrugated fiberglass skylight panels are ideal for:

- Residential awnings over patio decks and windows
- Pergola and gazebo coverings
- Carports
- Restaurant and commercial canopies and walkways.
- Barn skylights & other agricultural building sklyights
- Factory building skylights & other industrial buildings
- Metal building skylights
- Warehouse skylights, etc.

FRP IS NOT STEEL

FRP Panels do not perform the same as steel panels and therefore should not be designed to the same requirements. Steel panels are generally 20 times stiffer than an equivalent FRP Panel of the same profile.

ADVANTAGE WHEN YOU INVEST IN V-SKY FRP

Save Energy
Reduction of electricity in lightings compared to those who turns on the lightings for approx 8 hours on the daytime working hours.

Anti Corrosion
Produced with a high quality isophthalic halogenated polyester resin.

Longest Lasting
A protective barrier on both exterior and interior surfaces that is fused into the resin/fiberglass matrix to give the panel even greater protection against degradation.

OPTIONAL PRODUCT ACCESSORIES

Ruspert Coating - Double Seal Washer Tech.

This screw is used to fasten V-Sky panels to steel grits and purlins. Double seal washer technology has better performance to avoid leakage. Contact us for special fastener availability.

V-SKY FRP GUTTER

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V-Sky for long lasting gutter solution

V-Sky gutter and downspout system was developed specifically for FRP-clad buildings in environments which can destroy painted metal and vinyl systems. While rain washes corrosive materials off wall and roof panels, significant amounts of these materials may actually accumulate in gutter sections. Gutter and downspout system components have to withstand even worse corrosive conditions than ordinary FRP panels.

V-Sky gutter is specifically designed with versatility in mind, this gutter will suit most field conditions. The continuous flange mounts under the roof panel thus eliminating the need for separate eave flashing. Connectors, inserts, and adapters conveniently fit snugly together.

ADVANTAGE OF USING V-SKY GUTTER

- Strength where it's needed most
- Performance and aesthetics
- Quick and easy installation

V-SKY	PRODUCT SPECIFICATION
Description:	The product shall be Zelltech V-sky Glass Reinforced Polyester Sheeting
Surface Coating:	TOP: Fortified Polyester UNDER: Fortified Polyester
Resin System:	The Resin System shall be.....[**HPRS**, 50FR, 25HTH or other]
Product Certification:	ASTM D790, ASTM D638, ASTM D792, ASTM D732, ASTM D696, ASTM D2583, ASTM D4329
Production Manufacturing Standard:	To ISO 9001:2015
Profile:	The Profile shall be.....
Weight:	The Weight shall be.....[1800, **2400**, 3050, 3660, 4880 or other g/m2]
Colour:	The Colour shall be.....[CLEAR, MILK WHITE, WHITE BLUE or other]
Installation:	To be carried out in accordance with the United States Design and Installation of sheet roof and wall cladding products ASTM Standard and Zelltech V-sky Roofing Products Co Ltd Installation and Maintenance procedures

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