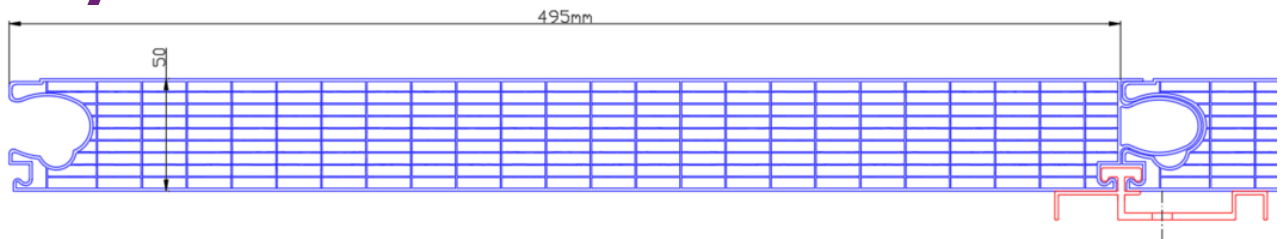


Product datasheet, April 2026

TECHNICAL SPECIFICATION

AkyVer® PANEL 50mm 10 wall



► Description :

Multiwall polycarbonate clip-on system: Profiting of anti UV treatment by coextrusion, all products AkyVer® ensure over time excellent weather and UV rays resistance, they provide as well highly stable mechanical properties.

► Application :

Ideal for new cladding or renovation of all types of tertiary architectural projects (such as gyms, schools or offices) and industrial buildings (shops and warehouses). Complete range of aluminium profiles and thermal break profiles. Accessories for fast and professional fitting.

► Technical data:

TECHNICAL DATA	VALUE	
Thickness	50 mm	
Weight	5000 gr/m ²	
Width	495 mm ± 5	
Standard length*	6 or 7 m	
Thermal insulation	0.83 W/m ² °C	
Linear expansion	0.065 mm/lm/°C	
Usage temperature	-40°C / + 110°C	
Slope of installation With respect to vertical	45° (15° following CSTB technical approval)	
Acoustic insulation	22 dB	
Light transmission (%) EN 410	Clear 43	Opal 28
Fire certification	B s1 d0	
Solar factor (G)	0.44	0.40

*Other on request

► **Logistic details**

LOGISTIC DETAILS	
Nr of piece/pallet	72 (2x36)
Dimension of pallet (W x L x H)	1100 x 6050 (or 7050) x 2000
Protection	Wood pallet + PP Corners + PE stretch foil
Storage	Inside, dry place, 1 pallet maxi

► **Load capacity with hook ZEA 2757:**

daN/m ²	2 supports		3 supports	
	pressure	vacuum	pressure	vacuum
Intermediate beams (m)				
2,5	54	54	54	54
2,2	80	85	80	85
2	107	97	107	97
1,75	160	125	160	125
1,5	254	165	254	165
1,25	316	199	316	199

► **Converting**

The AkyVer® PANEL sheets can be cut with 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 16153, CSTB technical approval

► **Cleaning - Chemical resistance**

- Avoid abrasive cleaners that might scratch AkyVer® PANEL
 - 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-year full guarantee for optical and mechanical properties
Guarantee conditions are available on request

► **Recommendations**

For more information about preparation, sealing, cutting, installation, storage etc, refer to our technical notice