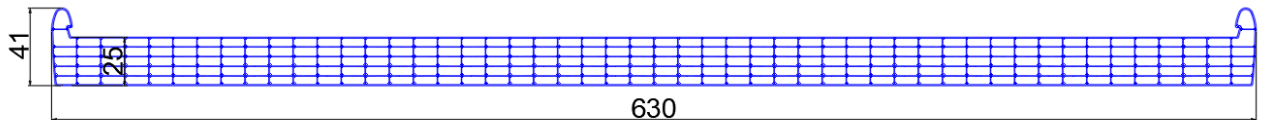


TECHNICAL SPECIFICATION

AkyVer® Connect 25mm



► Description :

AkyVer® Connect multiwall polycarbonate sheets offer undeniable advantages compared to conventional glazing: high thermal insulation performance, lightness, the possibility of cold bending, and impact resistance. Benefiting from an anti-UV treatment achieved by co-extrusion, all AkyVer® Connect products ensure excellent long-term resistance to weathering and UV radiation, while maintaining good stability of their mechanical properties.

On request: AkyVer® Connect can be supplied, in addition to the anti-UV protection, with a reflective coating integrated into the co-extrusion. This treatment helps block a large part of the heat.

► Application :

AkyVer® Connect adapts equally well to your roofing and cladding needs, whether in flat or curved applications. For both new constructions and renovations, AkyVer® Connect is designed for commercial, storage, and industrial buildings, as well as public facilities (gymnasiums, tennis halls, and other public buildings)

► Technical data:

TECHNICAL DATA	VALUE	
Thickness	25 mm	
Weight	3600 gr/m ²	
Width	630 mm	
Standard length*	6 ou 7 m	
Thermal insulation	1,4 W/m ² °C	
Linear expansion	0,065 mm/lm/°C	
Usage temperature	-40°C / + 115°C	
Bending radius	5000 mm	
Acoustic insulation	21 dB	
Light transmission (%) EN 410 **	Clear	Opal
	55	35
Fire certification	B s1 d0	
Solar factor (G) **	0.51	0.36

*Other on request

** Internal evaluation

► **Logistic details**

LOGISTIC DETAILS	
Nr of piece/pallet	50
Dimension of pallet (W x L x H)	700 x 6050 (or 7050) x 1800
Protection	Wood pallet + PE stretch foil
Storage	Inside, dry place, 1 pallet on 1 maxi

► **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. The sheets are normally delivered at the exact length and do not require further cutting. However, if trimming is necessary on site, it is essential to remove dust and cutting chips by blowing with dry, oil-free compressed air.

► **Regulations**

In compliance with: CSTB Technical Approval GS5 and GS2, EU standards: EN 14963 and EN 16153.

► **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
 10 years against hail
 Guarantee conditions are available on request

► **Recommendations**

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