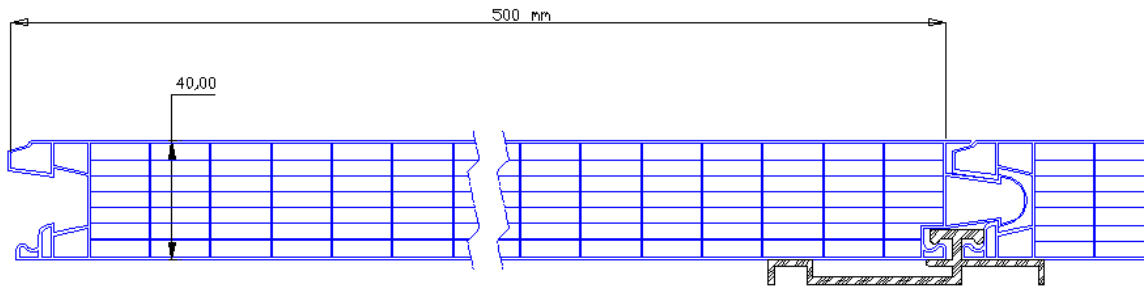


Product datasheet, May 2026

TECHNICAL SPECIFICATION

AkyVer® PANEL 40mm 8 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	40 mm					
Weight	4000 gr/m ²					
Width	500 mm ± 5					
Standard length*	6 or 7 m					
Thermal insulation	0.98 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	20 dB					
Light transmission (%) EN 410 **	Clear	Opal	Clear IR	Opal IR	Clear anti-dazzle	Opal anti-dazzle
	52	36	42	26	52	36
Fire certification	B s1 d0					
Solar factor (G) **	0.50	0.40	0.49	0.30	0.50	0.40

*Other on request

**Internal evaluation

► Logistic details

LOGISTIC DETAILS	
Nr of piece/pallet	50 (2x25)
Dimension of pallet (W x L x H)	1100 x 6050 (or 7050) x 1200
Protection	Wood pallet + PP Corners + PE stretch foil
Storage	Inside, dry place, 1 pallet on 1 maxi

► Load capacity with hook ZEA 4021:

daN/m ²	2 supports		3 supports	
	pressure	vacuum	pressure	vacuum
Intermediate beams (m)				
2,5	45	45	90	90
2,2	60	60	125	105
2	75	75	160	120
1,75	100	100	250	140
1,5	150	150	270	160
1,25	175	175	300	180

► 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