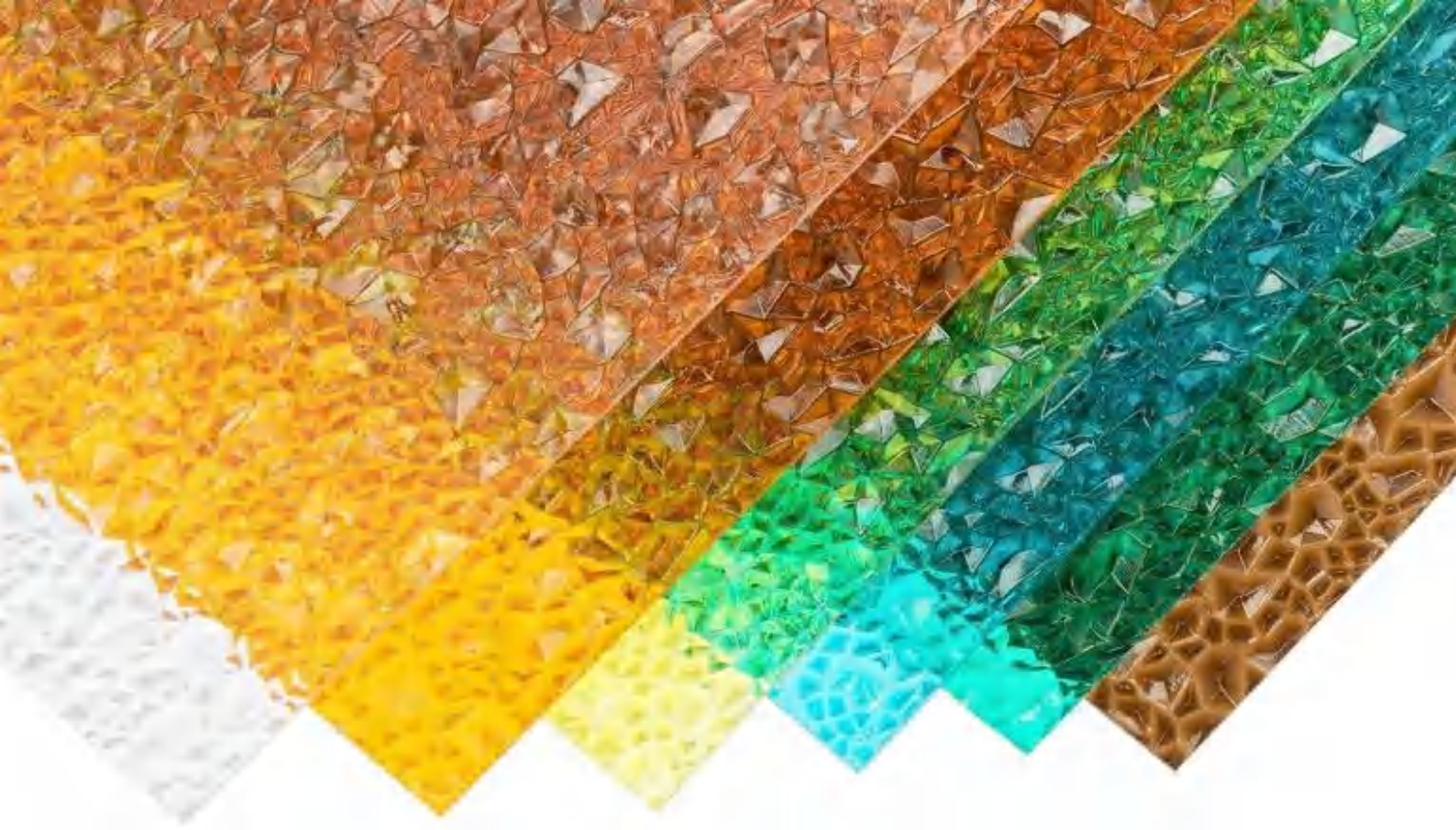




PC Embossed Sheet





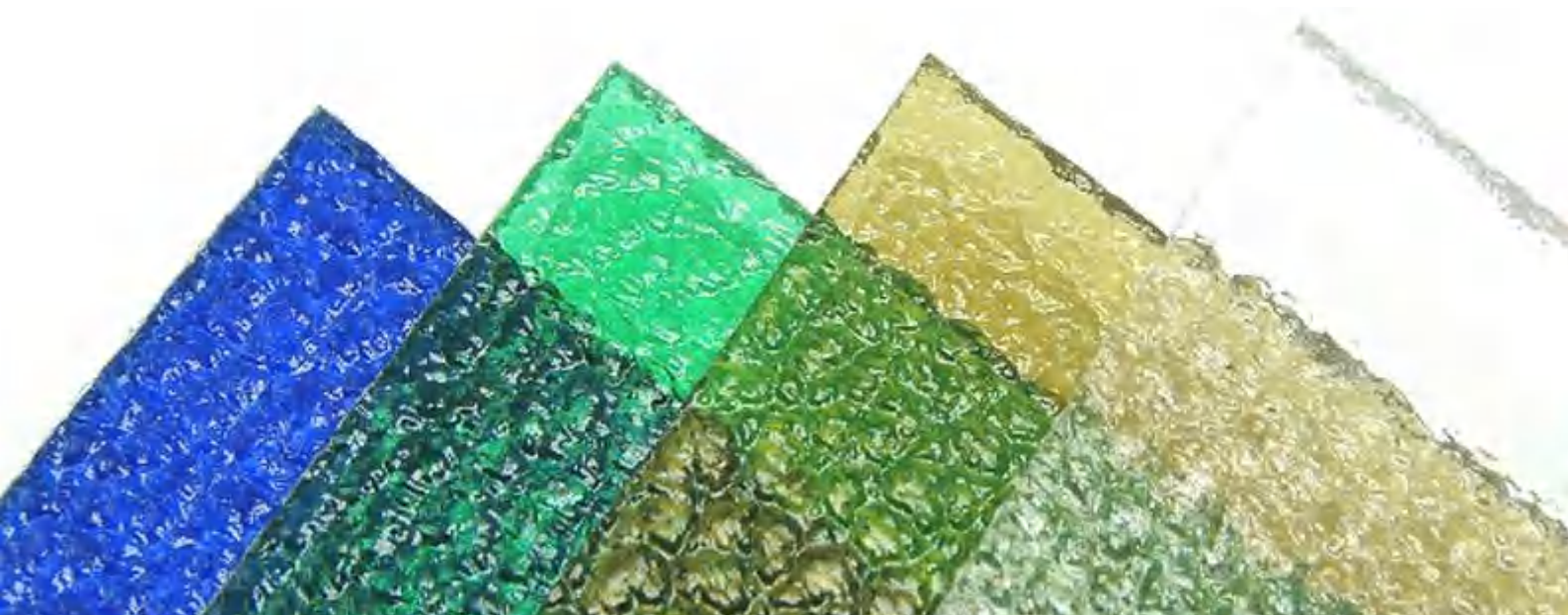
The PC Embossed Sheet is made from polycarbonate, which is sturdy and almost unbreakable, and can be selected in a variety of colors. Diamond texture, hazy artistic effect. Its weight is half that of glass of the same thickness, and its impact strength is 30 times that of tempered glass.

Features and Benefits

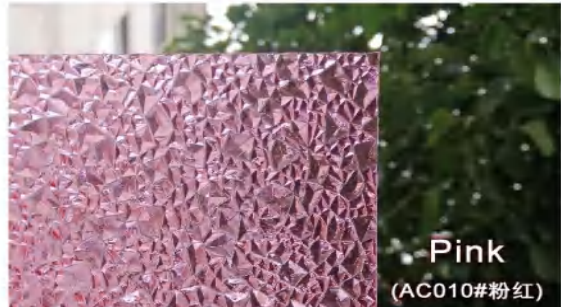
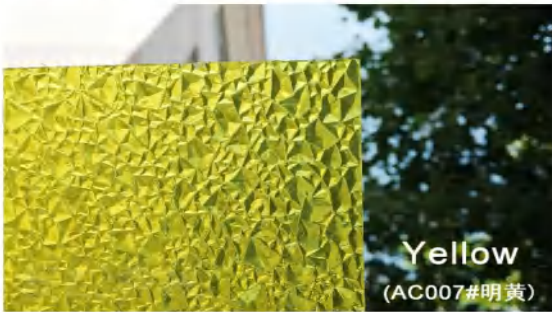
- Lightweight
- Very high impact resistance
- Artistic texture
- Weather and UV resistance
- Variety of colors

Typical Applications

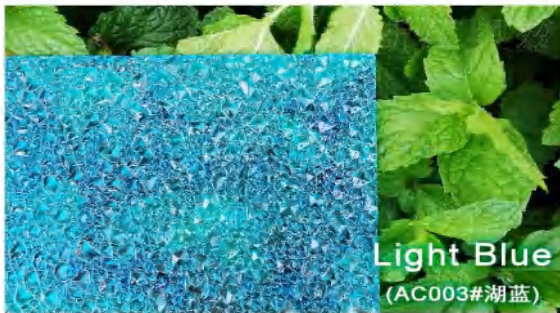
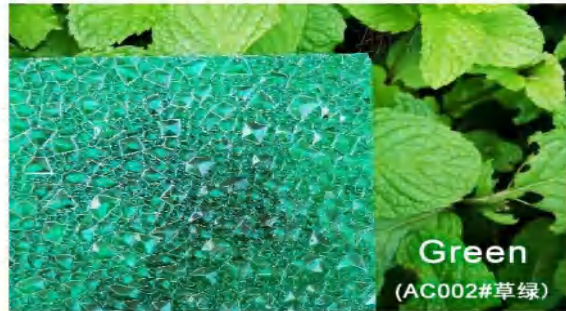
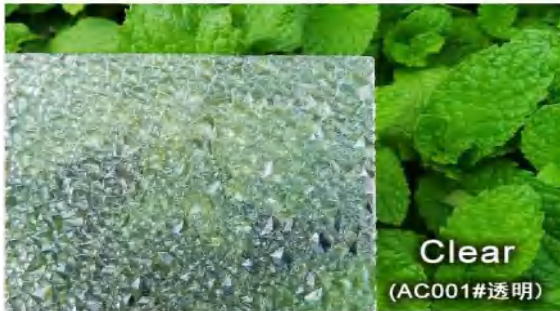
- Indoor partition
- Bathroom doors and windows
- Enclosure fence
- Car shed/rain shed
- lamp-chimney



Outdoor Photos



Indoor Photos



Size	
Width	1220mm、1560mm、1820mm、2100mm Customized
Length	Customized
Thickness	1.5mm、2mm、3mm、4mm、5mm、6mm (1.5-6mm)
Color	Clear、Bronze、Blue、Green、Opal、Grey...
Roll	1.22*30M/Roll、1.56*30M/Roll、1.82*30M/Roll、2.1*30M/Roll
Sheet	1.22*2.44M/Sheet、2*3M/Sheet

Performance table(JG347T-2012Polycarbonate(PC)Solid sheet):

No.	Category	Unit	Values	
1	Tensile Property	Tensile yield stress	MPa	≥55
2		Fracture strain	%	≥60
3		Tensile modulus of elasticity	MPa	≥2200
4	Charpy Notched Impact Strength		KJ/m ²	≥6
5	Tensile impact strength		KJ/m ²	≥150
6	Drop impact	Maximum penetration	N	≥600
		Maximum penetration energy	J	≥5
7	Vicat softening temperature		°C	≥145
8	Thermal deformation temperature		°C	≥130
9	Heating dimensional change rate	1.5≤d≤5	%	≤10
		a≥5		≤5
10	Coefficient of thermal expansion		°C ⁻¹	≤7.5*10 ⁻⁵
11	Haze		%	≤5.0
12	Weather resistance (2000h)	Chromatic aberration	-	≤5.0
		Yellow index change	-	≤3.0
		Drop weight impact (perforation	%	≥60
13	Ultraviolet transmittance		%	≤0.001
14	Combustion performance		/	B

Polycarbonate raw materials Performance table(JG347T-2012Polycarbonate(PC)Solid sheet):

No.	Category	Values	Test method
1	Tensile yield strength/MPa	≥60	GB/T 1040.1-2006 GB/T 1040.2-2006
2	Tensile modulus of elasticity/MPa	≥2200	GB/T 1040.1-2006 GB/T 1040.2-2006
3	Bending strength/MPa	≥60	GB/T 9341-2008
4	Flexural modulus of elasticity/MPa	≥2200	GB/T 9341-2008
5	Shore hardness/HA	≥80	GB/T 2411-2008
6	Load deformation temperature/°C	≥125	GB/T 1634.2-2004
7	Coefficient of linear expansion (-30°C~+30°C) /°C ⁻¹	≤6.5*10 ⁻⁵	GB/T 1036-2008

*For your reference only







INSTALLATION GUIDE

1、 STORAGE: Sheets should be stored in a cool and dry place. Exposure to the sun (the protective film will be difficult to remove), rain, and direct stacking on the concrete floor are strictly prohibited.

2、 SEALANT: Use neutral silicone sealant, and it is strictly forbidden to replace it with acid-alkaline glass glue. If damage occurs in this situation, warranty is void.

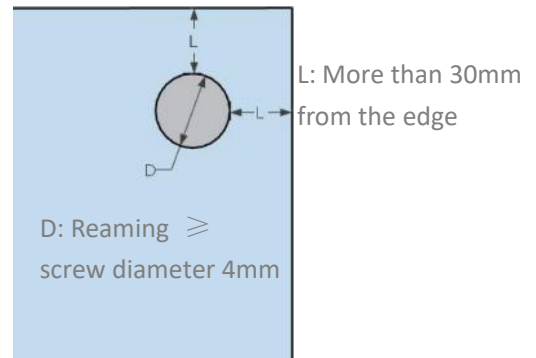
3、 SCREW FIXATION: When installing the sheets with screws, special waterproof gaskets must be used, and self-tapping screws cannot be directly driven into the sheet surface. Each screw hole position on the sheet needs to be pre-drilled, and the diameter of the drilled hole should be 4mm larger than the screw diameter to allow for thermal expansion, providing enough space to allow for seasonal temperature fluctuation.



The curved project cannot be fixed with screws on the board surface



Waterproof



4、 USE ENVIRONMENT:

The sheet is afraid of acid and alkali, and can not directly touch the concrete brick wall, and can not be used in acid or alkali materials and gas environments.

5、 Protective film:

The function of the protective film is to prevent scratching the board surface during transportation and installation, and it should be immediately removed after construction.

6、 slicing:

The sheets can be cut with a circular saw, a jig saw or a cardboard cutter. Use a vacuum cleaner to remove particles formed as a result of the cut.

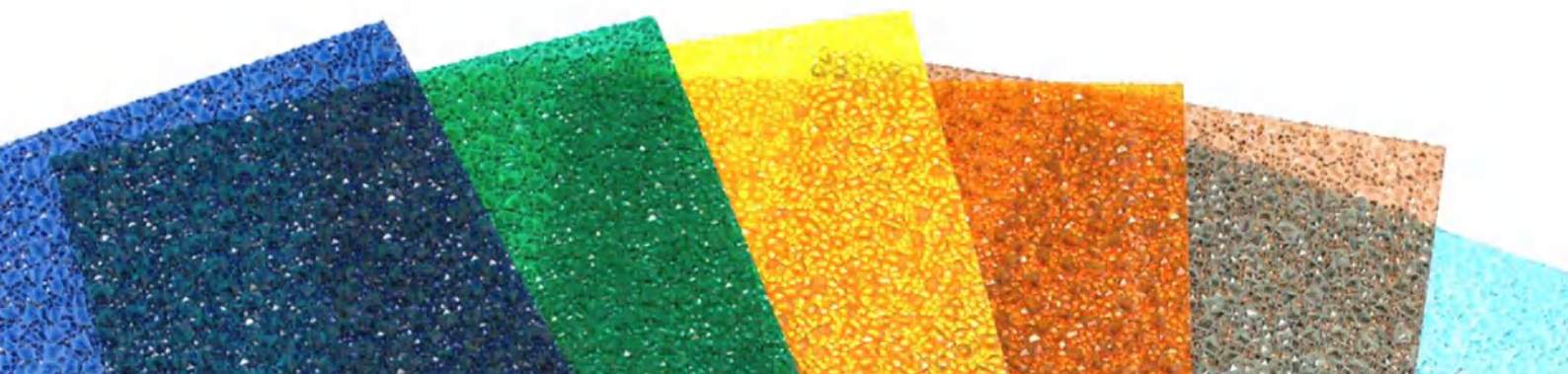
7、 clean:

Generally speaking, rainwater is sufficient, and diluted household cleaning agents can be used to clean local narrow areas. Ensure that the cleaning agent does not contain corrosive agents or organic solvents.

Avoid dry cleaning, as adhering dust particles may scratch the surface of the plate.

Large areas can be flushed with a low-pressure water gun.

*If the construction is not carried out as required, there will be no warranty.





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