

## Four Wall Polycarbonate Sheet

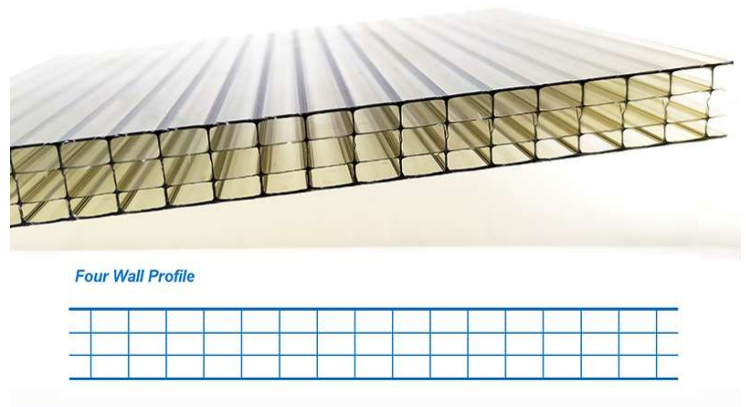
Four wall polycarbonate sheets are used widely for the commercial greenhouse, mini-greenhouse, sunroom, garden Restaurant, etc.

Four Wall Polycarbonate Sheet is one of the extruded Four wall plastic sheets, it is significantly lighter than glass but stronger, more flexible, and more impact resistant.

Four wall polycarbonate sheet is a versatile roofing material, the color can be transparent and translucence. Normally, the co-extruded UV protective layer(s) is/are co-extruded on one or both sides. Therefore, it can withstand the rigors of daily abuse in an outdoor environment for more than 10 years.

It has four walls and creates three parallel insulation channels. This design adds both impact toughness and the ability to support weight. Meantime, four wall polycarbonate sheet offers preferential thermal insulation property.

Four wall polycarbonate sheet is widely used for roofing, facade system and the partition wall between rooms.



### Product Range

Model	Description
UVMPC-FO-U1	Standard model with co-extrude UV protective on one side
UVMPC-FO-U1A	Co-extruded UV protective layer on the outside, anti-condensation treatment on the inside for greenhouse
UVMPC-FO-U2	Co-extruded UV protective layer on both sides for outdoor application

## Colors

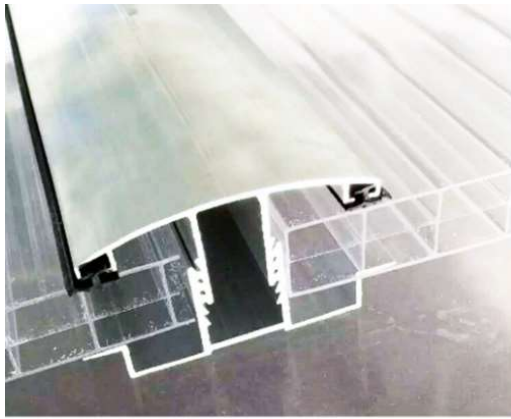
Type:	Colors Description
Transparent	Clear, Brown, Bronze, Gary, Red, Blue, Green
Translucent	Black, White Opal, White Diffuser, Yellow, Red, Mint Green, White Opal
Opaque	Black, White Opal, Yellow, Dark Blue, Red, Dark Grey, Dark Brown

Customized colors are available upon request, subject to a minimum order.

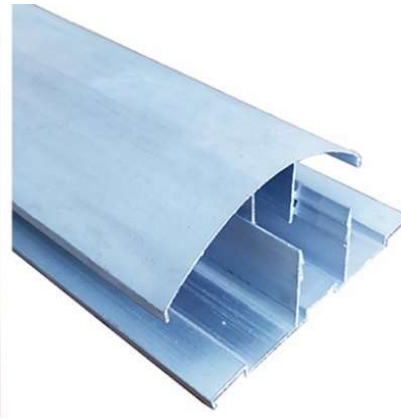
## Dimension

Model	Area Weight (Kg/m <sup>2</sup> )	U-Value (W/m <sup>2</sup> ·°K)	Light Transmission, clear, %	Width 700 (mm)	Width 1050 (mm)	Width 2100 (mm)
UVMPC-FO-8	1.6	2.56	71	√	√	√
UVMPC-FO-10	1.9	2.39	71	√	√	√
UVMPC-FO-12	2.2	2.3	70	√	√	√
UVMPC-FO-14	2.4	2.1	69	√	√	√
UVMPC-FO-15	2.5	2	68	√	√	√
UVMPC-FO-16	2.6	1.9	67	√	√	√
UVMPC-FO-18	2.8	1.8	66	√	√	√
UVMPC-FO-20	3	1.69	63	√	√	√

## Polycarbonate Profiles



S-1



S-2

Product Name	8-20 mm four wall polycarbonate sheet
S1 Type Polycarbonate Profile	<input type="radio"/>
S2 Type Polycarbonate Profile	<input type="radio"/>

## Feature

### 1. Lighter weight, but outstanding impact resistance

Fourwall polycarbonate sheet is much lighter than solid polycarbonate sheet, acrylic sheet, glass sheet with the same thickness, it will reduce the cost of the supporting frames. Otherwise, polycarbonate is 200-300 times stronger than glass, 30 times stronger than Acrylic, it is really high impact resistance.

### 2. Fantastic energy-efficient property

Four wall polycarbonate sheet has three insulation spaces inside, it will reduce the heat transport between inside and outside, and offers high energy-efficient than any single layer sheets like solid polycarbonate sheets, acrylic sheets, glass sheets.

### 3. Outstanding Weatherability

The 50um co-extruded high-quality UV protective layer blocks more than 99% harmful ultraviolet rays, Four wall polycarbonate sheet can keep high light transmittance without yellowing for more than 10 years.

**4. Easily cut and install**

Polycarbonate Sheet can be cut, sawn or drilled easily by the common tools without splitting, cracking or breaking. It is easy for operators to install due to lighter weight.

**5. High Flexibility**

Four wall polycarbonate sheet can be bent with a radius of 175 times than the thickness under normal temperature.

**6. Free samples, Free pre-cutting service, Customized Colors, Customized Sizes**

UVPLASTIC will provide free samples, free pre-cutting service, customized Colors, customized Sizes.

## Applications

**1. Commercial Greenhouse, Hobby Greenhouse**

With the outstanding thermal insulation performance, lighter weight, high light transmittance and the great performance between -40 and 120 degree centigrade, the Four wall polycarbonate sheet is the ideal material for the commercial greenhouse, hobby greenhouse.

**2. Stadium Roofing**

With the excellent impact resistance, Four wall polycarbonate sheet is the best choice for stadium roofing, even under the storm, hailstone, heavy snowfall, sandstorm, hurricane weather, and intense ultraviolet condition.

**3. Skywalks**

The colored Four wall polycarbonate sheet is really good for skywalks.

**4. Polycarbonate skylight**

**5. Polycarbonate Sunroom**

Four wall polycarbonate sheet offers outstanding light transmittance, and excellent impact resistance, it is a suitable plastic sheet for the sunroom.



## CONTACT US

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