

Product datasheet, April 2026

# TECHNICAL SPECIFICATION

## AkyVer® SUN TYPE 2 wall 8 mm



### ► Description :

The AkyVer® Sun Type sheets, extruded multiwall polycarbonate, have clear advantages over conventional glazing: performing thermal insulation, lightness, cold bending possibility and impact resistance. Profiting of extra anti UV treatment by coextrusion, all products AkyVer® Sun Type ensure over time excellent weather and UV rays resistance, they provide as well highly stable mechanical properties.

### ► Application :

The AkyVer® Sun Type sheets are suitable for indoor (ceilings, office separators) and outdoor uses (glazing of industrial, sports or agricultural buildings – roofing – veranda covering – skylights – vaults – cladding panels – green houses – conservatories).

### ► Technical data:

TECHNICAL DATA	VALUE	
Thickness	8 mm	
Weight	1500 gr/m <sup>2</sup>	
Width	2100 mm	
Standard length*	6 or 7 m	
Thermal insulation	3,4 W/m <sup>2</sup> °C	
Linear expansion	0,065 mm/lm/°C	
Usage temperature	-40°C / + 110°C	
Bending radius	1200 mm	
Acoustic insulation	16 dB	
Light transmission (%)	<b>Clear</b>	<b>Opal</b>
EN 410	82	61
Fire certification	B s1 d0	
Solar factor (G) **	0.78	0.60

\*Other on request

\*\* internal evaluation

### ► Logistic details

LOGISTIC DETAILS	
Nr of piece/pallet	50
Dimension of pallet (W x L x H )	2150 x 6050 (or 7050) x 570
Protection	Wood pallet + PP Corners + PE stretch foil
Storage	Inside, dry place, 2 pallets on 1 maxi

### ► Load capacity

kN/m <sup>2</sup>	0.50	0.75	0.90	1.25	1.50	2.0	Width (mm)
Length of sheet (mm)	2000	1700	1200	1200	1100		<b>1050/980</b>

### ► Converting

The AkyVer® Sun Type sheets in small thicknesses (from 4 till 10 mm) may be cut with a sharp blade or a cutter. For other thicknesses, it is necessary to use a portable or fixed circular saw. The saw blades must be of high-speed steel or preferably, steel with set-in tungsten carbide tips (80 teeth). For information, we recommend a circular saw with a minimum rotation speed of 3200 rpm (minimum linear speed of 48 m/s). The sheet must be fixed to the bench or wedged on the frame to avoid undesirable vibration.

### ► Regulations

Conformity with: CE norms EN 16153

### ► Cleaning - Chemical resistance

- Avoid abrasive cleaners that might scratch AkyVer® Sun Type
  - Use soapy water or water containing a non-abrasive detergent
  - Do not use solvents or alkaline washing powders
  - Avoid cleaning in hot weather or when the sheets are hot
- A complete list of the products which are not compatible with polycarbonate is available on request

### ► Guarantee

10 years full guarantee for optical and mechanical properties  
 10 years guarantee against hail  
 Guarantee conditions are available on request

### ► Recommendations

For more information about preparation, sealing, cutting, installation, storage etc, refer to our technical notice