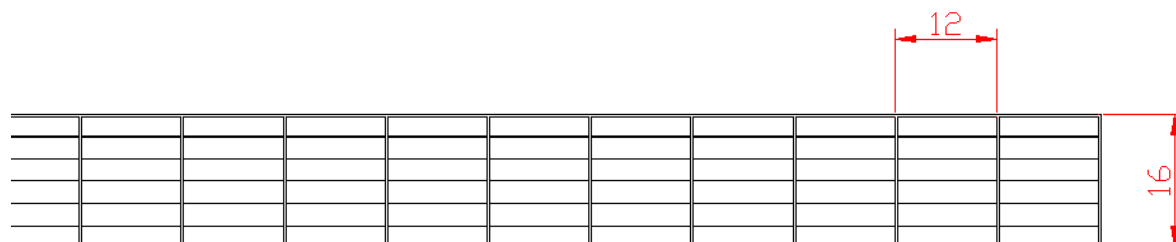


Product datasheet, April 2026

# TECHNICAL SPECIFICATION

## AkyVer® SUN TYPE 7 wall 16 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              |       |      |          | 16 mm                                    |          |         |          |
| Weight                 |       |      |          | 2600 gr/m² (possible also in 2700, 2800) |          |         |          |
| Width                  |       |      |          | 2100 mm (possible also in 980/1050/1200) |          |         |          |
| Standard length*       |       |      |          | 6 or 7 m                                 |          |         |          |
| Thermal insulation     |       |      |          | < 1,8 W/m² °C                            |          |         |          |
| Linear expansion       |       |      |          | 0,065 mm/lm                              |          |         |          |
| Usage temperature      |       |      |          | -40°C / + 110°C                          |          |         |          |
| Bending radius         |       |      |          | 2400 mm                                  |          |         |          |
| Acoustic insulation    |       |      |          | 20 dB                                    |          |         |          |
| Light transmission (%) | Clear | Opal | LiteStop | IR Opal                                  | IR Green | IR Grey | IR White |
| EN 410                 | 58    | 54   | 0        | 42                                       | 42       | 38      | 12       |
| Fire certification     |       |      |          | B s1 d0                                  |          |         |          |
| Solar factor (G)**     | 0.59  | 0.55 | 0.05     | 0.49                                     | 0.49     | 0.44    | 0.30     |

\*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 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