

Product datasheet, April 2026

TECHNICAL SPECIFICATION

AkyVer[®] SUN TYPE 2 wall 10 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	10 mm	
Weight	1700 gr/m ² (possible also in 2000)	
Width	2100 mm	
Standard length*	6 or 7 m	
Thermal insulation	3,1 W/m ² °C	
Linear expansion	0,065 mm/lm/°C	
Usage temperature	-40°C / + 110°C	
Bending radius	1500 mm	
Acoustic insulation	17 dB	
Light transmission (%)	Clear	Opal
EN 410	81	60
Fire certification	B s1 d0	
Solar factor (G)**	0.78	0.59

*Other on request

** internal evaluation

► **Logistic details**

LOGISTIC DETAILS	
Nr of piece/pallet	40
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 ²	0.50	0.75	0.90	1.25	1.50	2.0	Width (mm)
Length of sheet (mm)	2500	2000	1500	1500	1400	1000	1050/980
					1000		1200

► **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