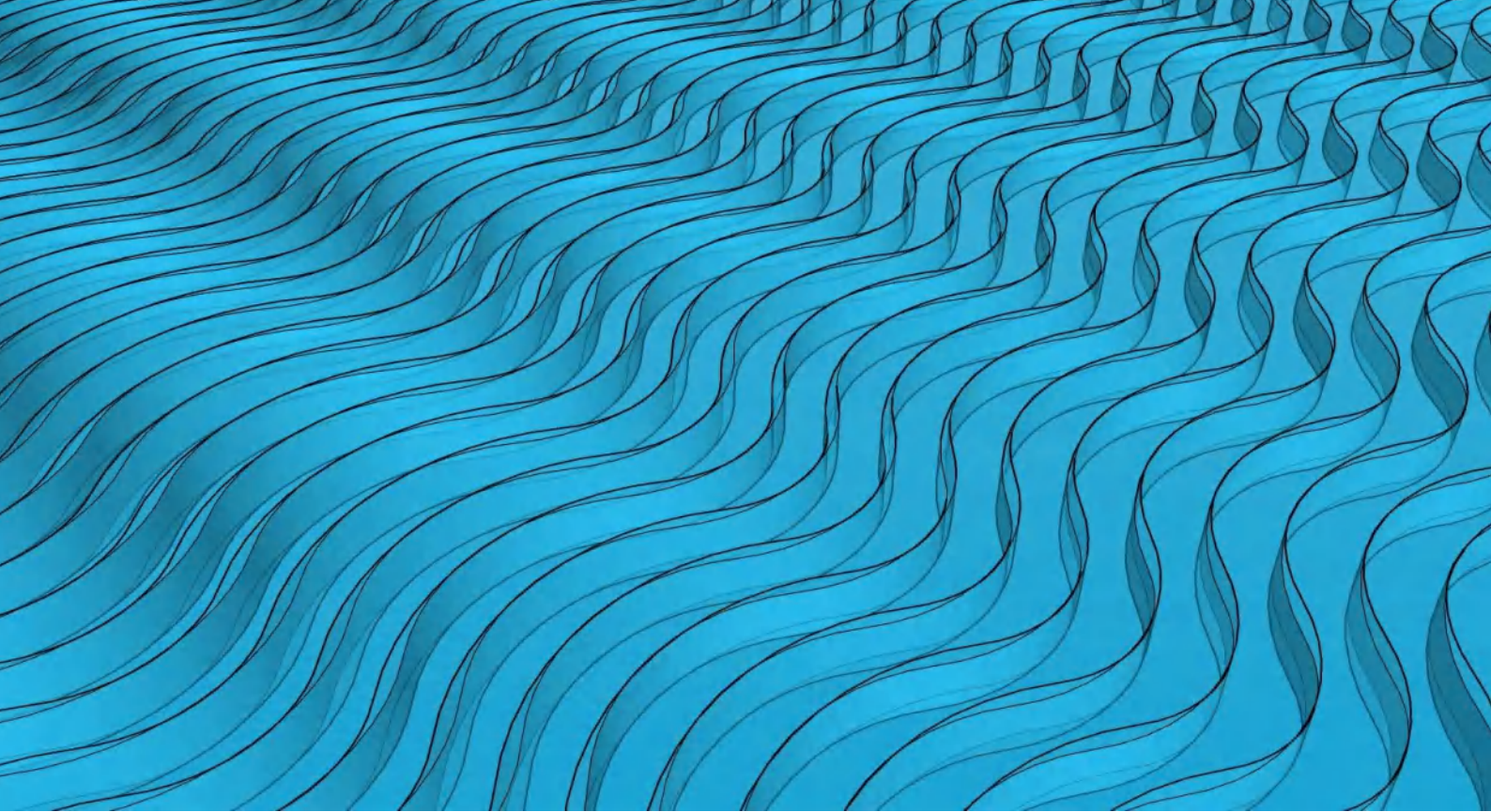
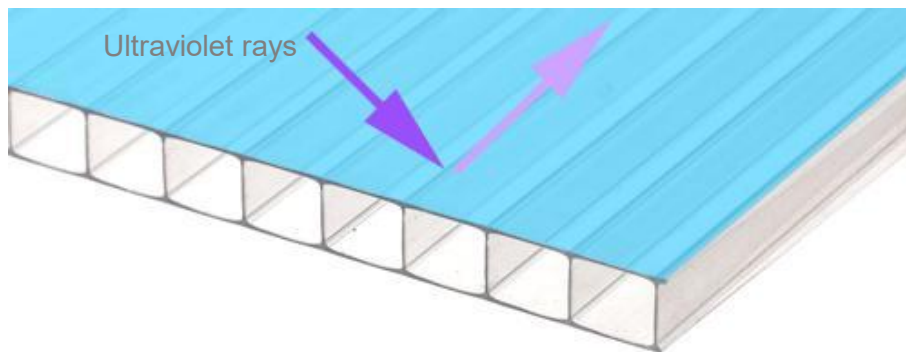


PC Sheet(Polysnake)

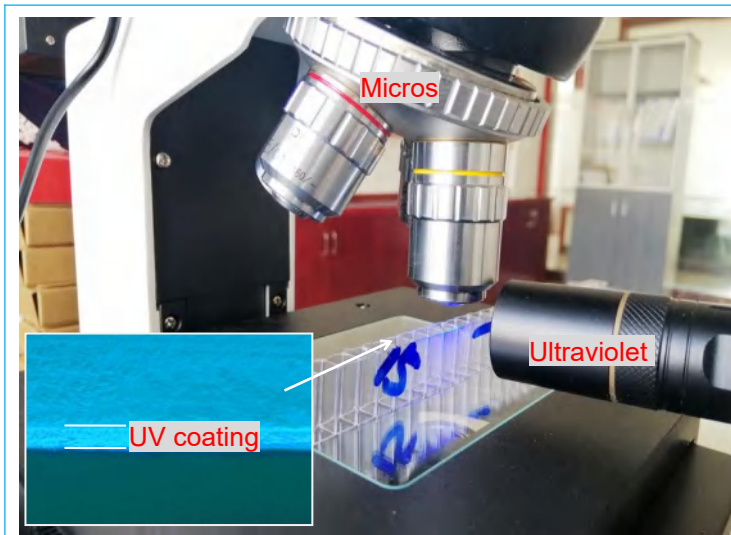




PC Sheet is made of polycarbonate virgin materials (mainly by Bayer and Sabic), and refuses to use recycled materials. The surface of the sheet is covered with a 50 micron anti-ultraviolet UV coating to increase the service life of the sheets and provide a 10 years quality guarantee.



PC Sheet UV coating sketch map

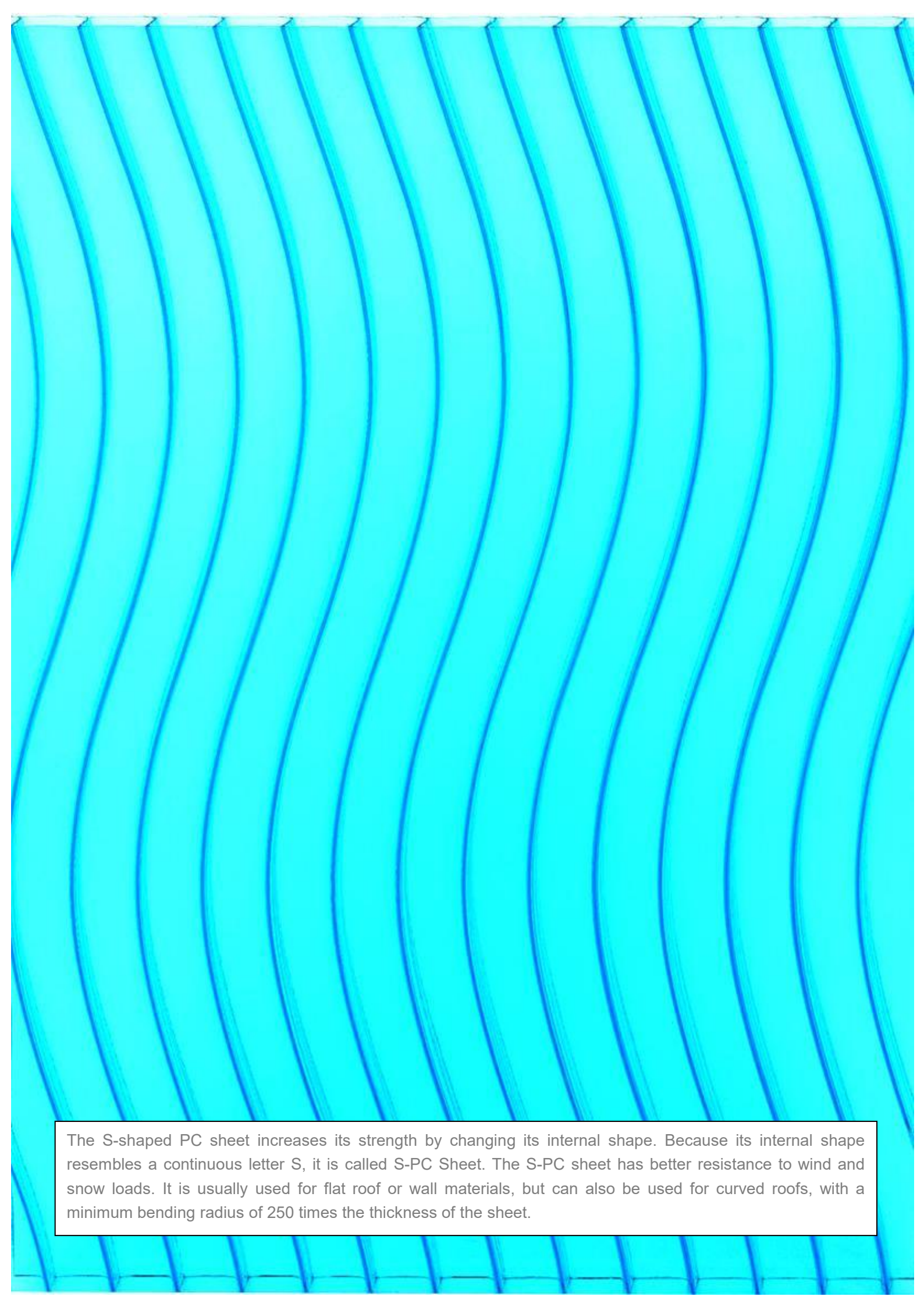


UV coating testing



Without UV coating 2-3 years later

Polycarbonate is not anti-aging



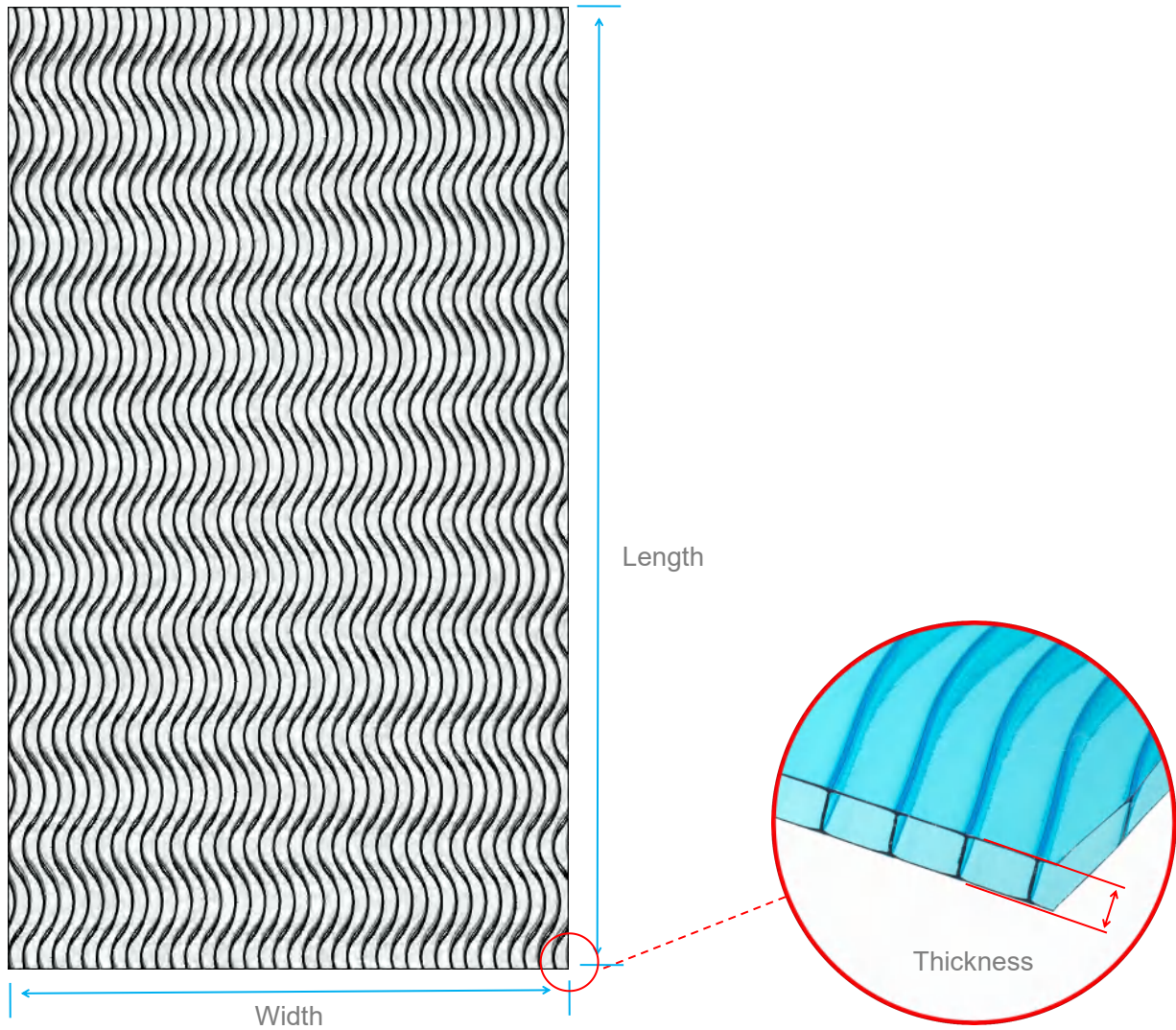
The S-shaped PC sheet increases its strength by changing its internal shape. Because its internal shape resembles a continuous letter S, it is called S-PC Sheet. The S-PC sheet has better resistance to wind and snow loads. It is usually used for flat roof or wall materials, but can also be used for curved roofs, with a minimum bending radius of 250 times the thickness of the sheet.

Size:

Thickness: 4-25mm

Width: 2.1M, 1.05M, 1.22M

Length: 6M or customized



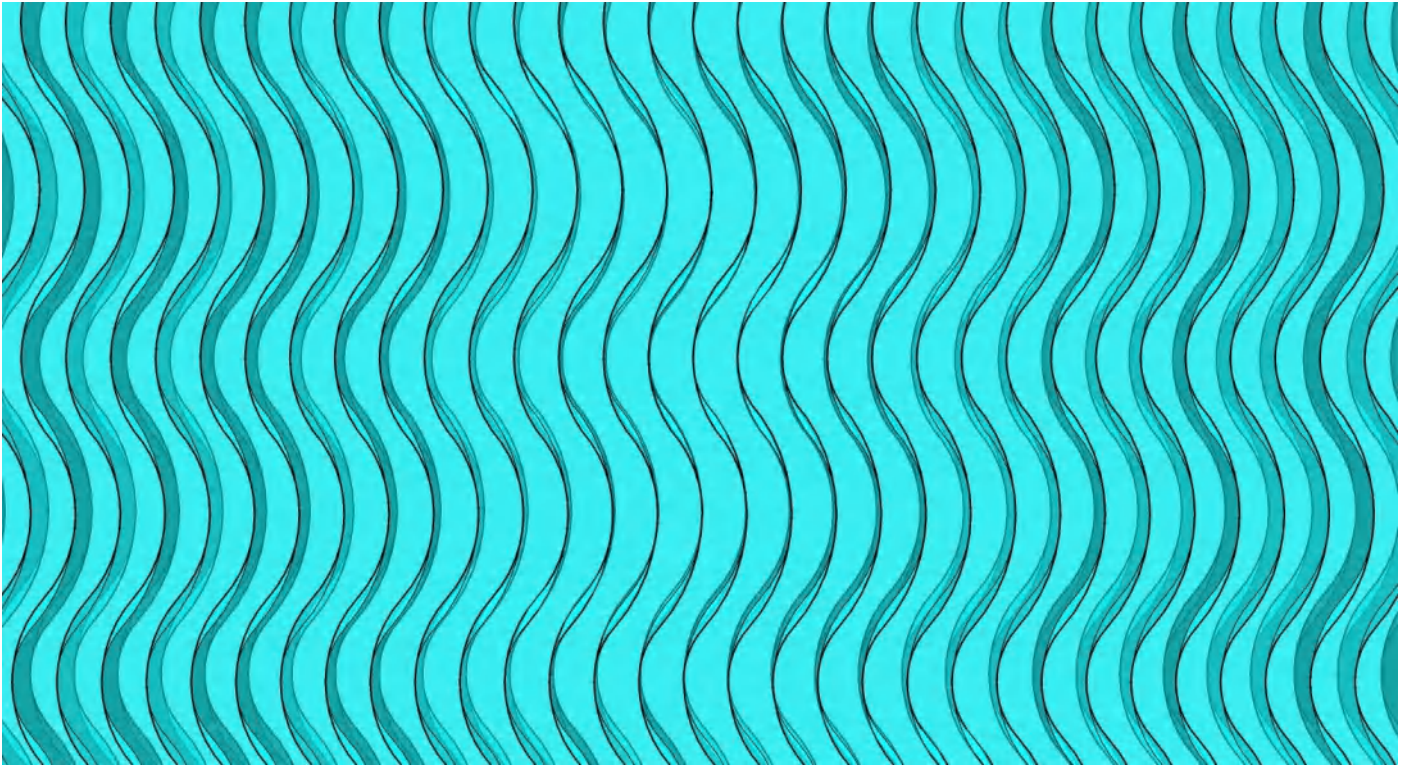
Thickness (mm)	Mould	Sketch Map	Thickness (mm)	Mould	Sketch Map
4	Two layers		12	Four layers	
6			16		
8	Two layers		8	Honeycomb	
10			10		
12			12		
6	Four layers		16	X	
8			18		
10			20		
12			25		

Outdoor photos



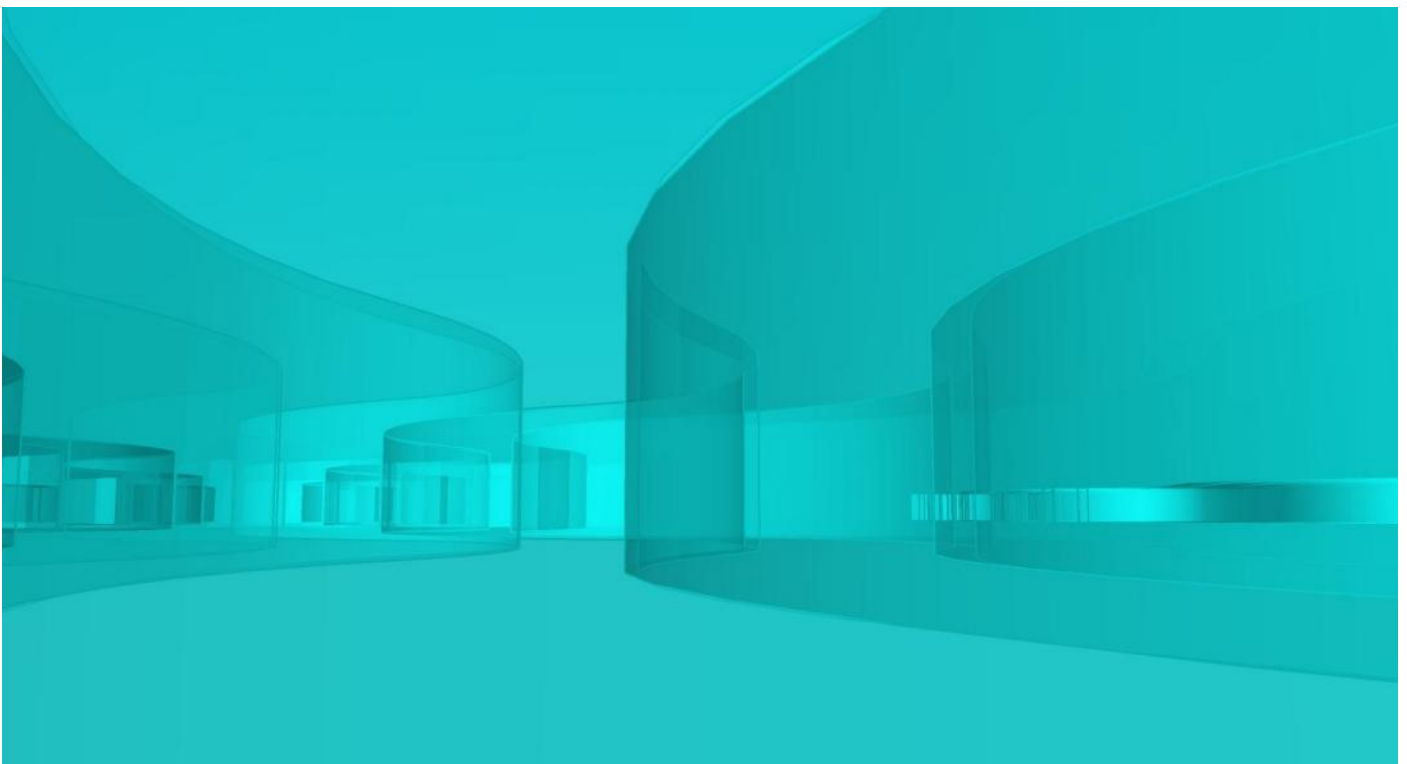
Indoor photos



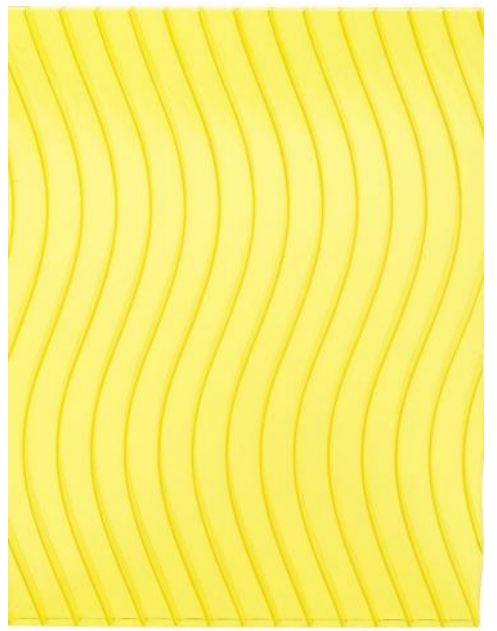
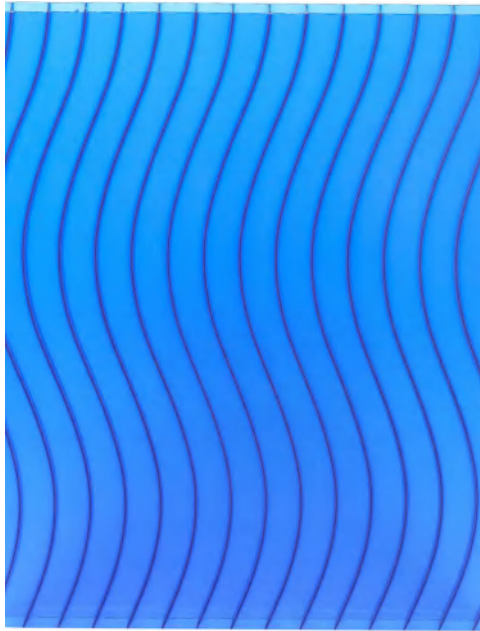
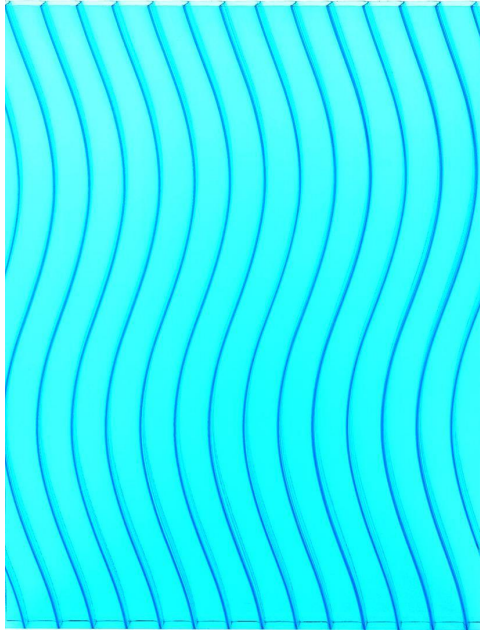


Top view - design rendering

Product History: On July 4, 2006, Zhengcheng Industrial Co., Ltd. applied for the S-PC Sheet patent, which is valid for 10 years. In 2007, Swiss company NOTZ developed the S-PC Sheet and named it Polisanke. Chile's Polygal and other companies have also developed and produced S-PC sheets.



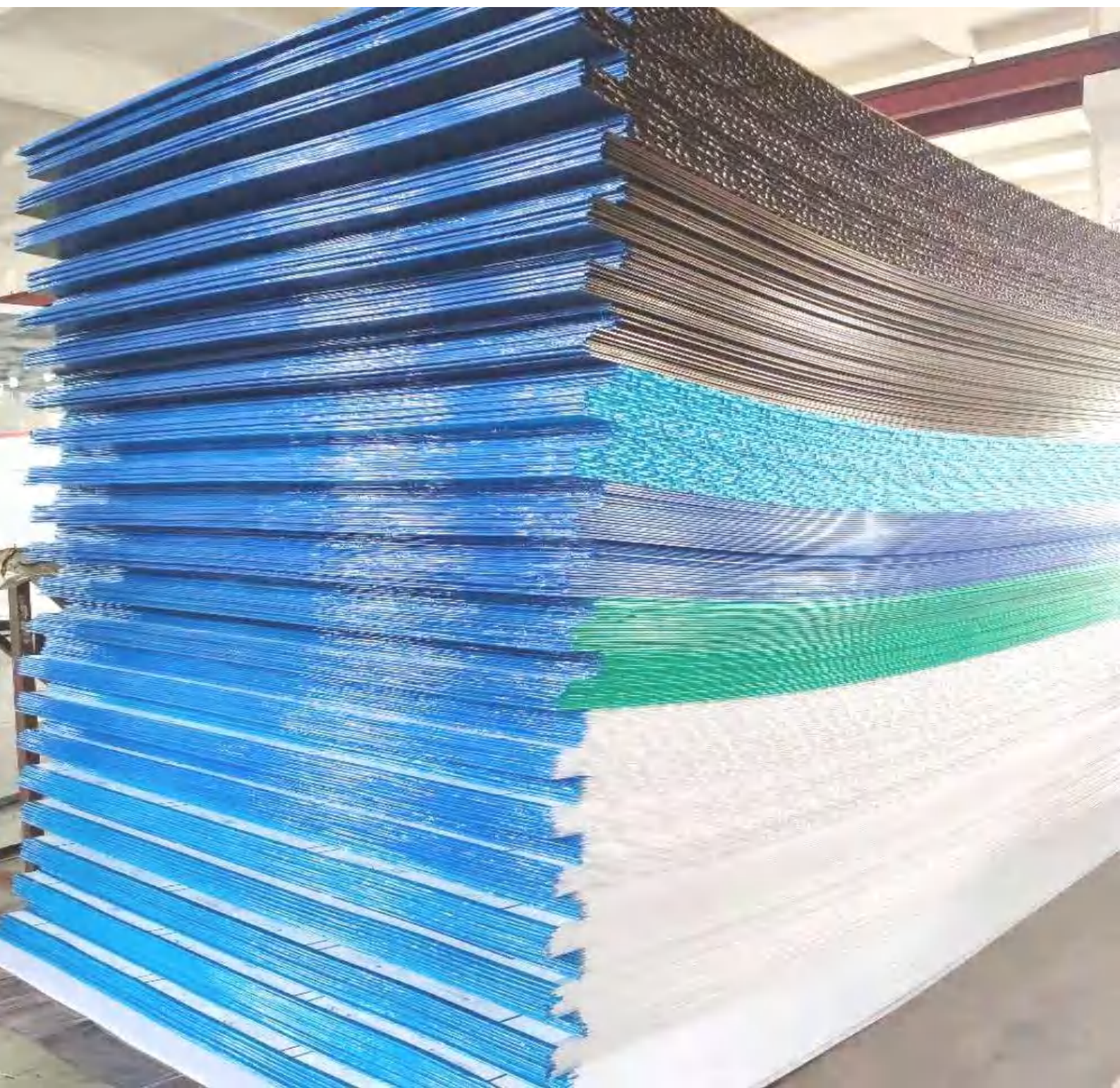
"Ant Perspective" - Design rendering



Actual shooting



Matte process



10000 hour anti-aging test :

TESTING RESULTS

No. 2024(X)05007

(CONTINUED FROM THE PREVIOUS PAGE)

No.	Test Items	Units	Results	Test Methods
21	Weathering aging for 9500h (exposure to Xenon-arc lamps)			GB/T 16422.2-2022
	Luminous transmittance after aging	%	71.4	GB/T 2410-2008
	Haze after aging	%	67.6	GB/T 2410-2008
	Yellowness index after aging	/	16.5	HG/T 3862-2006
22	Weathering aging for 10000h (exposure to Xenon-arc lamps)			GB/T 16422.2-2022
	Luminous transmittance after aging	%	69.8	GB/T 2410-2008
	Haze after aging	%	69.5	GB/T 2410-2008
	Yellowness index after aging	/	17.8	HG/T 3862-2006

(THE PART BELOW IS BLANK)

How long is one hour of xenon lamp accelerated weathering test chamber equivalent to outdoor environment?

Here is a recommended time point for you: 500 hours is equivalent to one year in real time, of course, this is for reference only!

At present, there is no clear international formula for the conversion ratio between experimental time and real environment, and it is impossible to provide it. Because the annual radiation values, temperature, and humidity data vary from region to region, even within the same area, the data may differ from year to year.

