

# Akyver® Sun Type Product Range

Polycarbonate Multi-Wall Sheet of 4 to 32 mm

The light solution for every application

## Advantages

Akyver® Sun Type is **anti-UV treated** to ensure that the sheet is perfectly homogeneous for:

- long term protection;
- even distribution of the anti-UV layer;
- smooth exterior surface;
- the possibility of bending the sheets.

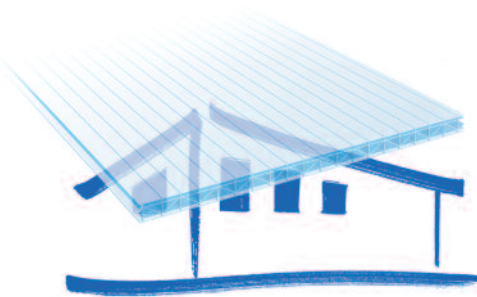
The anti-UV treatment also provides excellent weather proofing as well as protection against UV radiation and extremely stable mechanical characteristics.

Sheets in "Seven" 7 wall structure provide an optimal compromise between rigidity and thermal insulation.

## Applications

Akyver® Sun Type from 2 to 8 wall sheets are specially designed for outdoor applications as **cladding** and **roofing** for:

- industrial, sports or agricultural buildings;
- skylights, domes and sheds;
- glass roof constructions and greenhouses;
- swimming pools.



Technical approval  
CSTB GS6 (other countries  
on request)  
Test report n° GM/95-44  
concerning bent sheets.

The treated surface which will be exposed to solar radiation is identified by a printed blue film and ink jet marking.

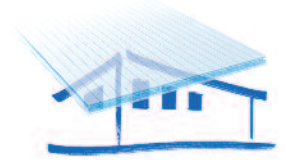


BUILDING SOLUTIONS

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# Technical characteristics



## Twin wall

Thickness (mm)	4		6		8		10	
Standard width (mm)	2100		2100		2100		2100	
Grades (gsm)	800		1300		1500		1700	
K Coeff. (W/sm.°C)	3,9		3,6		3,4		3,1	
Fire retardancy (France)	B, s1, d0		B, s1, d0		B, s1, d0		B, s1, d0	
Colour	Clear	Opal	Clear	Opal	Clear	Opal	Clear	Opal
Light transmission (%)	85	73	85	64	85	64	85	62

## Other structures

Thickness (mm)	4 walls 10		7 walls 16		7 walls 25		8 walls 32	
Standard width (mm)	1050, 2100		980, 1050, 1200, 2100		1200, 2100		1220	
Grades (gsm)	1750		2600		3400		3600	
K Coeff. (W/sm.°C)*	< 2,5		< 1,8		< 1,5		< 1,2	
Fire retardancy (France)	B, s1, d0		B, s1, d0		B, s2, d0		B, s2, d0	
Colour	Clear	Opal	Clear	Opal	Clear	Opal	Clear	Opal
Light transmission (%)	73	57	64	54	64	50	70	43

\* Value R&D DS SMITH KAYSERSBERG


Special colours (smoke, bronze, blue, green): consult us

**Other thicknesses: on demand (20, 50, 55)**

## Table of load

Length of sheets in mm. Overload 750 N/m<sup>2</sup>

Width (mm)	700	980	1050	1200
Thickness (mm)				
6 twin wall	1800	1500	1500	
8 twin wall	2500	1700	1700	
10 twin wall	4000	2000	2000	
10 4 walls	> 6000	4000	1800	
16 7 walls	> 6000	4200	3500	2500
25 7 walls	> 6000	> 6000	> 6000	4500
32 8 walls	> 6000	> 6000	> 6000	5600

Akyver® technical instructions for fitting the sheets and accessories available on CD-ROM 

**10 year guarantee.** Akyver® Sun Type sheets with a minimum thickness of 6 mm are covered by DS Smith Kaysersberg ten-year guarantee (details of our guarantee on request).

## Akyver® Sun Type Product Range

A Kaysersberg Plastics product

### Kaysersberg Plastics

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