



ULTRAPLAST EU

Product Presentation



www.ultraplast.lv



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ABOUT PRODUCTION

ISO 9001

BUREAU VERITAS
Certification

Ultraplast EU is a Latvian supplier of high-quality plastic sheets and accessories to them

- ✓ New extrusion equipment combined with modern and advanced European developments, allows to produce high-quality and widely used products
- ✓ Quality of manufactured products is tested at all stages of production, only 100% primary raw materials of well-known world brands are used
- ✓ A wide range of products in various colors, sizes, thicknesses, structures for any application, production is also available according to individual requirements





ABOUT PRODUCT

Solid polycarbonate sheets



Solid polycarbonate sheet is a transparent, resistible and high-toughness material, despite its lightweight, which is covered with double-sided UV-protection and has no internal voids. The qualities of Solid PC allow it to be implemented as safety glazing and protective screen. Solid PC is used everywhere - from engineering and medicine to furniture and office interiors. High impact resistance makes a solid PC the best option for outdoor structures that are influenced by weather conditions.

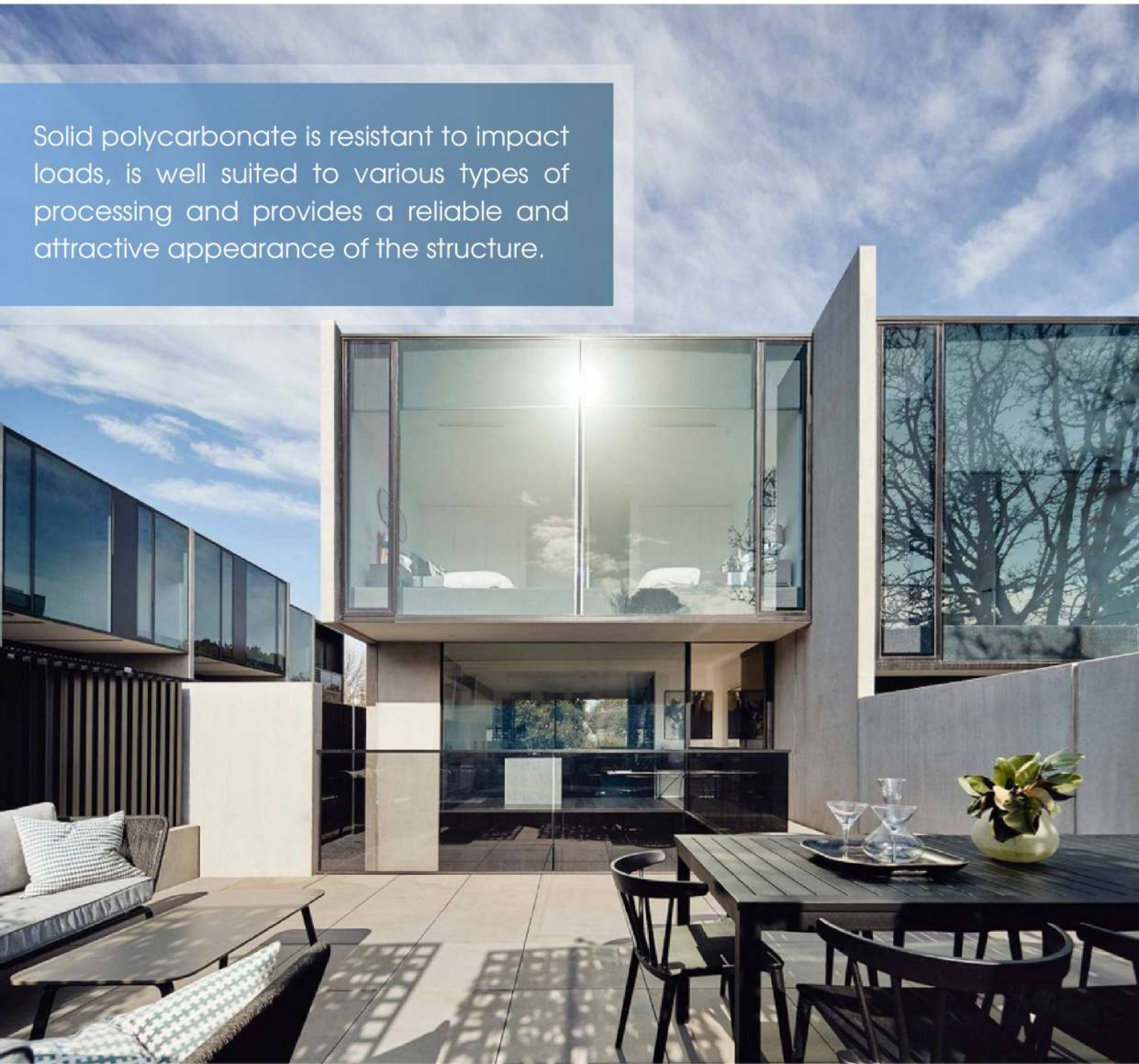




TOP BENEFITS

- ✓ High impact resistance
- ✓ Transparency
- ✓ Lightweight
- ✓ Acoustical insulation
- ✓ UV Protection
- ✓ Waterproof
- ✓ Fire resistant
- ✓ Durability

Solid polycarbonate is resistant to impact loads, is well suited to various types of processing and provides a reliable and attractive appearance of the structure.





APPLICATIONS

Unique properties of solid polycarbonate enable its wide use in urban, industrial and road construction, engineering, furniture manufacturing, advertising business, office and residential interiors.



- ✓ Translucent facades and roofs
- ✓ Advertising platforms
- ✓ Machine guards and visors
- ✓ Roof domes
- ✓ Noise reduction barriers
- ✓ Anti-vandalism structures
- ✓ Security glazing
- ✓ Bus Shelters





PRODUCT RANGE

OPTION	DESCRIPTION
Thicknesses:	0.5 / 0.6 / 1 / 1.5 / 2 / 3 / 4 / 5 / 6 / 8 / 10 / 12 mm
Sizes (Standard):	1250 x 2050 / 2050 x 3050 / 2050 x 6110mm
Colors:	Transparent / Bronze / Anthracite / Opal

PROPERTIES	SHEET THICKNESS											
	0.5mm	0.6mm	1mm	1.5mm	2mm	3mm	4mm	5mm	6mm	8mm	10mm	12mm
Density, kg/m ²	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Weight 1m ² , kg	0.6	0.7	1.2	1.8	2.4	3,6	4,8	6,0	7,2	9,6	12	14,4
Sheet weight, kg:												
1250x2050 (mm)	1.54	1.85	3.08	4.61	6.15	9,23	12,30	15,38	18,45	24,60	30,75	36,90
2050x3050 (mm)	-	-	-	-	15,01	22,51	30,01	37,52	45,02	60,02	75,03	90,04





ABOUT PRODUCT

Multiwall polycarbonate sheets

Multiwall polycarbonate sheet is gaining popularity among customers, refers to modern, reliable and high-quality material. The cellular structure provides the material with strength, lightweight and high thermal insulation. An important feature of it is the combination of high light transmittance and good thermoplastic. UV protection layer extends the shelf life of the finished construction. Sheets are available in various thicknesses from 4 to 25 mm, wide color scheme and different structures.



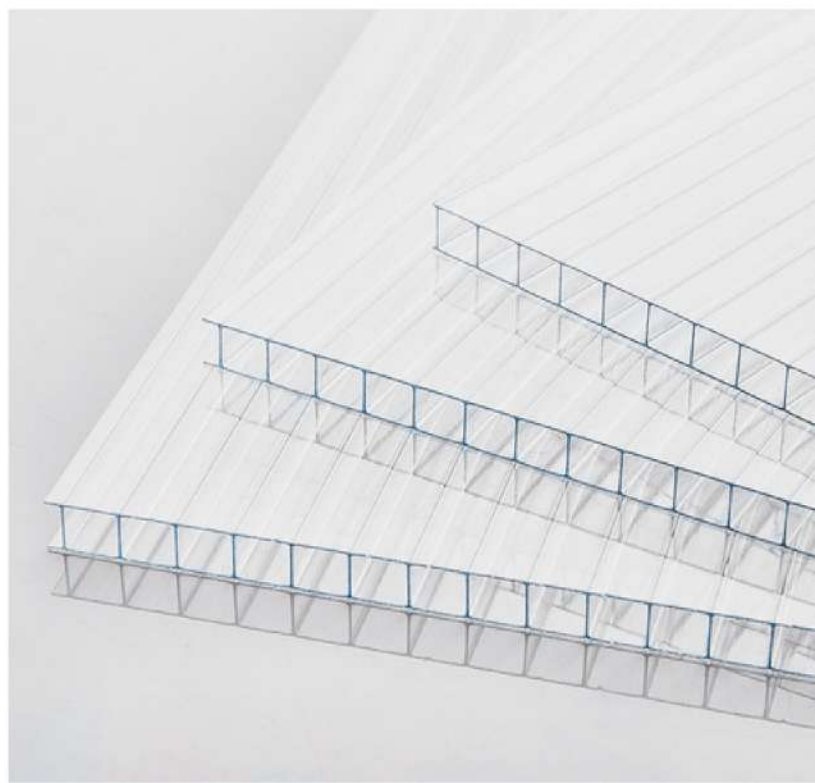


TOP BENEFITS

- ✓ Good light transmission
- ✓ Lightweight
- ✓ Thermal insulation
- ✓ UV resistance
- ✓ Flexible
- ✓ Durable
- ✓ Waterproof
- ✓ Easy to install



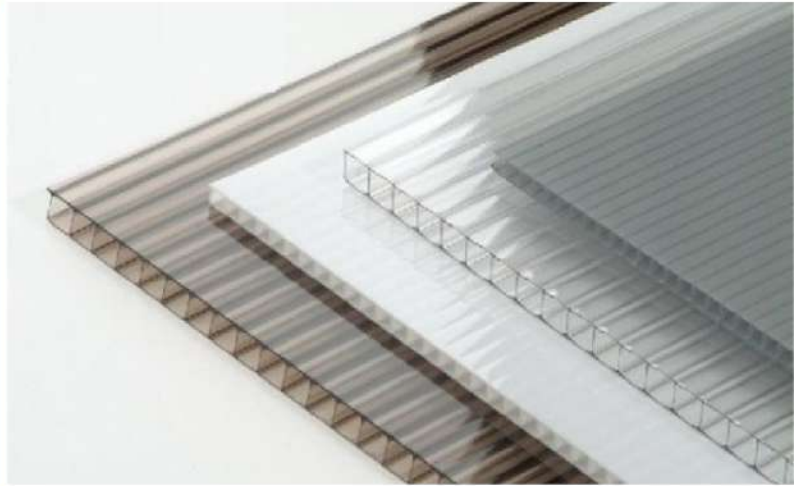
The popularity and demand for Multiwall polycarbonate in construction is justified by a number of priority qualities peculiar only to polymer materials. Its extraordinary lightness is combined with a sufficiently high strength and resistance to a number of external influences. Multiwall sheet material actively displaces brittle and heavy glass. It is much more readily used in the glazing of building structures.





APPLICATIONS

The different thickness and sizes of the sheets allow the use of Multiwall polycarbonate for glazing and creating structures for various purposes and configurations. The variety of colors opens up spaces for solving any practical and design tasks.



- ✓ Roofs of industrial and social facilities
- ✓ Facade structures of buildings
- ✓ Noise protection fences of roads
- ✓ Greenhouses
- ✓ Canopies
- ✓ Pool covers
- ✓ Carport
- ✓ Skylights

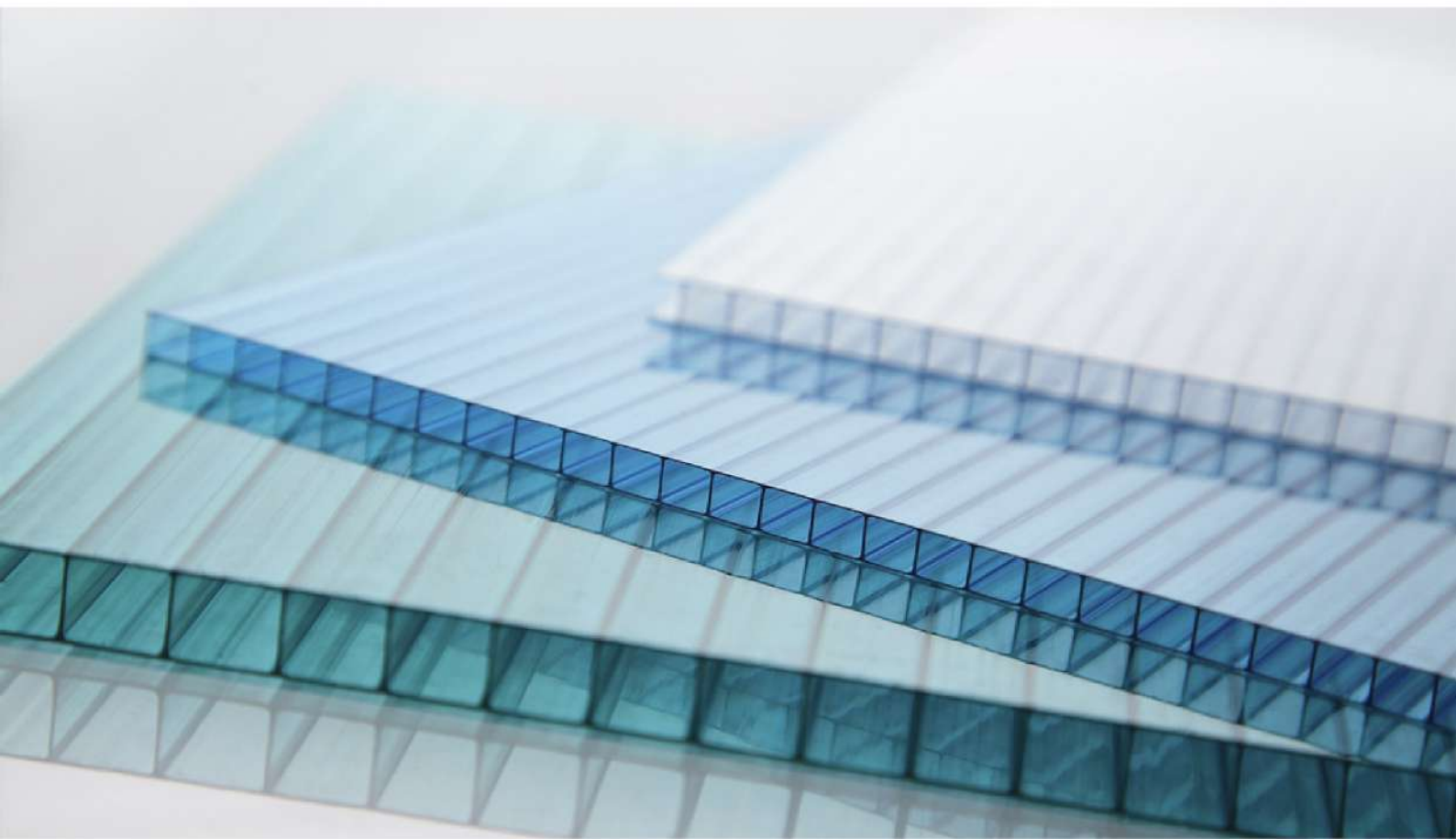




PRODUCT RANGE

OPTION	DESCRIPTION
Thicknesses:	4 / 6 / 8 / 10 / 16 / 20 / 25 mm
Width:	980 / 1050 / 1250 / 2100 mm
Length:	6000 / 12000 mm
Structure:	2H / 3H / 7H / 5X / 6M
Colors:	Transparent / Bronze / Anthracite / Opal / Hammer effect / Milky / Blue / Green / Yellow / Red / Turquoise / Rich red

PROPERTIES														
Structures:														
	2H				3H		7H			5X		6M		
Sheet thickness:	4mm	6mm	8mm	10mm	16mm	20mm	16mm	20mm	25mm	16mm	20mm	10mm	16mm	20mm
Density, kg/m²:														
Ultraplast T	0.6	1.1	1.2	1.4	2.3	2.7	2.5	2.8	3.2	2.5	3.0	1.5	2.4	2.7
Ultraplast T3	0.7	1.2	1.3	1.5	2.4	2.9	2.8	3.0	3.4	2.7	3.1	1.6	2.5	2.9
Ultraplast T10	0.8	1.3	1.5	1.7	2.6	3.0	3.0	3.2	3.6	2.8	3.2	1.7	2.7	3.0
U-Value, W/m²K	3.9	3.9	3.0	3.0	2.3	2.3	1.76	1.6	1.4	2.0	N/A	2.2	1.9	1.8





ABOUT PRODUCT

Acrylic (PMMA) sheets

ACRYLIC is a very transparent and quite durable material with a unique shine. It is versatile and popular in many industries around the world. One of the most important characteristics of acrylic is its natural resistance to ultraviolet radiation, which allows it to maintain its optical properties and original appearance for a long time of operation.





TOP BENEFITS

- ✓ Excellent light transmission
- ✓ High resistance to UV
- ✓ Outstanding weather ability
- ✓ Dimensionally stable
- ✓ Resistant to scratches
- ✓ Eco-friendly
- ✓ Thermoplastic
- ✓ High degree of gloss



Acrylic has a high transparency, reaching more than 90%, which is the main argument in favor of the fact that it can be an excellent alternative to glass. The material allows you to get products of any shape from it. In addition, the material is very light, which gives even more opportunities for its use. At the same time, it is a material with high resistance to ultraviolet radiation, which allows the product to maintain its original appearance for many years.





APPLICATIONS

Acrylic offers many applications in various industries and spheres of our life. It is used for glazing store shelves, making advertising and demonstration stands, which are a functional, durable and versatile tool for various marketing campaigns. This material is very popular in interior and exterior design, various decorations, gadgets and accessories are practical applications of acrylic. Currently, it is increasingly used to create antivirus screens in commercial and office premises.



- ✓ Construction and architecture
- ✓ Furniture and interior items
- ✓ Trade and exhibition equipment
- ✓ Mechanical engineering
- ✓ Medicine
- ✓ Electronics
- ✓ Lighting industry
- ✓ Production of aquariums





PRODUCT RANGE

OPTION	DESCRIPTION
Thicknesses:	0.6 / 1 / 1.5 / 2 / 3 / 4 / 5 / 6 / 8 / 10 / 12 mm
Sizes (Standard):	1250 x 2050 / 2050 x 3050 mm
Color:	Transparent

PROPERTIES	SHEET THICKNESS										
	0.6mm	1mm	1.5mm	2mm	3mm	4mm	5mm	6mm	8mm	10mm	12mm
Density, kg/m ²	1,19	1,19	1,19	1,19	1,19	1,19	1,19	1,19	1,19	1,19	1,19
Weight 1m ² , kg	0,71	1,19	1,79	2,38	3,57	4,76	5,95	7,14	9,52	11,9	14,28
Sheet weight, kg:											
1250x2050 (mm)	1,83	3,05	4,57	6,10	9,15	12,20	15,25	18,30	24,40	30,49	36,59
2050x3050 (mm)	-	-	-	14,88	22,32	29,76	37,20	44,64	59,52	74,41	89,29

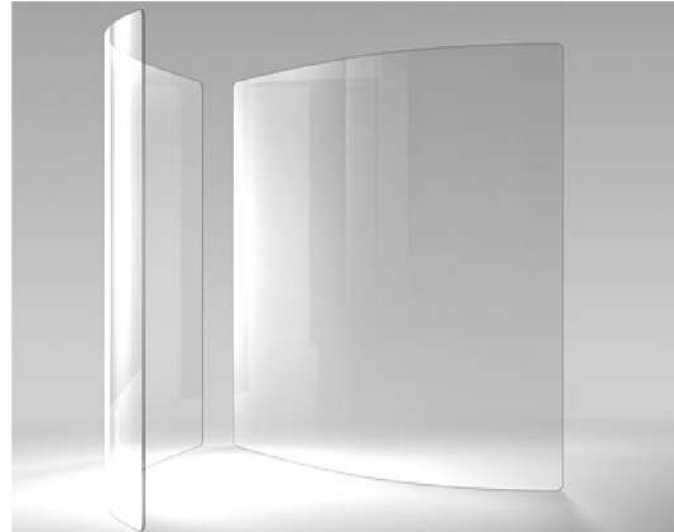




ABOUT PRODUCT

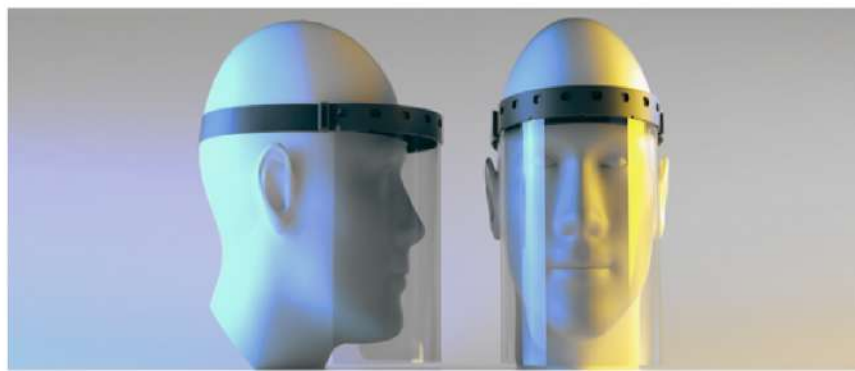
PETG sheets

PETG is the most convenient material for thermal vacuum molding. They are characterized by high mechanical strength and transparency. PETG sheets comply with the requirements of all applicable regulations regarding food contact. It does not contain such a dangerous compound as bisphenol A and styrene.



TOP BENEFITS

- ✓ Excellent impact resistance
- ✓ Good chemical resistance
- ✓ Simple thermoforming
- ✓ Suitable for printing
- ✓ Food-safe plastic
- ✓ Optical clarity





APPLICATIONS

- ✓ Displays
- ✓ Signage
- ✓ Protective screens
- ✓ Packaging
- ✓ Boxes, organizers , dividers
- ✓ Food containers



PETG is used in the production of commercial equipment, display cases and protective glasses, in the production of printing and souvenir products, in construction and street lighting systems, medical supplies and the automotive industry.





PRODUCT RANGE

OPTION	DESCRIPTION
Thicknesses:	0.6 / 1 / 1.5 / 2 / 3 / 4 / 5 / 6 / 8 / 10 / 12 mm
Sizes (Standard):	1250 x 2050 / 2050 x 3050 mm
Color:	Transparent

PROPERTIES	SHEET THICKNESS										
	0.6mm	1mm	1.5mm	2mm	3mm	4mm	5mm	6mm	8mm	10mm	12mm
Density, kg/m ²	1,27	1,27	1,27	1,27	1,27	1,27	1,27	1,27	1,27	1,27	1,27
Weight 1m ² , kg	0,8	1,3	1,91	2,5	3,8	5,1	6,4	7,6	10,2	12,7	15,2
Sheet weight, kg:											
1250x2050 (mm)	1,95	3,25	4,88	6,51	9,76	13,02	16,27	19,53	26,04	32,54	39,05
2050x3050 (mm)	-	-	-	15,88	23,82	31,76	39,70	47,64	63,53	79,41	95,29





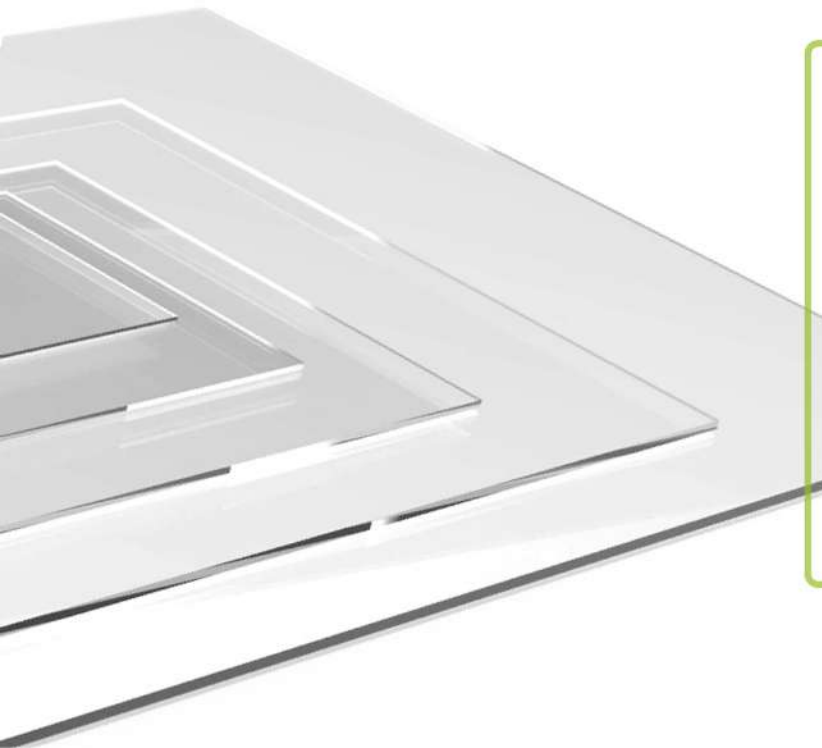
ABOUT PRODUCT

Polystyrene (GPPS)

GPPS (general purpose polystyrene) transparent, rigid, lightweight plastic at an affordable price. It has good physico-mechanical and dielectric properties, and is also resistant to moisture and aggressive chemicals (alcohols, alkalis, dilute acids). High temperature resistance enables the material to be cut into an ideal shape.



TOP BENEFITS



- ✓ Good optical properties
- ✓ Lightweight
- ✓ Good recyclability
- ✓ Low cost
- ✓ High water resistance
- ✓ Durability
- ✓ Chemical resistance



APPLICATIONS



Polystyrene is an economical alternative to acrylic for interior glazing of rooms, such as partitions, shower doors, lamps. It is used in the manufacture of protective glazing of stands, in the production of trade and exhibition equipment.

- ✓ Interior decorations
- ✓ Chemical acid storage tanks
- ✓ Office equipment
- ✓ Bathroom dividers
- ✓ Picture frames
- ✓ Medical peripherals





PRODUCT RANGE

OPTION	DESCRIPTION
Thicknesses:	0.6 / 1 / 1.5 / 2 / 3 / 4 / 5 / 6 / 8 / 10 / 12 mm
Sizes (Standard):	1250 x 2050 / 2050 x 3050 mm
Color:	Transparent

PROPERTIES	SHEET THICKNESS											
	0.6mm	1mm	1.5mm	2mm	3mm	4mm	5mm	6mm	8mm	10mm	12mm	
Density, kg/m ²	1,05	1,05	1,05	1,05	1,05	1,05	1,05	1,05	1,05	1,05	1,05	1,05
Weight 1m ² , kg	0,6	1,1	1,58	2,1	3,2	4,2	5,3	6,3	8,4	10,5	12,6	
Sheet weight, kg:												
1250x2050 (mm)	1,61	2,69	4,04	5,38	8,07	10,76	13,45	16,14	21,53	26,91	32,29	
2050x3050 (mm)	-	-	-	13,13	19,70	26,26	32,83	39,39	52,52	65,65	78,78	

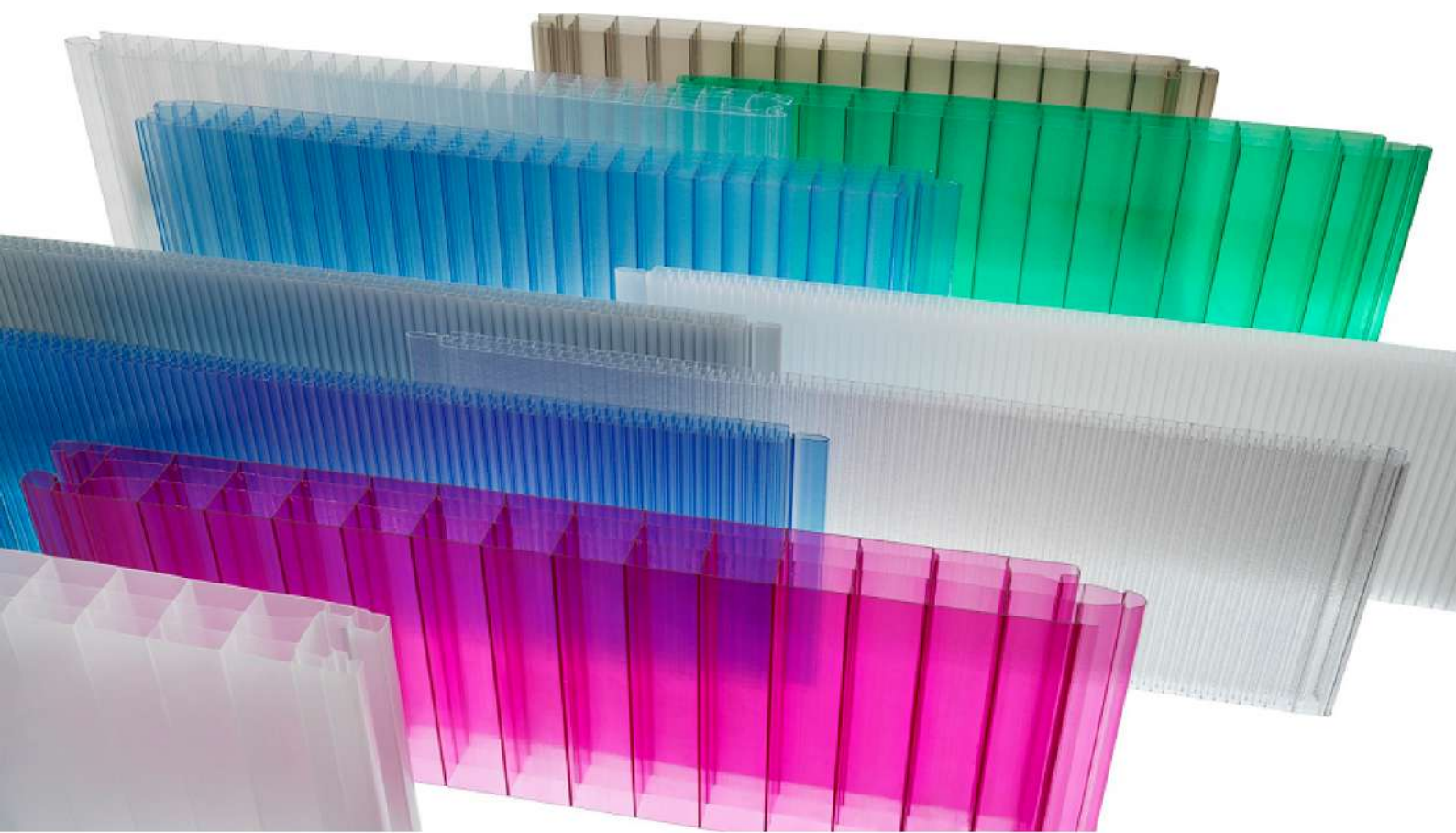




ABOUT PRODUCT

Polycarbonate modular systems

Multiwall polycarbonate interlocking modular systems provide excellent thermal insulation, durability and versatility of use. Lightweight modular systems work well in various climatic and weather conditions. Polycarbonate panels are available in variety thickness types, cell structures and are provided with a particular tongue and groove interlocking system which allows the installation without using any joining elements.





TOP BENEFITS

Panels have a number of advantages when it comes to simplicity and flexibility of installation. The panels are connected and fixed between the sheets, so no additional connections are required.

- ✓ Lightweight
- ✓ Easy to handle
- ✓ Excellent light transmission
- ✓ Thermal isolation
- ✓ Greater outdoors resistance
- ✓ Improve appearance



APPLICATIONS



Multiwall polycarbonate interlocking modular systems are an innovative solution for use in architecture in the exterior and interior, where a system of translucent walls is required.

- ✓ Continuous skylight
- ✓ Vertically glazed facades
- ✓ Cladding and partitioning
- ✓ Greenhouses
- ✓ Terraces
- ✓ Sports stadiums



ABOUT PRODUCT

Corrugated Polycarbonate Sheet

The translucent corrugated polycarbonate sheets are produced in various shapes and sizes, flat or curved, in corrugated or waved form and in various colors and different thickness, with single-, double-wall and other structures.





TOP BENEFITS

It is very durable, as it has a high degree of wear resistance due to stiffening ribs, has good resistance to accidental impacts and bad weather (temperature changes, hail).

- ✓ High impact resistable
- ✓ Excellent light transmission
- ✓ Flexible
- ✓ Lightweight
- ✓ Weatherable & UV resistant
- ✓ Simplicity of fitting



APPLICATIONS



Due to such qualities as a high level of strength and transparency, wave polycarbonate is widely used in industrial, commercial and agricultural constructions.

- ✓ Industrial and farm rooflights
- ✓ Fences in urban infrastructure
- ✓ Coverings and partitions
- ✓ Terraces, outdoor awnings
- ✓ Canopies
- ✓ Pool coverings



ABOUT PRODUCT

Profiles for Multiwall polycarbonate sheets

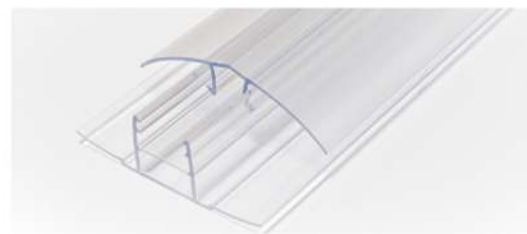
The use of profiles affects the durability, strength, reliability and aesthetics of the construction. Their main task is not only to connect and fasten the sheets, but also to protect the ends of the panels from deformation and ingress of moisture and debris, which will allow the finished product to keep transparency and attractive appearance for many years. All polycarbonate profiles have a special UV protective layer applied by co-extrusion.





PRODUCT RANGE

NAME OF PRODUCT	SIZE	LENGTH	COLOR
End profile UP	4mm	2.1m	Transparent / Bronze
End profile UP	6mm	2.1m	Transparent / Bronze
End profile UP	8mm	2.1m	Transparent / Bronze
End profile UP	10mm	2.1m	Transparent / Bronze
End profile UP	16mm	2.1m	Transparent / Bronze
End profile UP	25mm	2.1m	Transparent / Bronze
Connective unsplit profile HP	4-6mm	6m	Transparent / Bronze
Connective unsplit profile HP	8mm	6m	Transparent / Bronze
Connective unsplit profile HP	10mm	6m	Transparent / Bronze
Connective unsplit profile HP	16mm	6m	Transparent / Bronze
Connective split profile HCP base	6-10mm	6m	Transparent / Bronze
Connective split profile HCP cover	6-10mm	6m	Transparent / Bronze
Connective split profile HCP base	16mm	6m	Transparent / Bronze
Connective split profile HCP base	25mm	6m	Transparent / Bronze
Connective split profile HCP cover	16-25mm	6m	Transparent / Bronze
Line trim profile FP	4-6mm	6m	Transparent / Bronze
Line trim profile FP	8-10mm	6m	Transparent / Bronze
Ridge profile RP	4-6mm	6m	Transparent / Bronze
Ridge profile RP	8-10mm	6m	Transparent / Bronze
Angle profile FCP	4-6mm	6m	Transparent / Bronze
Angle profile FCP	8-10mm	6m	Transparent / Bronze





ABOUT PRODUCT

Accessories for Multiwall polycarbonate sheets

The use of accessories allows to protect the material from moisture and scratches, as well as extend the service life of the finished product.

Thermowashers are used for high-quality and durable fastening of polycarbonate sheets to the frame, ensuring tightness and plasticity of the connection, as well as an aesthetic appearance of the structure.

The perforated end tape protects the ends of the polycarbonate sheet facing downwards from moisture, dirt, dust and insects, while the perforated structure allows the condensate to evaporate and escape outside.

The sealing end tape protects the ends of the polycarbonate sheet, directed upwards or horizontally, from moisture, dirt, dust and insects, has high moisture resistance and tensile strength.



PRODUCT RANGE

NAME OF PRODUCT	SIZE	LENGTH	COLOR
Perforated end tape	25 / 38mm	25 / 50m	Gray
Sealing end tape	25 / 38mm	25 / 50m	Gray
Thermowasher	Ø 38 mm	-	Any color





STANDARDIZED PRODUCTS PACKAGING ON PALLETS

Multiwall polycarbonate sheets

NUMBER OF SHEETS ON PALLET (units)

Sheet sizes (mm)	Sheet thickness						
	4mm	6mm	8mm	10mm	16mm	20mm	25mm
1050x2000	250	180	130	100	-	-	-
2100x6000 (7000)	160	105	80	65	40	30	25

PALLET HEIGHT (mm)

Sheet sizes (mm)	Sheet thickness						
	4mm	6mm	8mm	10mm	16mm	20mm	25mm
1050x2000	1190	1270	1230	1190	-	-	-
2100x6000 (7000)	830	850	830	830	830	790	815

Solid PC, GPPS, PETG, PMMA sheets

NUMBER OF SHEETS ON PALLET (units)

Sheet sizes (mm)	Sheet thickness											
	*0.5mm	0.6mm	1mm	1.5mm	2mm	3mm	4mm	5mm	6mm	8mm	10mm	12mm
1250x2050	400	400	200	130	100	80	60	50	40	30	24	20
2050x3050	-	-	-	80	60	40	30	25	20	15	12	10
*2050x6110	-	-	-	-	40	30	20	16	15	10	8	7

NUMBER OF SHEETS ON PALLET (sq.m.)

Sheet sizes (mm)	Sheet thickness											
	*0.5mm	0.6mm	1mm	1.5mm	2mm	3mm	4mm	5mm	6mm	8mm	10mm	12mm
1250x2050	1025	1025	512.5	333.13	256.25	205	153.75	128.13	102.50	76.88	61.50	51.25
2050x3050	-	-	-	500.2	375.15	250.1	187.58	156.31	125.05	93.79	75.03	62.53
*2050x6110	-	-	-	-	501.02	375.77	250.51	200.41	187.88	125.26	100.20	87.68

PALLET HEIGHT (mm)

Sheet sizes (mm)	Sheet thickness											
	*0.5mm	0.6mm	1mm	1.5mm	2mm	3mm	4mm	5mm	6mm	8mm	10mm	12mm
1250x2050	430	430	390	385	390	430	430	440	430	430	430	430
2050x3050	-	-	-	310	310	310	310	315	310	310	310	310
*2050x6110	-	-	-	-	270	280	270	270	280	270	270	274

* - For solid polycarbonate sheets only



ABOUT US

Stages of development of the Ultraplast EU

Our company in Latvia, SIA Ultraplast EU, was founded in 2017. It all started with the distribution of Multiwall polycarbonate sheets.

Throughout 2017-2019, the company successfully sold plastic sheets on the European market, constantly expanding the geography of sales. Regular deliveries were carried out to Latvia, Lithuania, Estonia, Poland, Hungary, Czech Republic, Romania, Germany, Italy, Benelux, Finland and other countries.

In 2019, it was decided to organize the production of plastic sheets in Latvia, in the city of Ventspils, and in 2020, a building project with an area of 4200 sq.m. was developed and construction began.

In 2021, we officially opened our own factory in Latvia and started producing sheets of Solid Polycarbonate, Acrylic (PMMA), PETG, Polystyrene (GPPS) and PC Profiles. In 2022, the installation of a new advanced extrusion line allowed us to launch the production of Multiwall Polycarbonate sheets.

SIA Ultraplast EU is a fast developing young company that has successfully established itself among customers, with big plans for the future.

We appreciate our partners for their trust and always show flexibility in resolving all incoming issues about the terms of the deal, production and delivery.

WE WILL BE GLAD TO SEE YOU AMONG THE CLIENTS OF OUR COMPANY!



CONTACTS

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