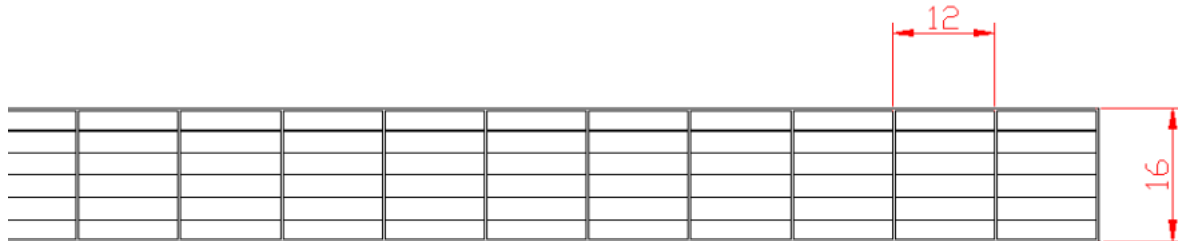


Product datasheet, April 2026

# TECHNICAL SPECIFICATION

## AkyVer® SUN TYPE 7 wall 16 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		16 mm	
Weight		3000 gr/m <sup>2</sup>	
Width		2100 mm (possible also in 980/1050/1200)	
Standard length*		6 or 7 m	
Thermal insulation		< 1,8 W/m <sup>2</sup> °C	
Linear expansion		0,065 mm/lm/°C	
Usage temperature		-40°C / + 110°C	
Bending radius		2800 mm	
Acoustic insulation		21 dB	
Light transmission (%)		<b>Clear</b>	<b>Opal</b>
EN 410		56	52
Fire certification		B s1 d0	
Solar factor (G) **		0.57	0.53
Hail Resistance		Watertightness	Light transmission
VKF AEAI		Surface aspect	
		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 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)	6000	3500	2500	2000	2000	1500	<b>1050/980</b>
	5000	2500	2000	1700	1500	1000	<b>1200</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: CSTB technical approval GS6, CE standards 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