

SANDWICH PANEL

PU Sandwich panel

EPS Sandwich panel

XPS Sandwich panel

ASA/PVC wall panel

ROOFING TILE

ASA synthetic resin tile

ASA/PVC composite tile

FRP transparent roof tile

PC transparent roof tile

LUO QIAN YI



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SANDWICH PANEL

PU SANDWICH PANEL (polyurethane)

The PU Sandwich Panel is mainly consists of three parts: the first part is the color coated steel plate which is made of nanotechnology materials; the second layer is polyurethane material; the third part is a layer of aluminum foil. It has the excellent anti-corrosion and fire protection functions.

EPS\XPS SANDWICH PANEL

The core materials of EPS/XPS Sandwich Panel and PU Sandwich Panel is totally different. As shown in the following figure.



PU



EPS



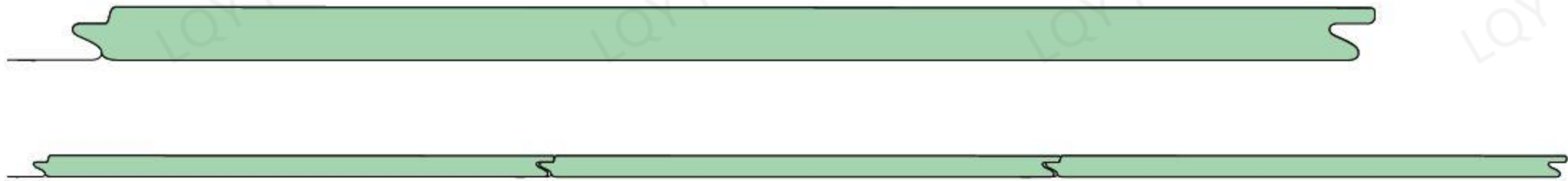
XPS

Attributes

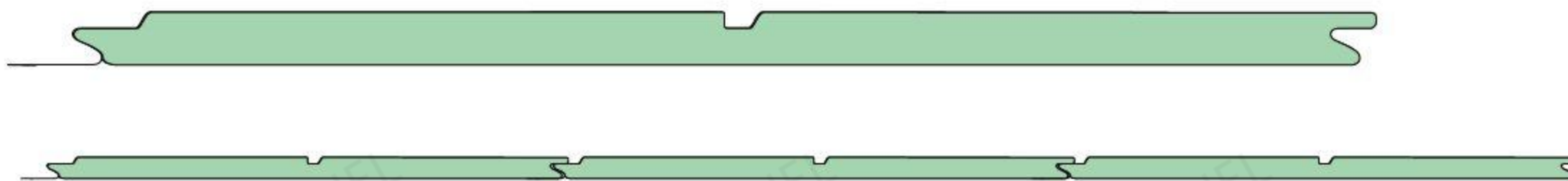
Product name	PU Sandwich Panel
Thickness	9-30mm
Width	42cm(application38cm)
Length	1-6000mm
Exodermis	Galvalume steel plate
Steel coating	HDP,>30um
Core material	Polyurethane,42kg/m ³
Closed cell rate	>95%
Bottom material	aluminum foil
Thickness of bottom material	0.26mm
R-VALUE	0.55 m ² *k/w
Heat conductivity	0.024 w/m*k(in theory)
Certificate	ISO9001,CE
Fire resistance level	B1/B2
Size toleranc	-/+2mm
Tensile bond strength	0.17MPA
Wind load value	9KPA
Package	10 pieces/carton
Package Size	(0-6000mm) *42mm*(90mm-300mm)(10 pieces/carton)
Container load	20GP:1600sqm(panel length 1.82m)40HC/HQ : 3800 sqm (panel length:3.8m).40NOR:3300 sqm(panel length:3.8m).(Width: 16mm)
Warranty	>5 years
After-sale Service	Online traing,online technical support
Port	QINGDAO\Ningbo\Tianjin
Brand	LUOQIANYI

Plate type & Panel joint detail

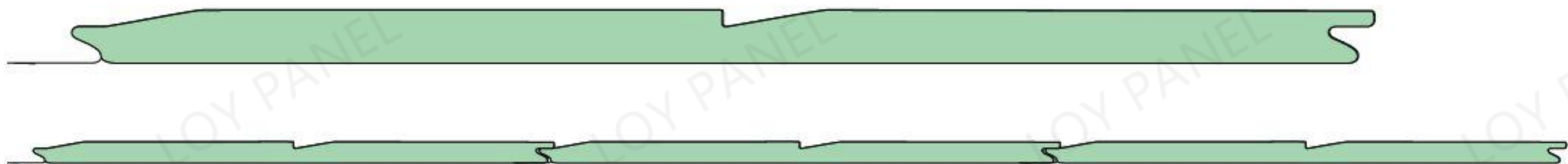
no groove



Right angle groove



Inclined groove



COLORS

Brick Style

The surface of Sandwich Panel is composed of concave and convex brick patterns.

(a concave and convex surface)



LQY-0001



LQY-0002



LQY-0003



LQY-0004



LQY-0005



LQY-0006



LQY-0007



LQY-0008



LQY-0009



LQY-0010



LQY-0011



LQY-0012



LQY-0013



LQY-0014



LQY-0015



LQY-0016



LQY-0017



LQY-0018



LQY-0019



LQY-0020



LQY-0021



LQY-0022



LQY-0023



LQY-0024



LQY-0025



LQY-0026



LQY-0027



LQY-0028



LQY-0029



LQY-0030



LQY-0031



LQY-0032



LQY-0033



LQY-0034



LQY-0035



LQY-0036



LQY-0037



LQY-0038



LQY-0039



LQY-0040



LQY-0041



LQY-0042



LQY-0043



LQY-0044



LQY-0045



LQY-0046



LQY-0047



LQY-0048



LQY-0049



LQY-0050



LQY-0051



LQY-0052



LQY-0053



LQY-0054



Flat panel style

The surface of the sandwich panel is smooth, even if there are patterns.
(flat surface)





Water grain style

The surface of the sandwich panel is a concave-convex water ripple pattern.
(Concave-convex water ripple surface)



The mud lines style

The surface of the sandwich panel is a concave-convex irregular mud pattern.
(Concave-convex mud surface)





Mosaic style

The surface of the sandwich panel is concave-convex mosaic pattern.
(Concave-convex mosaic surface)



Corrugated style

The surface of the sandwich panel is corrugated.
(concave-convex corrugated surface)



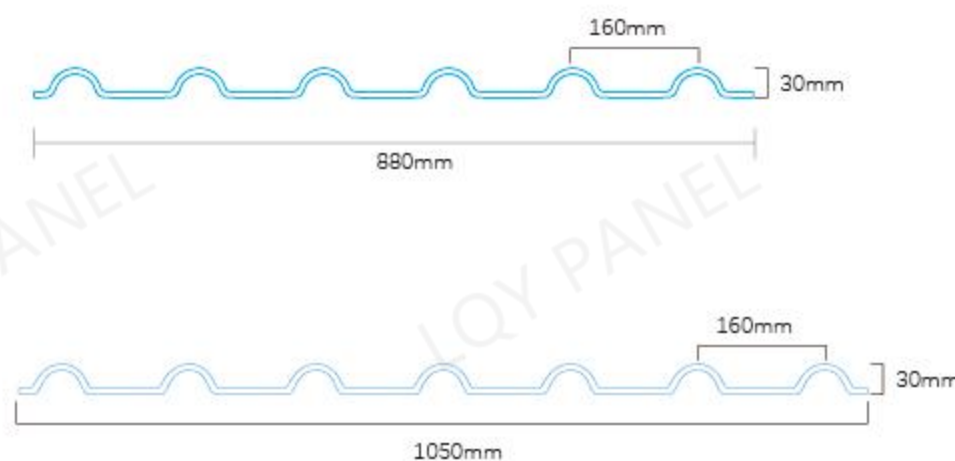
Oak style, slate style

The surface of the sandwich panel is concave-convex wood grain or long slate grain.
(concave-convex surface)



ASA synthetic resin tile

The ASA synthetic resin tile is made of ASA Resin materials that can withstand extreme weather and maintain the color fresh for a long time. Washed by the rain, as new as ever.



dark green



orange



red



dark grey



sky blue

Attributes

Thickness: 2.3mm、2.5mm、2.8mm、3.0mm
 Width: 880mm
 Efficient width: 800mm
 Length: Customized (times of unit length 219mm)
 Purlin distance: 660mm
 Application: villa, residential roof etc

environment	polluting or environmentally friendly	No asbestos and Environment Friendly. Recycling material
Heat distortion temperature	Below 70.0°C	No change
softening temperature	Below 75.2°C	No Softening
Difficult to burn	B1	Oxygen index 35
Surface thickness	≥0.15mm	≥0.18mm
Flexural modulus of elasticity	MPa 2200	≥3820
Corrosion resistance	Acid resistance (H2 SO4 ,20%v/v,24h)	No change
	Alkali resistance (NaOH,20%w/w,24h)	No change
Freeze-thaw resistance	1kg steel ball flling down on the tile from 2 meters height. Theroof tile without any crack	No crack bubble etc.
Anti-aging test	Light source wavelength:290-800mm	1.life time 6000 hours(same ascommon environment 50 years) 2.A E*=4.5
	Temperature(65±3)°C	
	Light rradiation 550W/SQM	
fade	ASTM D2244	▲E*≤5,▲b≤3
UV light	PMMA materia	Anti 27% UV Light

ASA/PVC composite tile

This product is a two-color three-layer or three-color three-layer super weather-resistant and anti-corrosion composite tile.

The surface material is ASA super weather-resistant engineering resin, and the middle is PVC resin with excellent rigidity and toughness.

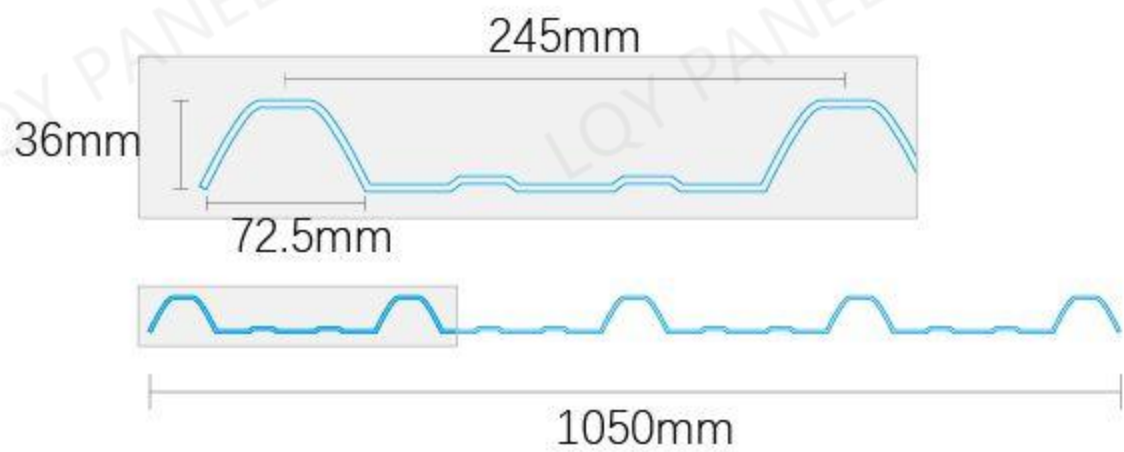
The bottom material is white tough wear-resistant material, which increases the sense of space, brightness and wear resistance of the factory building.

Small wave



Thick ness(mm): 1/1.2/1.5/1.8/2/2.2/2.5/2.8/3

Trapezoidal Thick ness(mm): 1.5/1.8/2/2.2/2.5/2.8/3



FRP transparent roof tile

The main raw materials are unsaturated reinforced resin, medium and high-quality glass fiber, and the surface is covered with UV protective film.

Thick ness(mm): 0.8/1/1.2/1.5/2/2.5/3/4



FRP 840



FRP 814



FRP 900



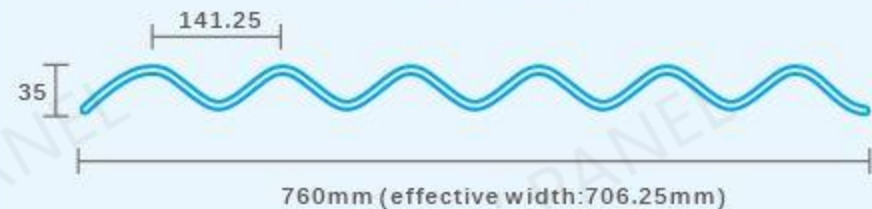
FRP 860



FRP



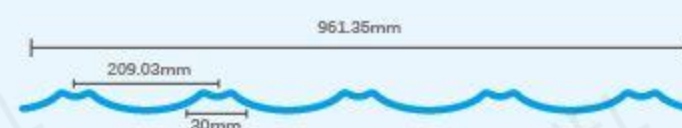
FRP 706



FRP 760



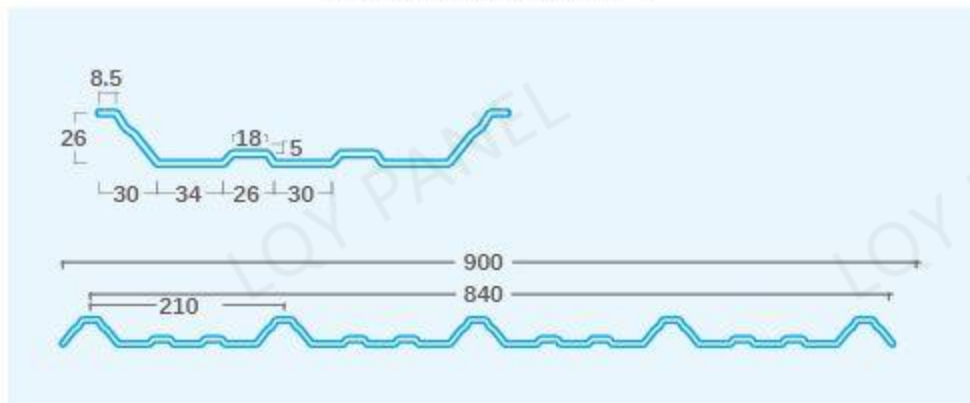
FRP



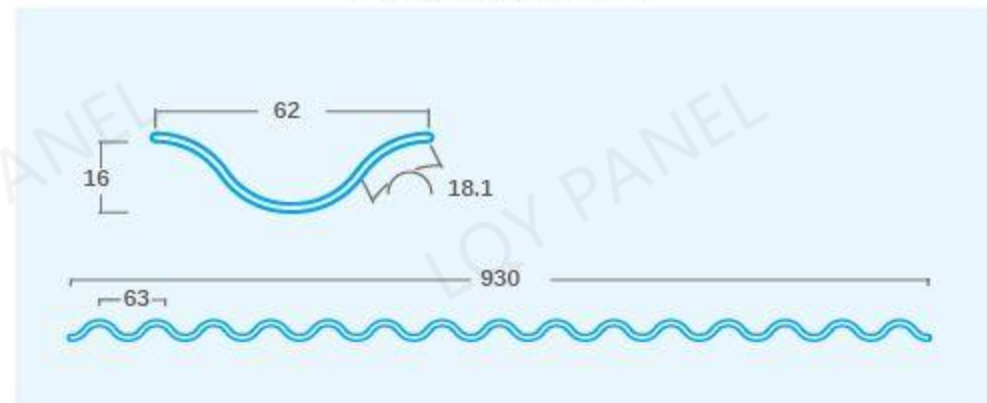
PC transparent roof tile

PC transparent roof tile is a plate or sheet made of polycarbonate (PC) particles through heating extrusion molding and surface chemical treatment. It is a new type of lighting material with various excellent properties such as light weight, impact resistance, high light transmittance, moisture resistance, and flame retardancy. The light transmittance is as high as 85%, which has a good stabilizing effect on the photosynthesis of plants. Its service life can be as long as more than 10 years.

PCT840-210- I



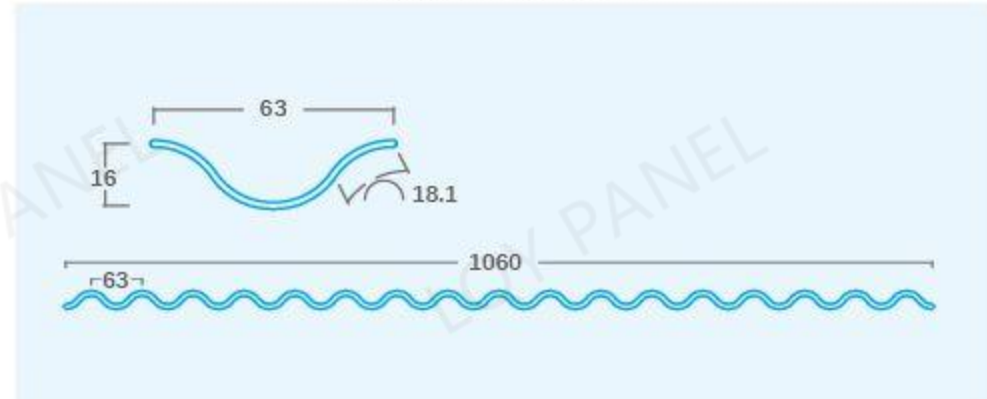
PCT930-63- I



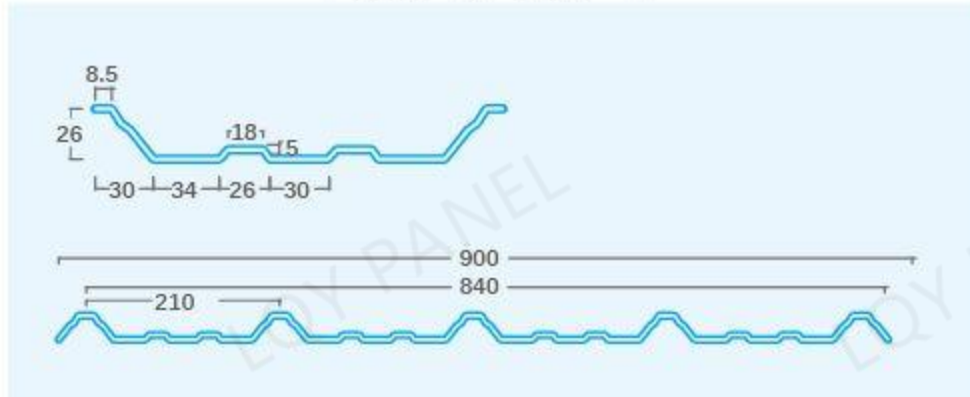
PCT900-150



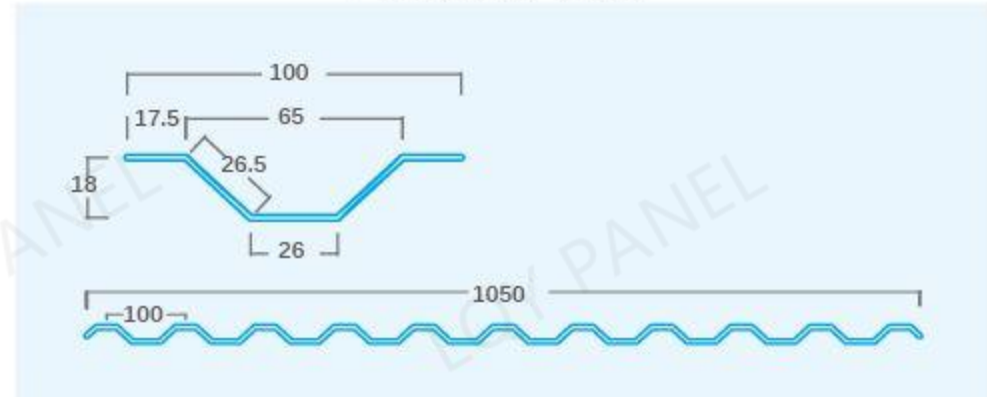
PCT930-63- II



PCT840-210- II



PCT1050-100



PCT1072-250



PCT1045-333

