

Product datasheet, April 2026

TECHNICAL SPECIFICATION

AkyVer® SUN TYPE 10 wall 20 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	20 mm	
Weight	2900 gr/m ²	
Width	1220 mm	
Standard length*	6 or 7 m	
Thermal insulation	<1,5 W/m ² °C	
Linear expansion	0.065 mm/lm/°C	
Usage temperature	-40°C / + 110°C	
Bending radius	3500	
25Acoustic insulation	21 dB	
Light transmission (%)	Clear	Opal
EN 410	52	48
Fire certification	B s1 d0	
Solar factor (G) **	0.51	0.50

*Other on request

** internal evaluation

► Logistic details

LOGISTIC DETAILS	
Nr of piece/pallet	25
Dimension of pallet (W x L x H)	1220 x 6050 (or 7050) x 1130
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)	>6000	3500	2500	2000	2000	1500	1050/980
	>5000	2500	2000	1700	1500	1000	1220

► 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 14963 and 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