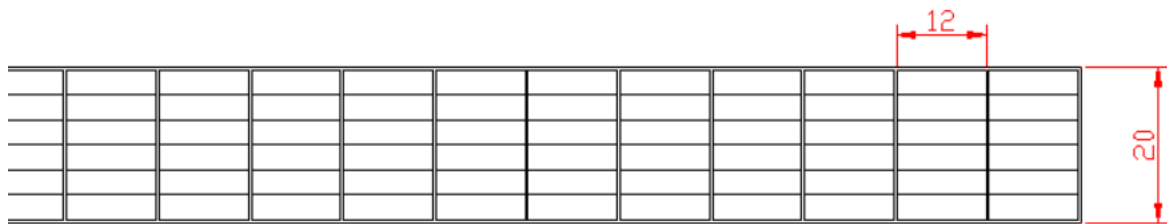


Product datasheet, April 2026

TECHNICAL SPECIFICATION

AkyVer® SUN TYPE 7 wall 20 mm HR



► 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. HR sheets have better hail resistance.

► 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	3100 gr/m ²		
Width	2100 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 mm		
Acoustic insulation	21 dB		
Light transmission (%)	Clear	Opal	
EN 410	56	52	
Fire certification	B s1 d0		
Solar factor (G) **	0.57	0.53	
Hail resistance	Watertightness	Light transmission	Surface aspect
VKF AEAI	5	5	2

*Other on request

** internal evaluation

► Logistic details

LOGISTIC DETAILS	
Nr of piece/pallet	25
Dimension of pallet (W x L x H)	2150 x 6050 (or 7050) x 670
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	5300	4700	4500	3500	2000	1050/980
	>6000	4400	3800	3000	2000	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: CSTB technical approval GS6, CE standards 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