

RANGE	Thickness mm	Weight kg/m ²	Min. bending radius mm	Width		LOAD TABLE				
				in stock (*) mm	produced on request (**) mm					
	0,8	1,10	4000	1100		D max [mm]	800	700	650	600
	1,0	1,35	4000		1100	D max [mm]	850	750	700	650
	0,8	1,20	4000		1265	D max [mm]	850	800	750	700
	1,0	1,45	4000		1265	D max [mm]	900	850	800	750
	1,0	1,50	6000	1050	1215	D max [mm]	1000	900	850	800
	1,0	1,50	6000	1010	1120	D max [mm]	1100	1000	950	900
	1,0	1,45	6000	1040		D max [mm]	1200	1100	1000	950
	1,0	1,45	6000	1040		D max [mm]	1200	1100	1000	950
	1,0	1,45	6000	1097		D max [mm]	1350	1200	1100	1050
	1,2	1,70	6000	1097		D max [mm]	1400	1250	1150	1100

TECHNICAL DATA	Light transmission: Transparent	0,8 mm = 89 %	1,0/1,2 mm = 89 %
	White Opaline (**)	0,8 mm = 80 %	1,0/1,2 mm = 75 %
	Thermal expansion:	0,065 mm/mK	
	Temperature range:	-40 / +120 °C	

NOTES	(*) in stock in length 6000 mm (as available)
	(**) produced on request for quantities
	Minimum recommended inclination for roofing: 4° (7%)
	10 Years warranty for Europe against yellowing and hail damage ask for the respective warranties for the different Countries
Fire classification	

SPECIFICATION TEXT

Skylight / Roofing / Glazing (*) with extruded corrugated / profiled (**) sheets in solid polycarbonate external side UV-protected, wave pitch ... mm (**), thickness ... mm (**), width ... mm (**), colour ... (**), (type **AKRALUX COMPACT** of Akraplast Sistemi).

(*) alternatively: select type of application.

(**) alternatively: type and values in relation of the selected sheet - see **RANGE** and **NOTES**.

WARRANTY

The **AKRALUX COMPACT** sheets are protected against UV-rays on the external side with co-extrusion process. In Europe they are covered by **10 YEARS WARRANTY** from the date of purchase against yellowing and weather damages (hail etc.). For Extra-European Countries the warranty may have a different duration. For further details, please ask for the Warranty Certificate.

CERTIFICATIONS

With regards to the fire performance, the **AKRALUX COMPACT** sheets are classified in European Fire Class **EN 13501-1: B s1 d0**. For further details, please ask for copy of the respective certificate.

RESISTANCE to CHEMICAL AGENTS

Please contact us to ask about compatibility with chemical agents.

POSITIONING, TOOLS and FIXING

The sheets should be positioned with the UV protected side being on the external face.

Recommended minimum slope 4° (7%).

When cutting the sheets a metal saw with fine teeth should be used.

The positioning of the sheets is the same as metal or fiber cement profiled sheets, likewise the tools for working with the product are the same as would be used for metal sheeting.

Screws with a washer gaskets and shaped crown washers with a gasket are used to fix the sheets.

When fixing the sheets pre-drill a bore hole, which must be wider than the screw diameter, to allow thermal movements.

If required, a compatible silicone for use with polycarbonate should be used.

CARE and MAINTENANCE

It is recommended not to store the sheets exposed at the sun or under inclement weather conditions without proper protection.

It is recommended to clean the sheets regularly in order to remove dust and atmospheric pollution.

To clean the sheets use cold or lukewarm water and (if necessary) neutral detergents. Do not use abrasive cloths, hot water and chemical detergents. Avoid to clean the panels when they are heated by the sun.

Responsibility clause: all information and technical advice given are made in good faith and based on the best of our knowledge; but having no control over the use of their material, we accept no responsibility for their applications. These indications do not exempt the customer from its controls to determine compliance of materials and installation procedures to their needs and standards. AKRAPLAST Sistemi reserves the right to change specifications at any time.