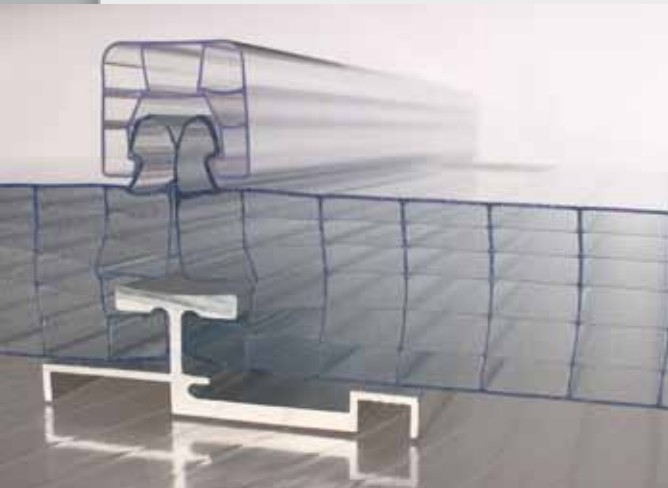
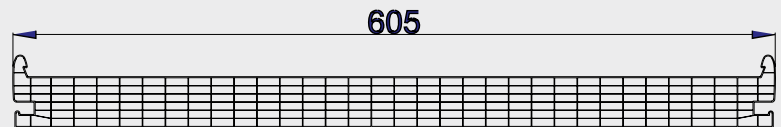



PC 2600-40-7-U

U-panel



Technical Data Sheet



U _p - value	installation vertical	1.1 W/m ² K
	installation horizontal	1.1 W/m ² K
Weight	approx. 4600 g/m ²	
Thickness	40 mm +/-0.5 mm	
Building width	605 mm	
Flammability classification	B-s1, d0 according to EN 13501, other flammability classifications on request	
Structure	7 walls / 6 chambers	
Modulus of elasticity	approx. 2400 N/mm ²	
Bending radius	minimum 10.0 m	
Coefficient of linear expansion	0.065 mm/m/°C	
Light transmission*	clear	approx. 54%
	opal	approx. 41%
Solar gain value g	clear	approx. 58%
	opal	approx. 46%
UV-admission	< 1 %, wavelength until 380 nm stopped almost a 100%	
UV-protection	coextruded UV-protective layer on the external wall	
Production tolerances	according to EN 16153	
Sound insulation	R _w = 22 dB	
Service temperature	- 40°C up to +115°C (temporarily up to + 130°C)	
Hail resistance	s. warranty	
Colors	 Clear Opal Color (on request**)	

Advantages

- light weight, rapid and easy to install
- horizontally and vertically installed an insulation value of 1.1 W/m²K and no thermal bridges
- maximum free span and water tightness through combined flat fastener fixing and panel connection with polycarbonate glazing bar
- fitting to every standard and non-standard sized roof construction
- flat roof constructions from 5° pitch or curved application with a minimum radius of 10m
- glazing bar and aluminium frame profiles can be customized to your colour choice
- without opaque shadows from aluminium glazing bars
- Polycarbonate is shatter proof and compared to glass 200 times tougher

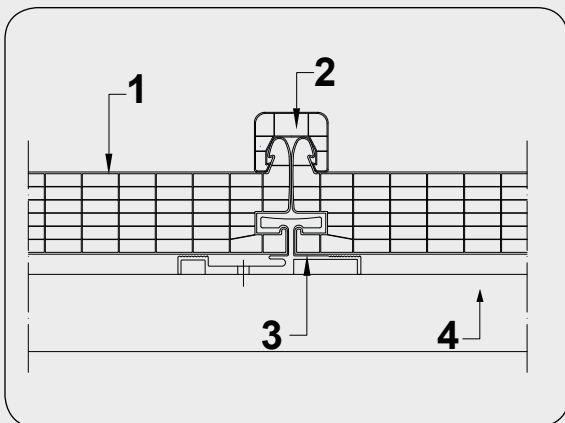
* Values are based on internal measurements

** Minimum quantities are mandatory

The aforesaid information and our application technological advice in words, written and through tries, are carried out to best of one's knowledge. This information is non-binding advice even in regards to property rights of third parties. Our advice does not release you from your responsibility to proof self dependently our current advices - especially our safety data sheets and technical information - and to test if our products in regards to applicability for the intended system and use. Application, use and handling of our products -produced from you based on our application technological advice - take place out of our control andtherefore you are solely responsible. The sale of our products is carried out according to our current general terms and conditions. Please check before handling if our products are applicable for the intended purpose.

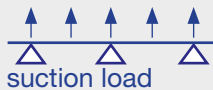
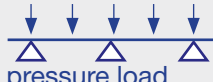
PC 2600-40-7-U

U-panel



- 1 U-panel PC 2600-40-7-U
- 2 PC glazing bar no. 380061
- 3 Fastener no. 49404000
- 4 Substructure

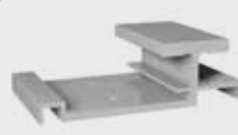
Load resistance

	Span	Load
 <p>suction load</p>	1,0m	3,9 kN/m ²
	1,5m	2,8 kN/m ²
 <p>pressure load</p>	1,0m	5,8 kN/m ²
	1,5m	4,0 kN/m ²


The values above are based on the breaking loads of panels 2600-40-7-U with RODECA fastener 49404000 and RODECA-system-accessories. This information does not contain any safety factor and does not replace specified national building regulations and certificates.

* Values are based on internal measurements
 ** Minimum quantities are mandatory

Accessories




Fastener no. 49404000
 U-panels are fixed onto the substructure with this aluminium fastener to secure the panels from suction loads.




PC glazing bar no. 380061
 To connect the panels, the PC glazing bars have to be clipped onto the moulded tongues of the u-panels.




PC end cap no. 395008
 End caps cover the front ends of PC glazing bars to avoid the entry of dirt, insects and moisture.



Aluminium U-profile no. 464011
 The aluminium U-profiles close the ends of panels which have been previously sealed with sealing-tape according to the installation manual.



Aluminium frame profile 420040
 The aluminium profile covers the side cutting edges. This profile must be fixed with full surface on substructure.



External gasket no. 902901
 The gasket has to be pushed onto the front plate of the aluminium frame profile to avoid the entry of dirt and moisture.