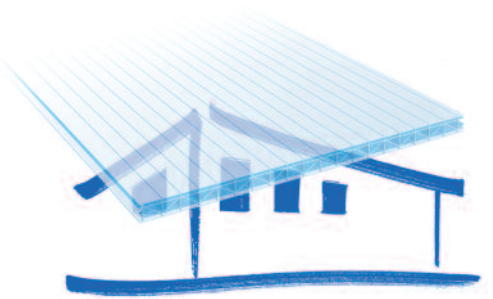


Akyver Connect® 16

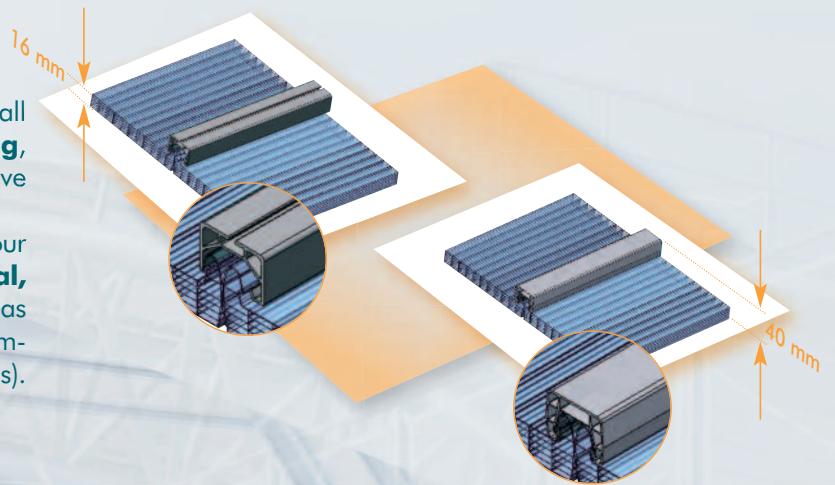
16 mm connectable system



Multi-wall polycarbonate

AKYVER Connect® 16 is well adapted to all your needs in terms of **roofing** and **cladding**, in **flat** or **curved** applications. The sheets have **double UV protection**.

Whether **new buildings** or **renovations**, our product is designed for **industrial, agricultural, commercial and storage** buildings, as well as for **those used by the general public** (gymnasiums, tennis halls and other public buildings).



On request:

AKYVER Connect® 16, in addition to the anti-UV protection, has a reflective coating incorporated in the coextrusion. This treatment enables a large part of the heat to be reflected.

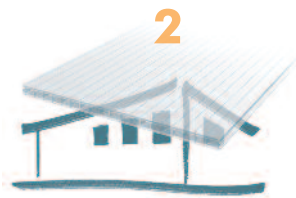


BUILDING SOLUTIONS

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Akyver Connect® 16

Technical data	Value	Tolerance
Effective width (mm)	630	± 1%
Thickness (mm)	16	± 1%
Weight (kg/m ²)	3.2	
Width (mm)	630	
Standard length (mm)	6,000 or 7,000*	
Colour	Translucent Opaline (green, blue, red, orange)*	
Light transmission (%)	64 46	
Fire classification (European standard)	B-S2, d0 (M1 equivalent)	
Double UV protection	By coextrusion on external and internal surfaces	
Thermal insulation (W/m ² .°C)	< 1.8	
Acoustic insulation coefficient (dB)	20	
Linear expansion coefficient (mm/m/°C)	0.065	
Modulus of elasticity E (N/m ²)	2,300	
Usage temperature (°C)	- 40/ +115	
Ball shot resistance	18 032 – T3 (according to DIN)	
Minimum slope for installation with respect to the horizontal (%)	8,7	
Minimum bending radius (mm)	4,000	

* Others on request

10 year guarantee

Coverings and claddings

Flat installation - Maximum distance between the fixings (mm)

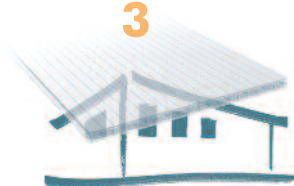
Loads	polycarbonate connector	aluminium connector
500 N/m ²	1,600 mm	2,100 mm
750 N/m ²	1,400 mm	1,800 mm

Usage slope: 5° minimum

A range of colours

which will be the answer to all your dreams

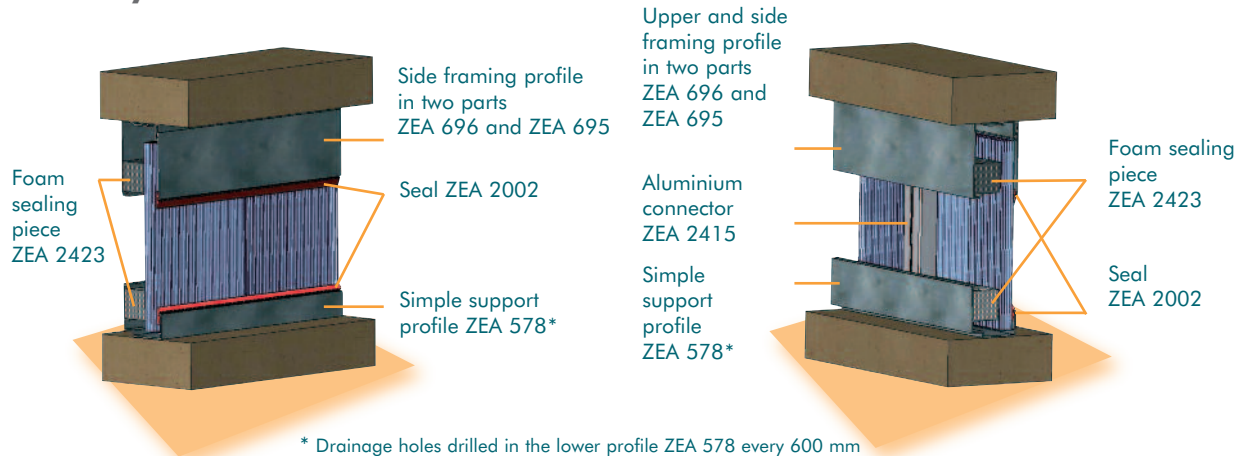
Red, blue, yellow, purple, orange... are only a few examples of the numerous possibilities we offer. From 300 m².



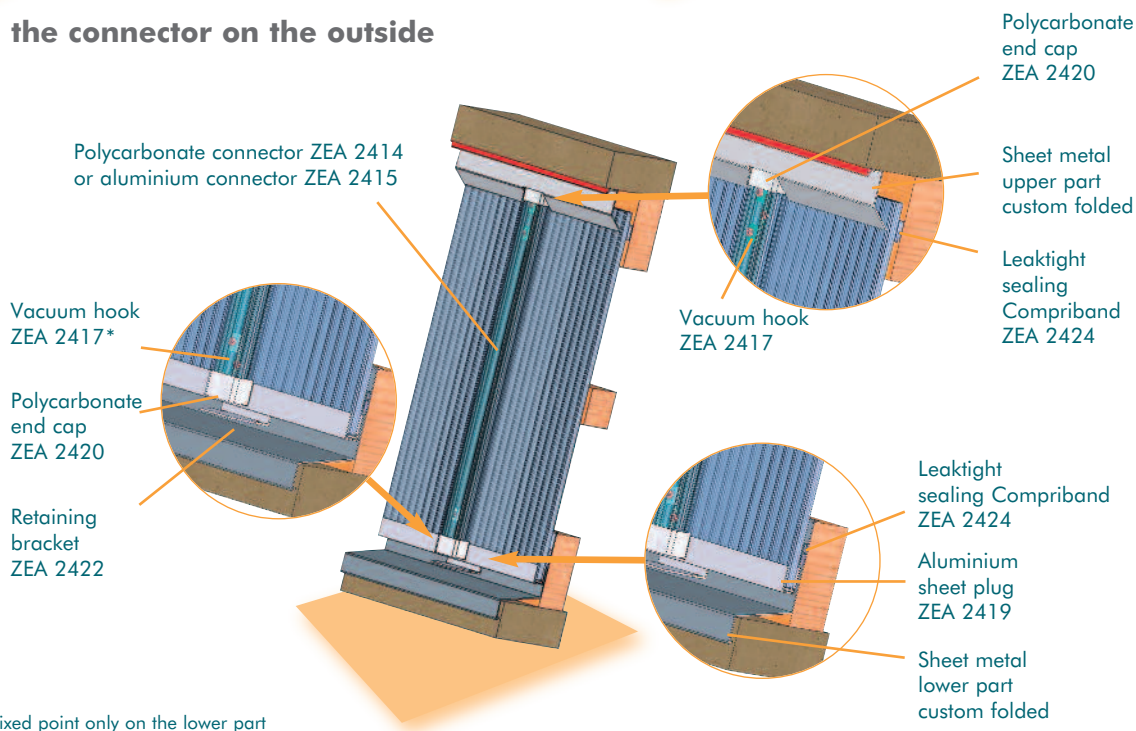
assembly **Akyver Connect® 16**

Cladding

Assembly with the connector on the inside



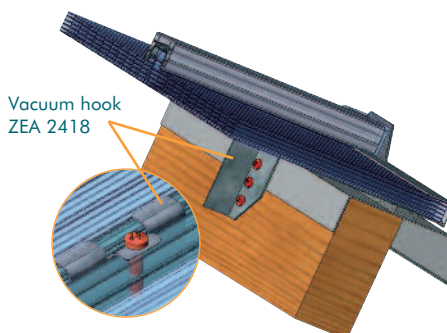
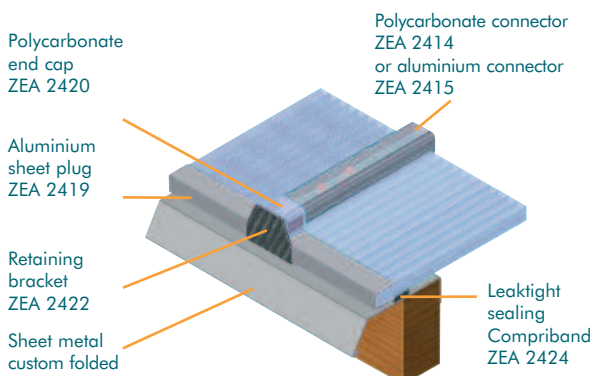
Assembly with the connector on the outside



* Sheet retaining fixed point only on the lower part

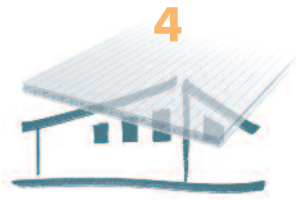
Covering



















Roof assembly; direct purlin fixing



Recommendations

Before assembly, the upper and lower ends of each sheet must be sealed off with an aluminium (ZCF 157) or micro-perforated adhesive tape to protect the cells (ZCF 095).



Accessories	Cladding		Roofing	
	Cladding assembly external connector	Cladding assembly internal connector	Roofing assembly external connector	
Simple support profile		ZEA 578		
Support profile with 50 mm flange		ZEA 579		
Support profile with 80 mm flange		ZEA 581		
Upper and side framing profile in two parts		ZEA 696		
		ZEA 695		
Aluminium connector	ZEA 2415	ZEA 2415	ZEA 2415	
Polycarbonate connector	ZEA 2414		ZEA 2414	
Flat vacuum hook	ZEA 2417		ZEA 2417	
Elbow vacuum hook	ZEA 2418		ZEA 2418	
Flat hook for alu connector		ZEA 2430		
Aluminium sheet plug	ZEA 2419		ZEA 2419	
End cap in polycarbonate (for PC connector)	ZEA 2420		ZEA 2420	
Sealing piece (PE foam)		ZEA 2423		
Seal		ZEA 2002		
Retaining bracket	ZEA 2422		ZEA 2422	
Aluminium adhesive tape	ZCF 157	ZCF 157	ZCF 157	
Micro-perforated aluminium adhesive tape	ZCF 095	ZCF 095	ZCF 095	
Leaktight sealing Compriband	ZEA 2424		ZEA 2424	

Akyver Connect® 16

Kaysersberg Plastics products

DS Smith Kaysersberg SAS

B.P. 27

68240 Kaysersberg

Tel.: 03 89 78 32 00

Fax: 03 89 78 38 56

E-mail: michel.egler@kayplast.com

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