

Spyro Plastics Ltd.

13 Kibutz Galuyot St.
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Israel

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Delivery Program – Spyrex™ - PMMA (Acrylic) sheet

Spyrex™ - PMMA (Acrylic) sheet is as clear as glass, lightweight, rigid and weather resistant. Spyrex™ is the perfect solution where both clarity and strength are needed.

The advantages of Spyrex™ are:

- Excellent optical clarity (92% light transmission)
- Much stronger than glass
- Lightweight – less than half the weight of glass
- High service temperature
- Weather resistance
- Inherent UV protection
- Chemical resistance
- Good thermal insulation
- Easily machined, thermoformed or cemented

Leading Applications:

Lighting fixtures, Signs, Glazing, Roofing, Bus shelters
Telephone booths, Skylights, Sound Barriers.

Standard products

Spyrex™ is deliverable in the thicknesses 2-8 mm,
the standard dimensions are 2050mm x 3050mm, 1250mm x 2050mm.

It is available in the following colors:

- Clear transparent
- Opal white with 30% light transmission
- Opal white with 50% light transmission
- Opal white with 70% light transmission
- Diffuser with 80% light transmission
- Transparent bronze color
- Transparent grey color

Tolerances:

Length and Width: -0 / + 3 %

Thicknesses for 2-8 mm: +/- 5%

Packing: sheets are covered both sides with PE protective film

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Special products

All products of the standard delivery program are also available in special colors, finishes and dimensions.

Special colors

Special color requests could be matched by sample or a the RAL-color number with light transmission value.

Minimum order: 3,000 kg

Special Finishes

Non reflex (Matte)

Embossed (Cracked ice)

Minimum order: 2,000 kg

Special Dimensions

Specific dimensions can be cut to sizes up to

Max length: 6000mm

Max thickness: 12 mm

Minimum order: 650 kg

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**Calculation table – Spyrex™**

Thickness in mm	size in mm	m ² /sheet	kg/m ²	kg/sheet	kg/palette	sheets per palette
2	2050 x 1250	2.56	2.38	6.09	609.00	100
	2050 x 3050	6.25		14.88	1042.00	70
3	2050 x 1250	2.56	3.57	9.14	594.10	65
	2050 x 3050	6.25		22.31	1115.50	50
4	2050 x 1250	2.56	4.76	12.19	609.50	50
	2050 x 3050	6.25		29.75	1190.00	40
5	2050 x 1250	2.56	5.95	15.23	609.20	40
	2050 x 3050	6.25		37.19	1115.70	30
6	2050 x 1250	2.56	7.14	18.28	548.40	30
	2050 x 3050	6.25		44.63	1115.75	25
8	2050 x 1250	2.56	9.52	24.37	609.25	25
	2050 x 3050	6.25		59.50	1190.00	20
10	2050 x 1250	2.56	11.90	30.46	609.20	20
	2050 x 3050	6.25		74.38	1115.70	15
12	2050 x 1250	2.56	14.28	36.56	548.40	15
	2050 x 3050	6.25		89.25	892.50	10

All information, recommendation or advice in this document, is given to the best of Spyro Plastics knowledge. Spyro Plastics can not be held responsible for any loss incurred through incorrect use of the products. Spyro Plastics reserves the right to modify any specifications without prior notice.