

www.polinetlux.com
www.polinetltd.com.tr

Email: bilgi@polinetlux.com
info@polinetltd.com.tr



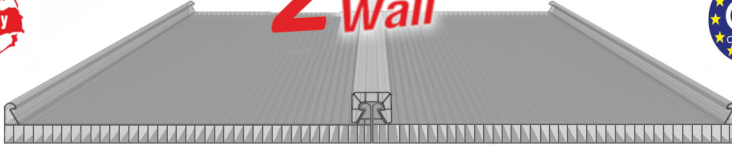
Istanbul Office: +90 885 8500776

Kocaeli Fabric: +90 262 7281513

Professional Products and Systems for Translucent Roof and Facade Cladding



2 Duvarlı Wall



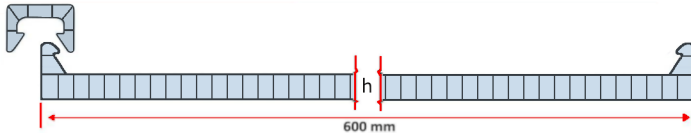
MEGALUX

208-210-212



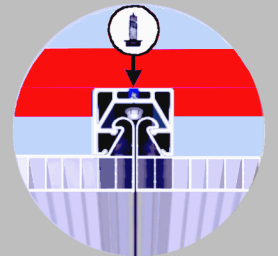
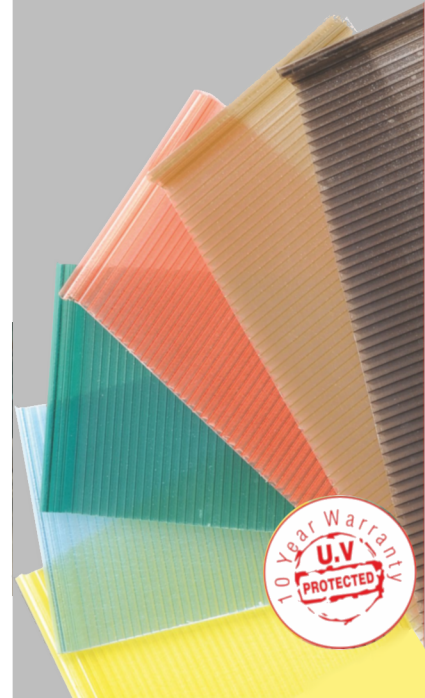
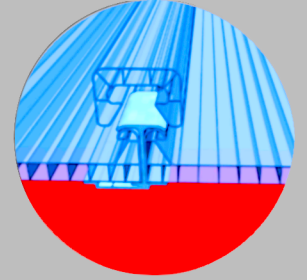
New Version

Modular two-walled polycarbonate panels in the Megalux U locked system offer more economical solutions on roof & facade claddings that do not need high thermal insulation for building and open areas. Megalux panels with a width of 60 cm, which are offered to the market in 8-10-12 mm thickness, are easily and safely fixed to the main construction with aluminum or steel clips mounted to the tabs on both sides. They provide fast and easy installation by locking with polycarbonate or aluminum snap on profiles attached to the panel tabs. Megalux U locked system offers excellent air and water insulation along with high strength resistance against roof and facade loads such as snow and wind. The fact that both sides can be produced with ultraviolet protection provides alternative application possibilities. Megalux double-walled panels, which provide very good light transmittance with alternatives according to thickness and color types, offer qualified architectural solutions to create transparent skylight areas on roof and facade claddings with these superior product and system features.



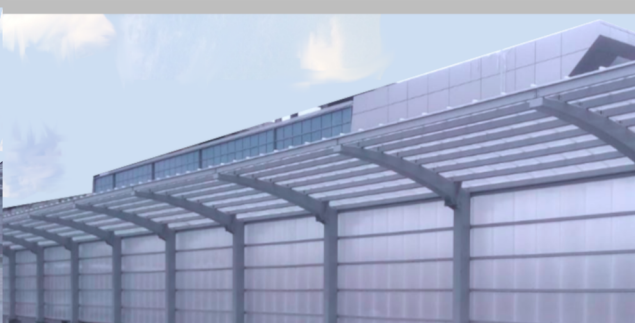
Thickness mm	8 mm	10 mm	12 mm
Stucture	2 Wall		
Width	600 mm		
Length	Standard 12 mt or at requested Length		
Thermal Conductivity W/m ² K	3,2	3,00	2,85
Light Transmission %			
Clear	80	78	75
Opal	50	48	45

* Please contact our sales office about other colour alternatives



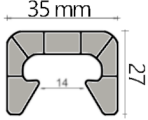
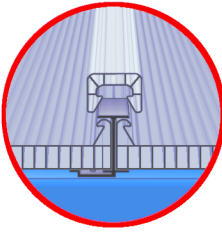
The Products and Systems of Polinet

Reflect Daylight and Sky Colours Perfectly to Architectural Size

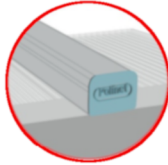


POLYCARBONATE and ALUMINIUM SNAP ON PROFILES

In standard applications, pc panels are mounted with their theet grip-tabs facing outward and pc snap on profiles (Pck-01) are attached by clicking on the panel theet grip-tabs. Pc snap on profiles cover the junction of pc panels and aluminum fixing clips . This system detail protects them trouble-free from external effects such as water, heat and air insulation . In reverse applications, aluminum snap on profiles (51057)are fixed to the main construction.Installation are made providing that The theet grip-tabs of the pc panels are attached to the aluminum snap on profile by clicking without the aluminyum fixing clips. Aluminum snap on profiles can be produced as anodized or static painted.

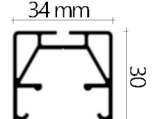


PCK-01



PC END CUP

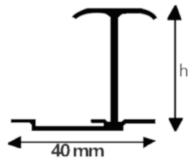
It is used to close both edges of Pc Snap on profile. They can be easily fixed thanks to their tabs into Pc edges of Pc snap on profile .It prevents dust and dirty to enter inside pc panel and snap on.



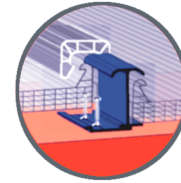
Kod:51057



ALUMINIUM FIXING HOOKS



Pc Panel Thickness	8 mm	10 mm	12 mm
Al. Fixing H. Code	51615	51182	51612
Al.Fixing.H Heigth-h	32 mm	34 mm	36 mm



Alüminyum klipslerin standart uzunluğu (L) 40 mm'dir. Klipslerin yüksekliği, pc panel kalınlığına göre değişir. Aşıklar arasında büyük mesafeler olması durumunda pc panellerin, yüklere karşı mukavemetini artırmak için boy profil olarak kullanılabilir.(L=6 mt)

ADHESIVE TAPES

Kapalı Ağız Bandı -25 mmx30 mt



The tapes are self-adhesive and it is recommended to use filtered tapes to provide water drainage and air circulation due to condensation that may occur inside the pc panels.

Filtirli Ağız Bandı -25 mm x30 mt

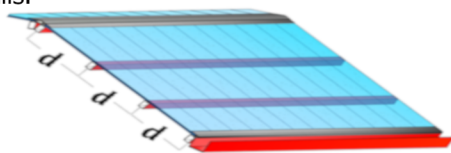


ALUMINIUM PROFILES OF MEGALUX SYSTEM

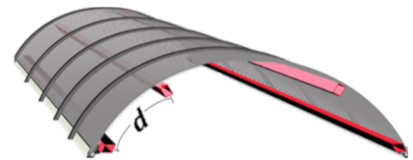
End Profile	Al. Body Profile	Al.Upper End Profile	Al. Snap on Profile	Al.Upper End Profile	Al. Snap On Profile	Al.End Body Profile
Kod:211222	Code:13022	Code:51610	Code:51057	Code:51187	Code: 51188	Code:51186

THE DISTANCE BETWEEN PURLINS ACCORDING TO SNAP ON and INSTALLATION FORM

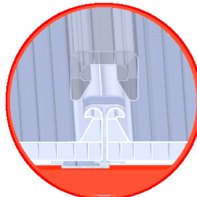
In the tables prepared for at least three urlins regarding to the pressure loads, the maximum purlin distances of construction in the curved or flat form are indicated according to Megalux two wall pc panels of 8,10 and 12 mm thickness and type of snap on.The data concerning to min. bended radiuses according to panels thicknesses must be taken into account for curve d applications. It mu st decide the purlins dista nce s of the co nstruction a cordin g to the versa tile pre ssure a nd aerodynamic factors of the place where the system will be installed. If necessary, purlin distances should be determined by considering the safety factor. If nec ssary, contact th e Polin et Project Dep artment for further inform ation on ap plication details.



Min. Bending Radius-mm		
8mm	10mm	12mm
1500	1700	2000
Don't bend the pc panels less than above radius values		



Pc Snap On -Flat Installation	Megalux Panel Thicknesses		
	8mm	10mm	12mm
Load- N/m ²	Max.Distance Between Purlins (mm)		
900	800	900	1000
1200	700	800	900
1500	500	600	700



Pc Snap On - Curved Installation	Megalux Panel Thicknesses		
	8mm	10mm	12mm
Load- N/m ²	Max.Distance Between Purlins (mm)		
900	1000	1100	1250
1200	850	1000	1100
1500	750	900	1000

Al. Snap On -Flat Installation	Megalux Panel Thicknesses		
	8mm	10mm	12mm
Load- N/m ²	Max.Distance Between Purlins (mm)		
900	950	1100	1200
1200	800	950	1050
1500	650	800	900



Al. Snap On - Curved Installation	Megalux Panel Thicknesses		
	8mm	10mm	12mm
Load- N/m ²	Max.Distance Between Purlins (mm)		
900	1100	1250	1400
1200	950	1100	1250
1500	800	950	1100