

C COMPANY PROFILE



Guangdong Gongli Building Materials Co., Ltd is specializing in producing roof tiles. Over the years, the company has been adhering to the customer as the center, with the enterprise values of "honesty, innovation, cooperation, passion, it has developed into a set research and development, production, sales integrated services in the integration of innovative enterprises at home and abroad. At present, our products are selling well north and south, and also selling well all over the world, including America, South America, Southeast Asia, Africa and the Middle East and other countries and regions, so we Build up a lot of quality customers.

Our company is located in the hinterland of the pearl river delta--Lubao town, sanshui district, foshan city, guangdong province, it covers an area of over 40,000 square meters. With more than 200 employees and 15 advanced production lines, 3 are under construction, we can produce 80,000 tons per year. Our main products are ASA synthetic resin tile, ASA composite tile, UV-PVC, Chinese-Style tile, strong synthetic resin tile, translucent tiles and Various accessories. Our company is one of the most complete companies in the domestic production variety series, diversified products, this can meet the needs of different customers.

Gongli sincerely hope to cooperate with you and develop!

C CORPORATE CULTURE



Gongli the quality roofing sheet forerunner



Values: Customer focus, integrity, innovation, cooperation, passion



Vision: to be the leader of the world roofing building materials industry



Mission: Continuously provide competitive products and professional services to customers

FACTORY SCALE

WORKSHOP PRODUCTION LINE



Office Building



Products Gallery



Stock Workshop



Plant Appearance



Workshop



Raw material Plant



Parts Workshop



Parts Stock Workshop

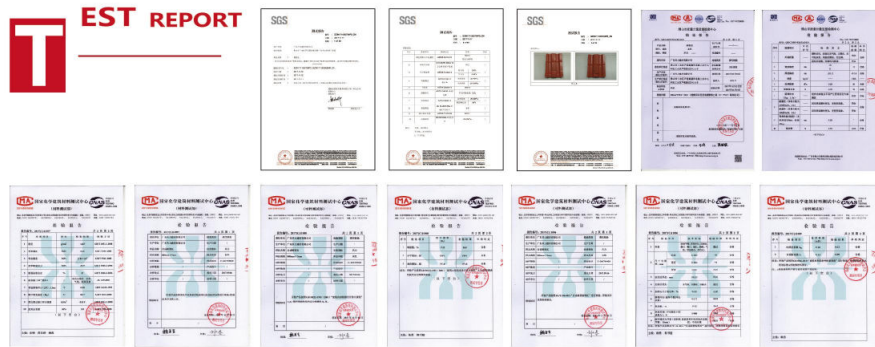
CORPORATE HONOR

Warm congratulations on the "high-tech enterprise" certification



A front jacking device for corrugated transmission A stacking device for corrugated sheet A slip-resistance resin tile A heating roller structure An air cooling device A waterproof anti-disengaging device for roofing installation

T EST REPORT



ISO MANAGEMENT SYSTEM

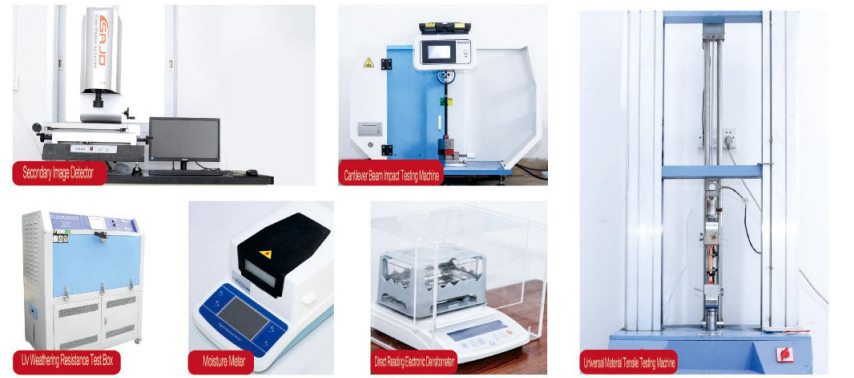


GONGLI adheres to standardized, procedural and normative management:
 QMS meets International Standards ISO9001:2015 Standard Certification
 EMS meets International Standards ISO14001:2015 Standard Certification
 OHSAS meets OHSAS18001:2017 Standard Certification

R RESEARCH CENTER



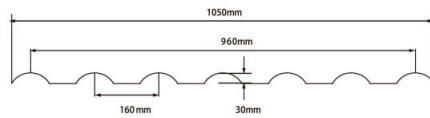
At present, R&D Center is equipped with numbers of Products Testing Equipments. Many tests and analysis can be performed here, such as Products Density Testing, Physical and Mechanical Analysis, Impact Resistance Analysis, Photothermal and Humid Environment Simulation Aging Performance Analysis, Product Toughness Performance Analysis, Product Thermal Insulation Performance Analysis, Product Strength Performance Analysis, Product UV layer Detection, Co-extrusion surface Material Thickness Detection, Formula Processing Performance Analysis, Raw Material Chemical Analysis, etc..



A SA SYNTHETIC RESIN TILE



ASA synthetic resin tiles adopt advanced three-layer common pressure technology, surface material A: weather-resistant resin; Middle material layer C: PVC material; Bottom material layer B: sub-weathering layer and white ductile wear-resistant material. The raw materials used are brand-new materials provided by high quality company.



Application:

Synthetic resin tiles are widely used in public buildings, civil buildings, villa, terrace houses, pavilions, recreation clubs, hotels, holiday villages, flat-slop conversion projects, countryside transformation and new rural constructions so on.

COLOR



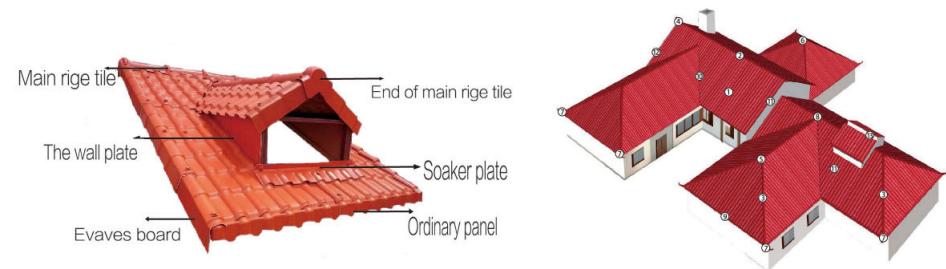
Specofocations

Thickness	Width	Length	Wave distance	Wave height	Pitch
2.5-3.0mm	1050mm	Multiples of the pitch mad	160mm	30mm	219mm

A SA SYNTHETIC RESIN TILE

Product performance:

- 1.Color Fastness: Lasting color for 10 years**
The surface material is made of super weather resistant ASA engineering resin. It has extraordinary durability in the natural environment. Color stability can be maintained even under harsh conditions of ultraviolet light, moisture, heat and cold.
- 2.Excellent Corrosion Resistance**
Synthetic resin tile can resist the corrosion of acid, alkali, salt and other chemical substances for a long time. And phenomena of rust, spots ect. will not appear under various adverse urban enviromental conditons like acid rain ect..
- 3.Strong Impact Resistance**
According to the test, 1kg steel ball falling freely from 3 meters high will not crack synthetic resin tile, which has a strong bearing capacity of external impact.
- 4.Good Load Resistance**
In low temperature climate, even if the roof under perennial snow, synthetic resin tile will be not damaged or torn. The test also shows that the resin tile will not deform and fall under the purlin distance of 880mm, and extra 60kg loaded.
- 5.Good Sound Insulation**
Resin tile has good sound insulation and silencing effect. When exposed to external noises such as rainstorm and gale, it can be both sound insulated and noise absorbed. The test results show that the average sound insulation volume is over 30dB.
- 6.Fire Resitance**
Resin tile materials belongs to the refractory materials, and te fire rating meets international CB 8624-2012 B1 level.
- 7.Convenient Installation**
Synthetic resin tile is easy to install, and tile installation is more efficient and cost-effective.
- 8.Self Cleaning**
The surface of the resin tile is smooth and compact, which does not absorb water, dust and will be more clean and bright after rain wash.



S TRONG SYNTHETIC RESIN TILE



strong synthetic resin tile with high strength fiber grid as a skeleton, the lower level of high toughness of corrosion resistant layer PVC, import ASA layer surface using high weather resistance, using four layer composite extrusion molding technology at a time.

Product performance:

1. Super shock resistance:

the composite resin tile is enhanced to improve the impact resistance by 50% compared with the same type of common resin tile, which is applicable to areas with frequent hail.

2. exceptional ability to resist the wind:

ordinary resin tile mostly due to wind damage, strong pull a strong contrast with type common resin watts can be increased by 60%, effectively avoid the tear of caused by the strong wind, thereby greatly prolonging the life of the tile.

3. Extraordinary resistance to temperature difference deformation:

due to the stability of the built-in fiber itself, it can ensure that the waterproof roof does not deform when the temperature difference significantly changes.

4. Supernormal load resistance:

compared with the same type of ordinary resin tiles, the flexural resistance is increased by 50%, effectively reducing the construction cost.

5. Super anti-aging:

the reinforced synthetic resin tile adopts imported super high weathering resistance ASA engineering resin as the surface material, with a longer service life.

COLOR



Specofcations

Thickness	Width	Length	Wave distance	Wave height	Pitch
2.8mm	1050mm	Multiples of the pitch mad	160mm	30mm	219mm

I NSTALLATION NOTES

Correct Installation methods and Attention of Synthetic Resin Tile:

1. Correct Placement of Tile

- 1.1 Overlapping (For roof length $\leq 15M$)
- 1.2 Interleaving (For roof length $\geq 15M$)

2. Correct Use of Special Nail

- 2.1 The special nail must be nailed in the middle of the tile bone to be waterproof.
- 2.2 Fixation interval of special nails is 50CM ~ 100CM, 4pcs/m2 is better.
- 2.3 Special nails must be made from the lower end of the tile to the roof top to be more beautiful, airtight and neat.

3. Install the seal ridge tile to seal off eaves cover

- 3.1 Separate the sealing strip in half, and cover the ridge tile according to tile shape on the roof and fix with speical nail.
- 3.2 Seal the joint of the lateral tile with cement, cover the ridge tile directly and end bottom of ridge by small tiles.
- 3.3 To install and nail verge cover directly on the lower end of tile or roof eaves.
- 3.4 Ridge tile joints should be clipped with scissors to fit the interface, overlapped and sealed with glass glue

4. Waterproof Treatment for Protruding Part

First, make a V-type material as water connecting, which can be different materials and specifications accordingly, fix it at the bottom and install color steel tile on it.

5. The connection and installation of the inclined plane

It refers to the construction of water connection at the bottom of two roofing tiles after cutting off by angle and length. First, water connection materials (i.e., gutter) are installed under the tiles, and then finish with waterproof adhesive or cement.

Safety Precautions:

- 1. Wear necessary safety equipments, such as gloves, hard hats, safety belts, etc.
- 2. Installation workers must be certified professionals
- 3. The skeleton must be firmly installed
- 4. Walk on the tile, try to step on the middle part of the tile not the edge when installation
- 5. Installation should be cautious in bad weather

INSTALLATION INSTRUCTIONS



T **ABLE ACCESSORIES**

Name	Physical map	Specification	Use	Sectional dimensions
Main ridge tile		Length: 1050mm Effective length: 960mm	For main roof	
Antiqued top ridge tile		Length: 1050mm Effective length: 960mm	For main roof	
Tilted ridge tile		Length: 1050mm Effective length: 960mm	For tilted roof	
Decorative pattern panel		Length: 1050mm Effective length: 960mm	Eaves flashing board	
Ordinary panel		Length: 1050mm Effective length: 960mm	Eaves flashing board	
The wall panel		Length: 1050mm Effective length: 960mm	Eaves flashing board	
The wall panel		Length: 1050mm Effective length: 960mm	Eaves flashing board	
Vertical wall flashing board		Length: 1050mm Effective length: 960mm	Eaves flashing board	
Exposed corner deflector		Length: 1050mm Effective length: 960mm	Gable clapboard	
Left verge board		Length: 1050mm Effective length: 960mm	Dormer clapboard	
right verge board		Length: 1050mm Effective length: 960mm	Dormer clapboard	

T **ABLE ACCESSORIES**

Name	Physical map	Specification	Use	Sectional dimensions
Oblique ridge ends		Length: 300mm Width:90mm Height:220mm	Endcap of main ridge tile	
Antiqued top ridge end		Length: 370mm Width:280mm Height:180mm	Endcap of antiqued top ridge tile	
Positive ridge head		300mm x 260mm x 100mm	For tilted roof	
Tee		160mm x 180mm x 180mm	Ridge;For connecting	
Four-way		300mm x 300mm x 300mm	Ridge;For connecting	
Right angle tee		280mm x 560mm	Ridge;For connecting	
Antiqued L Joint		280mm x 280mm	Ridge;For connecting	
Straigh culling		450mm x 450mm	Positive ridge ends	
Oblique culling		330mm x 270mm	Oblique ridge ends	
Newborn		250mm x 200mm	Oblique ridge ends	



A SA FLUME



ASA flume takes ASA as the main raw material, is equipped with a certain functional auxiliary agent, which is shaped by extrusion, and is a newer substitute for iron ore flume, iron plate flume and fiberglass flume.

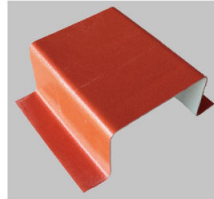
Products Features:

- 1.The curved cornice groove is not only beautiful in appearance, but also can increase strength.
- 2.Durable, non-corrosive and aging resistant.
- 3.Long service life.
- 4,Accessories complete.

Specofocations

Thickness	Width	Length	Wave distance	Wave height	Pitch
2.8mm	Bottom Width 150mm x Height 100mm	The standard length of main tank is 2.9m			

ACCESSORIES



Flush connection: it is convenient and fast to connect the tank body



Flat sealing: add the sealing at the end of the water tank, making the whole water tank more perfect and the appearance more beautiful



Lower water seal: flush water, which is convenient and quick and easy to install

W ALL TILE



The wall tile adopts the advanced three-layer coextrusion technology, the surface material layer A of the weather resistance resin ASA, Intermediate material layer C of PVC material, underlying material layer B of sub-weathering layer and white ductile wear-resistant material.

Including the main ridge tile and crest tile, only a tile can solve the aesthetic building problem of both sides of the wall.

Scope of application: Chinese style archaized architecture, park, villa, garden, archway, temple, wall and other classical garden architecture.

Products Features:

- 1.Lasting abd durable Color.
- 2.Long Service Life.
- 3.Covenient Installation, Low Cost.




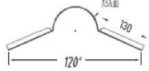

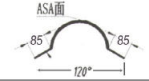

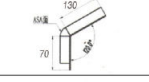

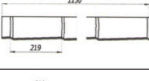



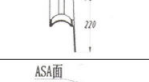

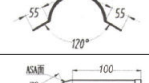


COLOR




Specofocations

Thickness	Width	Length	Wave distance	Wave height	Pitch
2.8mm	1050mm	Multiples of the pitch mad	160mm	30mm	219mm

T ABLE ACCESSORIES

Name	Physical map	Specification	Use	Sectional dimensions
Main ridge tile		Length: 1050mm Effective length: 960mm	For main roof	
Tilted ridge tile		Length: 1050mm Effective length: 960mm	For tilted roof	
Ordinary panel		Length: 1050mm Effective length: 960mm	Eaves flashing board	
Left verge board		Length: 1050mm Effective length: 960mm	Dormer clapboard	
right verge board		Length: 1050mm Effective length: 960mm	Dormer clapboard	
Oblique ridge ends		Length:300mm Width :90mm Height:220mm	Endcap of main ridge title	
Positive ridge head		200mm x 200mm x 70mm	For tilted roof	
Tee		160mm x 180mm x 180mm	Ridge;For connecting	

Name	Specification	Physical map	Use
Sealed Cap	Φ 24x10		Second generation waterproof accessories
Sealed Lid	36x30		Special for sealing ring
Sealing Ring	Φ 17.5x2.5		Tile special for steel structure roofing installation
Self-tapping Screw	ST6.3x65/75/125		Tile special for steel structure roofing installation
Wood screw	6.3x100		

P ROJECTS



Guangzhou flat-to-sloping roof project(project date:2015)



Hunan New Rural Constructions(project date:2016)

P ROJECTS



GuangXi Junxin international building(project date:2016)



Hongkong Dapu Spanish International School(project date:2017)



Qingyuan renovation project(project date:2014)



Zhuhai Yu Hotspring Resort(project date:2017)



Guangzhou Baiyun Airport(project date:2017)



Fujian Living Quarters(project date:2013)

P ROJECTS



Hunan Hengyang Agritainment(project date:2016)



Qingxin Hot-Spring Resort(project date:2016)



Hainan Resort(project date:2014)



Meizhou Dapu Beautiful Countryside Project
(project date:2017)

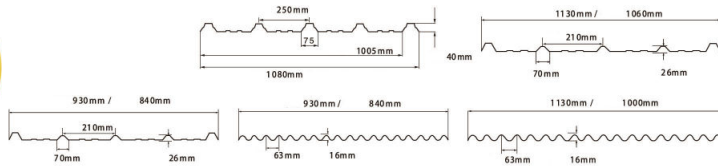


Huizhou Food Farm(project date:2015)



Jiangxi Residential Renovation Project
(project date:2013)

A SA COMPOSITE TILE



Product performance:

- 1. Corrosion resistance:** Soa for 24 hours in salt, alkali and 60% of acid without chemical reaction. It is suitable for acid rain prone area, corrosive plant and coastal area, the effect is particularly remarkable!
- 2. Weather resistance:** The surface material is extruded by super resistant resin surface layer, and the surface resistance layer thickness $\geq 0.2\text{mm}$, thus ensuring the durability and corrosion resistance of the product.
- 3. Sound insulation performance:** It has been proved by experiment that, in the case of heavy rain, high wind and other external noises, the anti-corrosion composite wave tile has a good absorption noise effect, which is n 30dB lower than the noise of the color steel plate.
- 4. Fire retardancy:** According to the standard test of gb8624-2006 by the national fire protection authority, level of fire protection performance $\geq B$
- 5. Thermal insulation:** The thermal conductivity of the product is 0.325w/m.k, about 1/310 of the clay tile, 1/5, 5mm of the cement tile and 1/2000 of the tiles. At the same time, it is all sunshade, the product is compared with the two-layer co-extrusion, the biggest advantage is that it greatly improves the thermal insulation performance.
- 6. Impact resistance:** low temperature resistance: The product has strong external impact bearing capacity, the performance of the test is also remarkable.
- 7. Insulation performance:** The product is an insulating product, and it is in good condition when Accidental discharge. In particular, it is more secure to replace the metal tiles in the area of the lightning area and the high pressure line.

COLOR



White Blue GZ Red Gary Claret Dark Green Blue Ash Birck Red

Specofocations

Thickness	Width	Length	Wave distance	Wave height	Pitch
1.5mm-4.0mm	1130mm		210mm	26mm	

C HINESE-STYLE STILE



Chinese-Style tile is substitute for rural adobe houses and ancestral homes. It is also used in ancient city roofing, villas, mobile houses, garden buildings, farmhouses, etc.



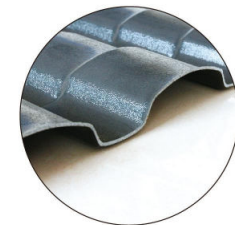
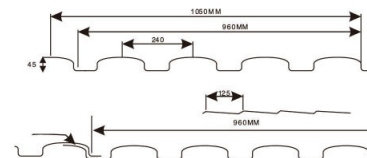
Blue Ash



Gary

Product performance:


- 1. Sound insulation and heat insulation:** It has been proved that in the case of heavy rain, high wind and other external noises, small green tiles have a good effect of absorbing noise.
- 2. Aging resistance and corrosion resistance:** Chinese-style tile can withstand the corrosion of acid, alkali, salt and other chemical substances for a long time. The effect is more pronounced in acid rain areas and coastal areas.
- 3. Archazize original ecology:** Chinese-style tile Preserve the traditional and elegant color of the house, the visual impact of the three-dimensional sense, inheriting the old and simple beauty of the home.
- 4. Color lasting:** It has a good durability in the natural environment. Even if it is exposed to ultraviolet radiation, high temperature and cold weather for a long time, it still keeps its color stable.
- 5. Strong load resistance:** With good carrying capacity, it is not easy to produce surface and fracture phenomena.
- 6. Good waterproof property:** here are few joints in the roof, so the water resistance of the Chinese-style tile is greatly improved.



Specofocations

Thickness	Width	Length	Wave distance	Wave height	Pitch
2.5mm/3.0mm	1050mm	Multiples of the pitch made	240mm	45mm	125mm

T ABLE ACCESSORIES

Name	Physical map	Specification	Use	Sectional dimensions
Main ridge tile		Length: 1050mm Effective length: 960mm	For main roof	
Hypotenuse oblique ridge tile		Length: 1050mm Effective length: 960mm	For tilted roof	
Straight diagonal ridge		Length: 1050mm Effective length: 960mm	For tilted roof	
Drain board		Length: 1050mm Effective length: 960mm	Eaves flashing board	
Drain board		Length: 1050mm Effective length: 960mm	Eaves flashing board	
Left Sealing side		Length: 1050mm Effective length: 960mm	Dormer clapboard	
Right Sealing side		Length: 1050mm Effective length: 960mm	Dormer clapboard	
Hypotenuse oblique ridge ends		Length: 300mm Width:90mm Height:220mm	Endcap of main ridge title	
Straight oblique ridge ends		Length: 300mm Width: 320mm	Endcap of main ridge title	
Oblique ridge plug		280mm x 130mm x 160mm	For tilted roof	
Tee		160mm x 180mm x 180mm	Ridge;For connecting	

P ROJECTS



Guizhou Sinan County New rural reconstruction project (project date :2017)



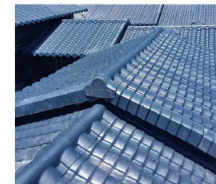
Hunan Houses renovation (project date :2015)



Guizhou government project (project date : 2017)



Yingde Tourist area Memorial arch(project date:2017)



Fujian residential renovation (project date:2016)

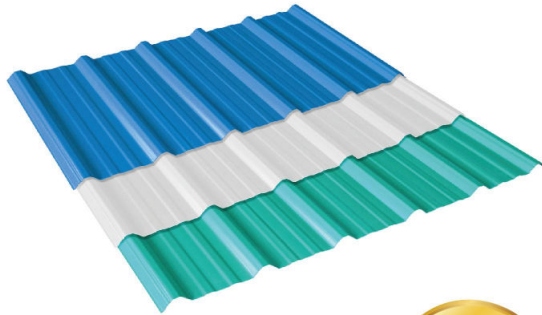


Zhejiang Houses renovation (project date :2015)

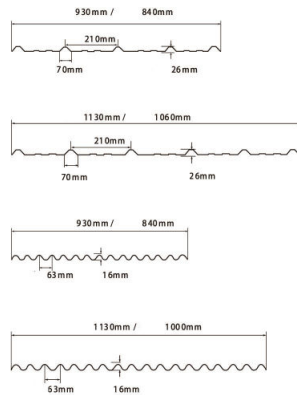


Yingde Tourist area Memorial arch(project date:2017)

A -PVC STEEL TILE



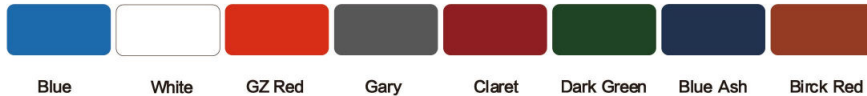
A-PVC is a kind of composite tile, its surface is covered with a layer of super weather resistant PVC material, and the bottom layer is white high strength. In ultraviolet absorption, light stability, anti-oxidation and other aspects, we make some addition of high-quality formula.



Product performance:

- Weather resistance:** Due to the addition of anti-ultraviolet extrusion, the weatherability is significantly improved.
- Corrosion resistance:** blister in acid base solution, no change.
- Sound insulation:** the noise of rain is 20 dB lower than color plate.
- Thermal insulation:** test proves that the insulation is 2-3 ° C lower than color plate.
- Insulation:** it is an insulating material that does not conduct electricity during thundering.
- Fire prevention:** according to GB 8624-2006 test, fire performance > B.
- Convenient installation:** tile paving is more efficient and cost saving.

COLOR



Specofocations

Thickness	Width	Length	Wave distance	Wave height	Pitch
1.5mm-4.0mm	1130mm		210mm	26mm	

P ROJECTS



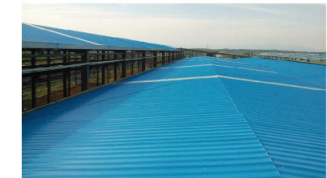
ZheJiang Steel Plant(project date:2014)



Qingyuan Plant(project date:2014)



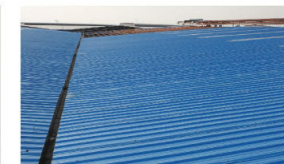
Heshan Plant(project date:2016)



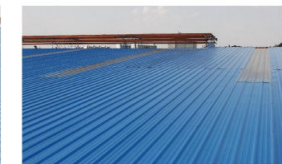
Guangxi Hechi Chemical Fertilizer Plant(project date:2015)



Foshan TOPTECK Stainless Steel Plant (project date:2015)

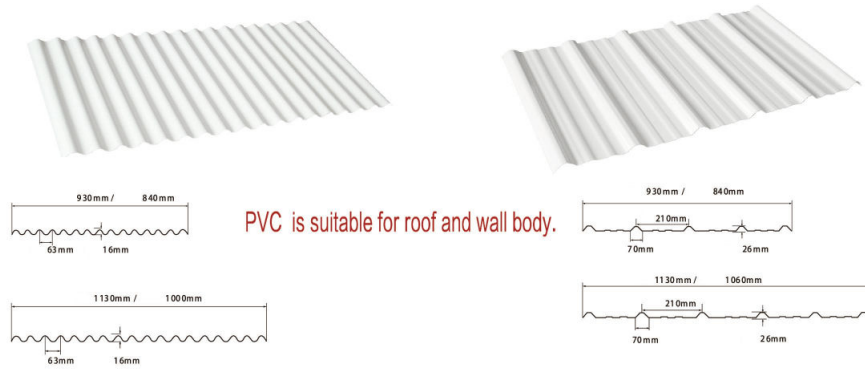


Year of Asia Logistics Park Sanshui Plant (project date:2016)

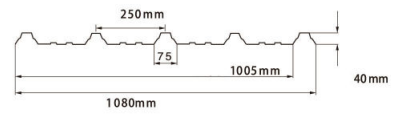
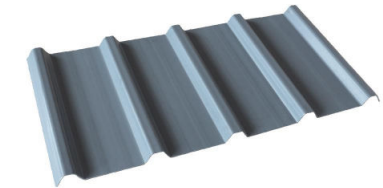


Zhaoqing Electronics Factory(project date:2016)

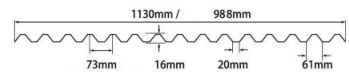
P VC/HIGH LADDERS PVC SHEET/SMALL LADDERS PVC SHEET



PVC is suitable for roof and wall body.



High ladders pvc sheet product structure, better waterproof performance, suitable for heavy precipitation areas.



The small ladders pvc sheet can be used on the roof and wall body. The product is stronger and can protect the local hailstones.

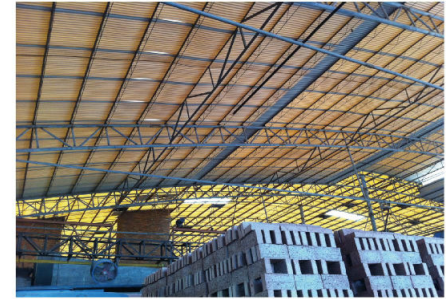
COLOR



P ROJECTS



Pepsi Cola factory abroad(project date:2017)



Ganzhou Plant of Brick Yard(project date:2014)



Qingyuan Octavia Ceramics Factory(project date:2013)

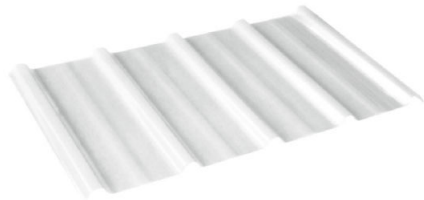


New Pearl Ceramics Factory(project date:2013)



Gaoyao Plastic plant(project date:2015)

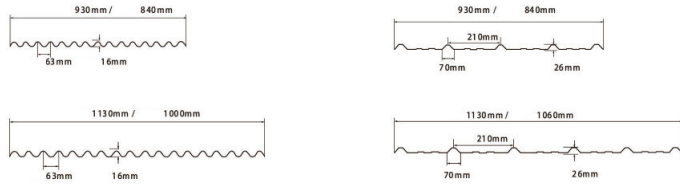
F RP LIGHTING BOARD



FRP lighting board, also named as glass fiber reinforced polyester lighting board, from high performance protective film, unsaturated polyester resin and fiberglass. Due to its stable quality and durability.

Product performance:

- 1.Translucent:** light transmission rate is 60%-85%, while the light through the FRP panels was widely scattered, light and soft, does not from a brand of light, so that it can make the indoor brighter.
- 2.Corrosion resistance:** the ability of various PH and other chemical corrosion, especially suitable for using in coastal and corrosive areas.
- 3.Temperature resistance:** The product is a thermosetting polymer materials temperature range-40°C to 120°C.
- 4.Impact resistance:** Due to the product structure of glass fiber reinforced materials contained crisscross, thus greatly improving the impact resistance of the product, in being under the impact of gravel and hail, can not break easily.
- 5.Weather resistance:** anti-aging products, DuPont membrane covering the surface 23 μ m, so anti-aging product performance is greatly improved.



Specifocations

Thickness	Width	Length	Wave distance	Wave height	Pitch
1.5mm/2.0mm	1130mm		210mm	26mm	

P ROJECTS



Henan Air field of Brick Yard(project date:2014)



Yangchun Air field of Brick Yard(project date:2015)



Jiangsu Trading Company(project date:2014)



Zhejiang Workshop(project date:2016)



Huaiji Brick Yard Plant(project date:2014)

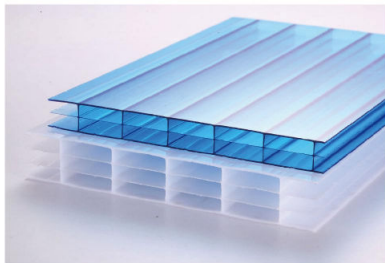
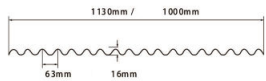
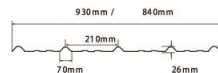
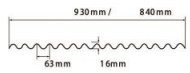


Guangxi Livestock Farms(project date:2014)

P C TRANSPARENT TILE/SUN SHEET



This product is made of PC board through multiple thermal processing, which can be widely used for the requirements of special shape and small batch transparent tiles.

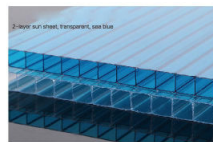
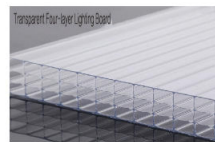


Product performance:

- 1. Light Transmisson:** The light transmission reaches 12%-82% depending upon colour and thickness.
- 2. UV-Protection:** Attributing to the proprietary UV surface, sheet still remain perfect mechanical properties after exposed to extreme weather for a long time.
- 3. Weather Ability:** It have a good weather ability, can maintain excellent properties in a wide temperature range form -40°C to 120°C.

Specofocations

Thickness	Width	Length
4-12mm	2100mm	6000mm



P ROJECTS



Factory waterproof sunshade(project date:2015)



Zhejiang Sunlight Room(project date:2014)



Zhanjiang Agricultural Greenhouse(project date:2013)



Waterproof Sunshade(project date:2016)



Cell Carport Entrance(project date:2015)



Parking Entrance(project date:2014)



Entrance Aisle(project date:2015)



- High-tech enterprise
- International standard SGS
- ISO9001:2015 Standard Certification
- China Top Brands

Guangdong Gongli building materials co., LTD

Official website : <http://www.gonglipvc.com>

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of Sanshui Center ,Foshan City, Guangdong Province. China



广东共力建材有限公司

Guangdong Gongli building materials co., LTD

ASA Synthetic resin tile, Chinese-style tile, A-PVC corrosion composite tile,
UV-PVC tile corrosion, Transparent tile

好瓦, 共力造