PERSPEX® ACRYLIC MARINE APPLICATIONS

MARINE GLAZING

The outstanding performance of PERSPEX® acrylic means that no matter where you are heading, PERSPEX® acrylic will always get you there, providing marine glazing that is stronger and more durable than ever before. Here are a few reasons why:

- **Exceptional optical clarity.**
- **Excellent weather and UV resistance.** PERSPEX® cast sheet offer a very great UV resistance to sunlight which will allow your selected colour to stay the same for years to come and will allow to maintain its unique mechanical properties.
- **Seawater resistant.** As opposed to other transparent materials like PS, SAN and XT acrylic sheet, PERSPEX® cast acrylic is sea water resistant.
- **Lightweight.** PERSPEX® cast acrylic is 2.5 times lighter than glass. It helps to reduce the total weight and has a positive impact on the sustainability of yachts, sailing ships and recreation boats.
- **Easy to fabricate**. PERSPEX® acrylic can be easily processed in CNC routing and milling, it can also be easily laser cut, thermoformed, line bent, etched, and polished.
- **Shock and flex resistant**. The outstanding performance of PERSPEX® acrylic means that no matter where you are heading, PERSPEX® will always get you there.

So whether you are sailing through mid-Atlantic storms or enjoying the summer breeze at bays of the Mediterranean Sea, the versatile nature of PERSPEX® acrylic makes it an incredibly practical material. Some typical examples of where PERSPEX® acrylic is used include windshields, portholes, deck windows, sliding doors, design elements, etc.

RANGE	COLOUR	CODE	LT%	THICKNESS (MM)	SIZE (MM)
Clear	Clear	000	92%	2/ 3/ 4/ 5/ 6/ 8/ 10/ 12/ 15/ 20/ 25	3050 x 2030
Easy Machining Grade	Opal	1H01	34%	8/ 10/ 12	3050 x 2030
	Neutral	9H04	35%	8/ 10/ 12	
Glass Look	Green	6T21	90%	3/ 5/ 6/ 8/ 10	3050 x 2030
Transparent Colours & Tints	Brown	5T02	60%	MTO	3050 x 2030
	Brown	5T18	60%	MTO	
	Brown	5T22	18%	MTO	
	Brown	5T32	64%	MTO	
	Green	6T08	82%	MTO	
	Green	6T22	49%	MTO	
	Blue	7T22	3%	MTO	
	Blue	7T74	58%	MTO	
	Neutral	9T01	46%	MTO	
	Neutral	9T04	38%	MTO	
	Neutral	9T13	54%	3/ 5/ 6/ 8	
	Neutral	9T20	36%	3/ 5/ 6/ 8	
	Neutral	9T21	68%	MTO	
	Neutral	9T23	13%	8	
	Neutral	9T27	41%	MTO	
	Neutral	9T37	46%	MTO	
	Neutral	9T38	2%	MTO	
	Neutral	9T3B	50%	MTO	
	Neutral	9T40	48%	MTO	
	Neutral	9T56	46%	6/ 8/ 10/ 12/ 15/ 18	
	Neutral	9T60	50%	MTO	
	Neutral	9T63	21%	MTO	
	Neutral	9T7B	42%	MTO	

*MTO: make-to-order. Please ask for details of minimum order quantities and lead-times for all PERSPEX® make-to-order/ custom products.
If you require a different colour or thickness, all colours can be made to match your personal specifications.
If there is a need for higher impact resistance, all materials would be available as PERSPEX® Impact Modified products based on batch quantities.
For more details, please contact our sales team.

INTERIOR DESIGN

Whilst the range of available tints and the optical clarity of PERSPEX® acrylic are perfectly suitable for glazing, its remarkable toughness, light weight and ease of fabrication mean it's also ideal for a whole range of other applications:

- Dash boards
- Doors
- Tables / seats
- Cladding elements / Splashbacks
- Kitchen worktops and cupboard doors
- Bathrooms

Different colours, different textures and different finishes, - PERSPEX® acrylic is ready to meet any customer needs.

PRODUCT RANGE	COLOUR	CODE	LT%	THICKNESS (MM)	SIZE (MM)
Opals/ Whites	Opal	069	9%	3/ 4/ 5/ 6/ 8/ 10/ 12 / 15/ 20	3050 x 2030
Solid & Transluscent Colours	Cream	1584	< 1	MTO	3050 x 2030
	Cream	1586	< 1	MTO	
	Cream	1589	< 1	MTO	
	Cream	1590	< 1	MTO	
	Black	9T30	0%	3/ 5/ 6/ 8	
Frost	Crystal Clear	S2 000	85%	3/ 4/ 5/ 6/ 8/ 10/ 15[1]	3050 x 2030
	Polar White	S2 030	60%	3/ 4/ 5/ 6/ 8/ 10/ 15[1]	[1]3000 x 2000
	Glacier Green	S2 6T21	82%	3/ 5/ 8	
Impressions Linear	Green	P1 6T21	86%	3/ 5	3050 x 2030
Naturals	Moonlight White	S2 1T41	3%	3/ 5	3050 x 2030
	Midnight Black	S2 9221	0%	3/ 5	
	Mineral Grey	S2 9643	0%	3	
Pearlescent	Pearl	1PY1	20%	3	3050 x 2030
	Candy	4PY5	6%	3/ 4/ 5/ 6	
Duo	Gold	5YY9	0%	3	2030 x 1270
	Silver	9YY1	0%	3	

LIGHTING

PERSPEX® Light collection is specifically optimised for LED ceiling panels, capable of lighting up any space in either domestic, commercial or industrial areas. Lighting on sailing yachts or motor boats is not an exception. PERSPEX® acrylic offers products for different luminaire design construction; edge lit and back lit, as well as a reflector sheet.

For any further information, please visit www.display.3acomposites.com/perspex/

PRODUCT RANGE	COLOUR	CODE	LT%	THICKNESS (MM)	SIZE (MM)
Spectrum LED	Opal	1TL1	36%	3/ 4/ 5	3050 x 2030
	Opal	1TL2	48%	3/ 5	
Diffuse	Opal	D2 DF60	60%	2.5	3050 x 2030
	Opal	D2 DF70	70%	2.5	
	Opal	D2 DF80	80%	2/ 2.5	
Edge	Opal	E03B	**	4/ 5/ 6	2550 x 1800
	Opal	E06B	**	4/ 5/ 6	

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** Please contact us for more information on light transmission for use in edge illuminated light guide applications.