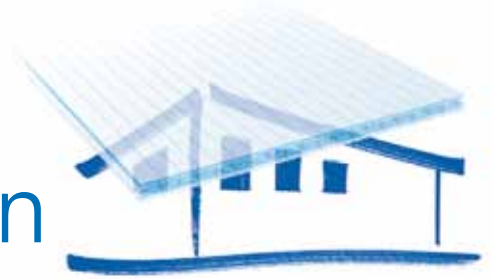


**New!**

# Akyver Sun Type® Seven

Multi-wall polycarbonate sheets,  
7-wall structure, 16 mm (20 & 25 mm on request)



All the **Kaysersberg**Plastics technology in one sheet

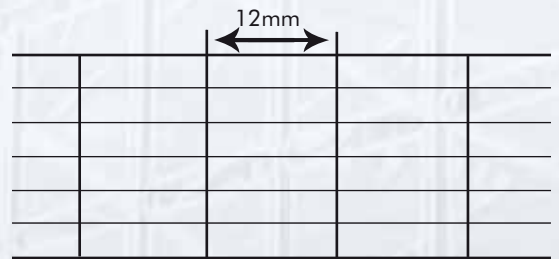
## Advantages

- Extreme thermal insulation ( $< 1.8 \text{ W/m}^2 \cdot ^\circ\text{C}$ )
- Optimised weight  $2\,600 \text{ g/m}^2$  ( $2\,900$  &  $3\,400 \text{ g/m}^2$  respectively in 20 & 25 mm)
- Better rigidity and mechanical properties
- Optimization of the fitting into the profile
- Optimization of bending capacity
- UV 2 sides : on request

## Applications

The new 16 mm sheet, ideal for all your external cladding and roofing applications, flat or cold-bent for:

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



**BUILDING SOLUTIONS**

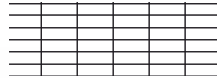
[www.kaysersberg-plastics.com](http://www.kaysersberg-plastics.com)

**Kaysersberg**Plastics

# Technical characteristics



## 7-wall structure



Thickness (mm) (available in 20 & 25 mm on request)	16	
Standard width (mm)	980, 1 050, 1 200 or 2 100 (other width on request)	
Grades (g/sm)	2 600	
Colour	Clear	Opal
Light transmission (%)	64	54
K Coeff. (W/sm.°C)*	< 1,8	
Length (m)	6 or 7 (others on request)	
Minimal bending radius (mm)	2 400	
Thermal expansion (mm/m/°C)	0,065	
Stressless utilisation (°C)	maxi + 115	mini - 40
Fire classification in accordance with European norm EN 13501-1	B-s1, d0	

\* R&D value DS SMITH KAYSERSBERG

## Mechanical properties

Length of sheets in mm

Width of the sheet (mm)	700	980	1 050	1 200
Load (N/m <sup>2</sup> )				
750	>6 000	4 200	3 500	2 500
900	>6 000	3 100	2 500	2 000
1 200	6 000	2 100	2 000	1 700
1 500	6 000	2 000	2 000	1 500
2 000	6 000	1 500	1 500	1 000

Technical instructions for specialities and Akyver®, for fitting sheets and accessories, available on CD ROM



**10 year guarantee.** Akyver® Seven 16 mm thickness is covered by the DS Smith Kaysersberg ten-year guarantee (details of our guarantee on request).

# Akyver Sun Type® Seven

Kaysersberg Plastics products

## DS SMITH KAYSERSBERG SAS

B.P. 27

F-68240 Kaysersberg

Tel.: +33 (0)3 89 78 32 43

Fax: +33 (0)3 89 78 38 56

E-mail: severine.battaini@kayplast.com