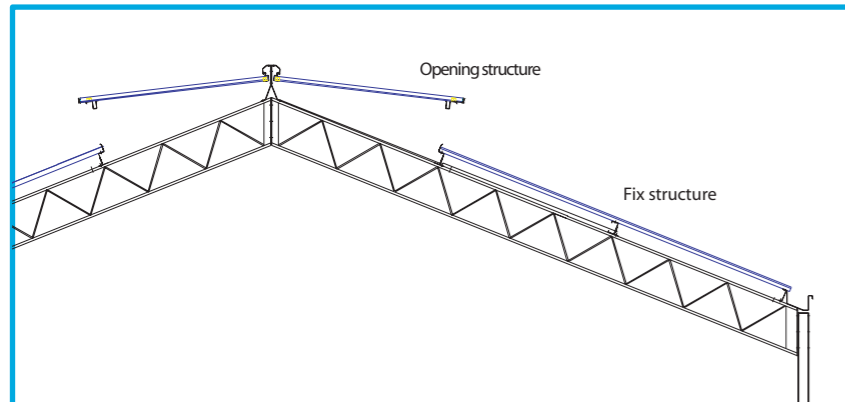


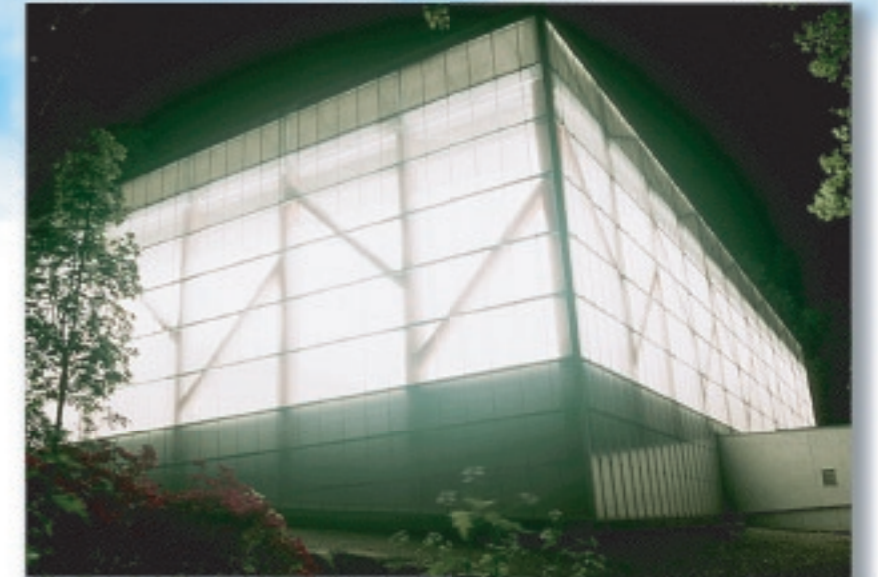


**SOLUTION WITH OPENING ELEMENT**



**Systems of multi-wall polycarbonate panels for roofing and windowing**

**BDL SYSTEM**



**BDL 10  
BDL 16**

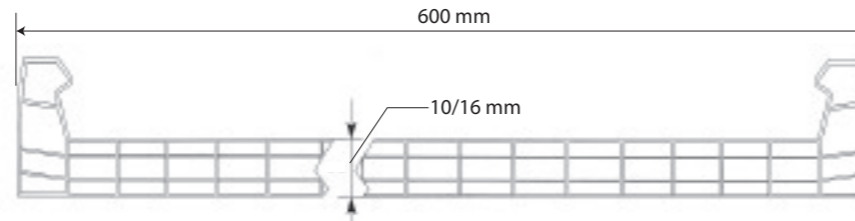
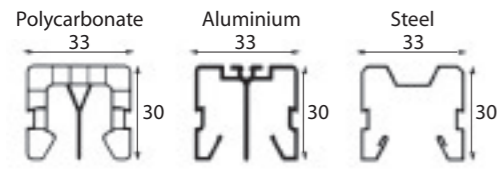


All the reported data can be changed by Politec SA at any time without obligation of notice. These data are the result of our best knowledge but they are non binding information and do not release Client to make own tests in order to check whether the products are suitable with the use they are planned for. The products having a weight lower than standard one reported herein are not covered by any guarantee.



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**Joining profile**



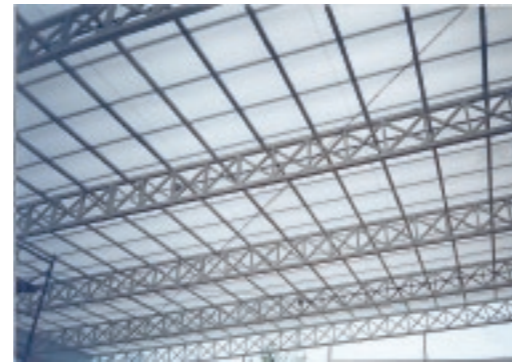
**BDL 10**

**BDL 16**

**Code**  
Thickness  
Weight  
Width  
Standard length  
Bending radius  
Light Transmission (LT)  
  
Solar control (G value)  
  
Thermal insulation  
  
Thermal expansion  
UV protection  
Fire behaviour  
Joining profiles

**JX03**  
10 mm  
2,2 Kg/m<sup>2</sup>  
600 mm  
7000 mm  
2200 mm  
clear (8005) 76 %  
Opal (8120) 48 %  
  
clear (8005) 68 %  
Opal (8120) 51 %  
  
2,58 W/m<sup>2</sup> °K  
2,22 Kcal/m<sup>2</sup> h °C  
  
0,065 mm/m °C  
co-extruded on both sides  
available  
Polycarbonate 7000-12000 mm length (code J443)  
Aluminium 6000 mm length (code M9RA)  
Steel 7500 mm length (code M9TB)

**JX04**  
16 mm  
2,9 Kg/m<sup>2</sup>  
600 mm  
7000 mm  
3200 mm  
clear (8005) 65 %  
Opal (8120) 41 %  
  
clear (8005) 67 %  
Opal (8120) 48 %  
  
2,15 W/m<sup>2</sup> °K  
2,85 Kcal/m<sup>2</sup> h °C  
  
0,065 mm/m °C  
co-extruded on both sides  
available  
Polycarbonate 7000-12000 mm length (code J443)  
Aluminium 6000 mm length (code M9RA)  
Steel 7500 mm length (code M9TB)



10 YEAR GUARANTEE

10 YEAR GUARANTEE

**CHARGES**

FLAT INSTALLATION – Uniformly distributed load							
LOADS		Maximum distance between the rafters (mm)					
		Polycarbonate joining		Aluminium joining		Steel joining	
		BDL10	BDL16	BDL10	BDL16	BDL10	BDL16
Pressure N/m <sup>2</sup>	900	1700	1900	2400	2600	2500	2700
	1200	1500	1800	2200	2400	2300	2500
	1500	1300	1600	1900	2000	2000	2100
	1800	1100	1300	1600	1700	1700	1800
Suction N/m <sup>2</sup>	600	1600	1800	2200	2200	2200	2200
	900	1500	1700	2000	2000	2000	2000
	1200	1300	1500	1800	1800	1800	1800
	1500	1000	1300	1600	1600	1600	1600

Pressure and suction breaking loads: use the suitable security coefficient (Istituto Giordano Italy)

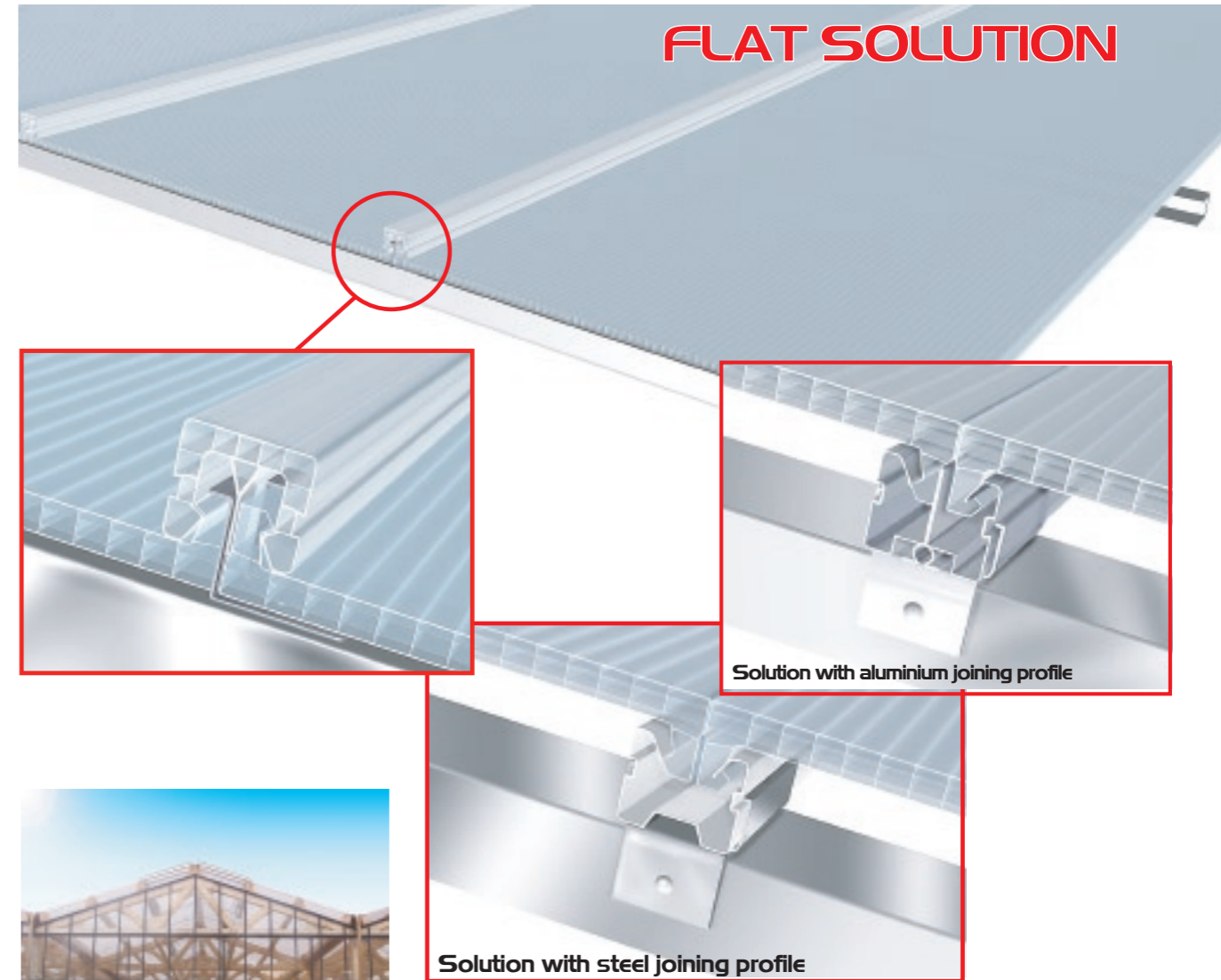


BDL panel system is extremely versatile and suitable for a wide range of transparent and luminous applications such as:

- skylights
- flat roofs
- penthouses
- windows

BDL system is sure, easy and quick to install thanks to the complete range of both aluminium and steel accessories.

**FLAT SOLUTION**



**BDL system** can be installed on a flat construction (a minimum slope must however be kept in any case) with two or more rafters. The panel joining can be made with the joining polycarbonate profile or, if needed owing to the load or to the size, with the joining aluminium or steel profile which assures an higher resistance. The polycarbonate profile must be installed towards outside: the aluminium and steel profiles must be installed inside. Thanks to the UV protection, co-extruded on the whole panel perimeter **BDL system** maintains unchanged excellent transparent and mechanical properties. BDL system is guaranteed for 10 years (Ask for a copy of the 10 year guarantee to our sales office).

