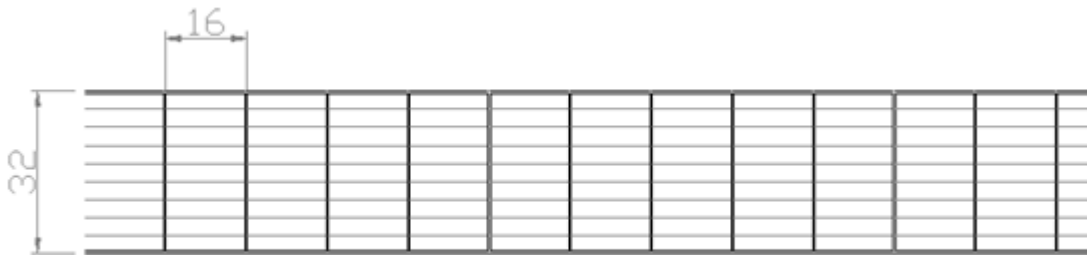


Product datasheet, April 2026

TECHNICAL SPECIFICATION

AkyVer® SUN TYPE 10 wall 32 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		32 mm				
Weight		3500 gr/m ² (possible also in 3600, 3700)				
Width		1220 mm±5				
Standard length*		6 or 7 m				
Thermal insulation		<1,1 W/m ² °C				
Linear expansion		0.065 mm/lm/°C				
Usage temperature		-40°C / + 110°C				
Bending radius		-				
Acoustic insulation		21 dB				
Light transmission (%)						
EN 410	Clear	Opal	IR Opal	IR Green	IR Grey	IR White
	52	44	27	27	24	8
Fire certification	B s1 d0					
Solar factor (G)**	0.51	0.46	0.32	0.32	0.28	0.19

*Other on request

** internal evaluation

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Linear expansion	0.065 mm/lm/°C		
Usage temperature	-40°C / + 110°C		
Bending radius	-		
Acoustic insulation	21 dB		
Light transmission (%)	Clear	Opal	IR Control Opal
NF P 38-511 lux meter	58	44	36
Fire certification	B s1 d0		
Solar factor (G) **	0.49	0.39	0.38

*Other on request

** internal R&D value

► **Logistic details**

LOGISTIC DETAILS	
Nr of piece/pallet	30
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	>6000	>6000	>6000	5600	5000	1050/980
	>6000	>6000	>6000	5600	4700	4000	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: CSTB technical approval GS6, CE norms EN 14963 and EN 16153 under study

▶ **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