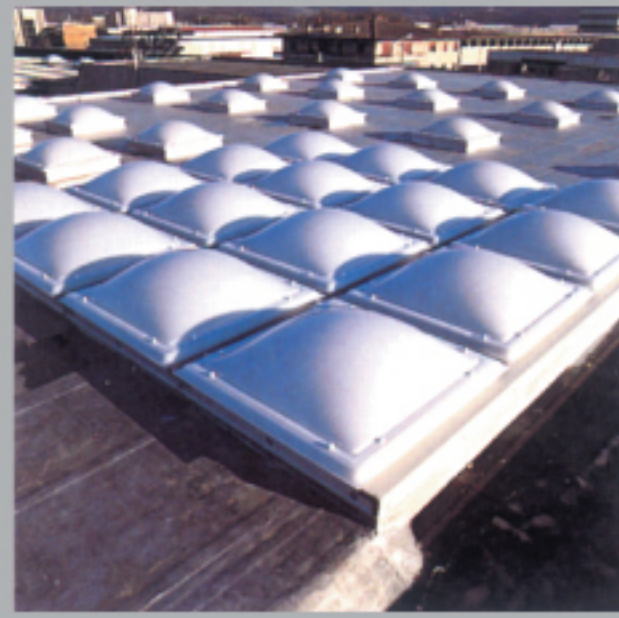
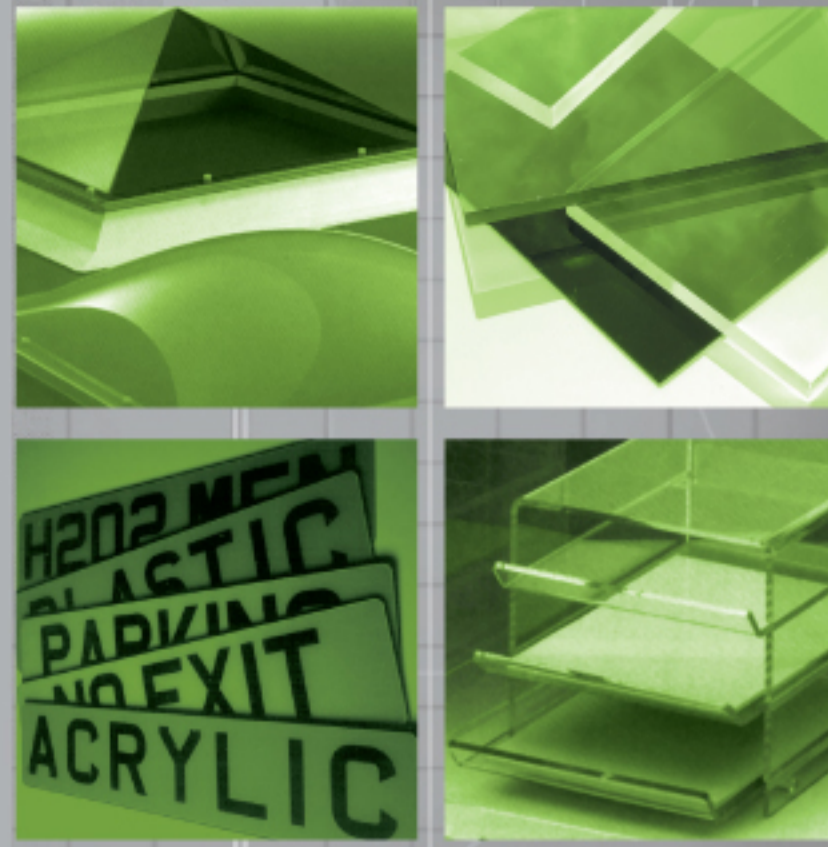


## Properties of Plazcryl Sheets

General Properties	Test Method	Units	Values
Specific Gravity	ISO R1183	g/cm <sup>3</sup>	1.19
Refractive Index	ISO R489		1.49
Light Transmission	ASTM D1003	%	92
Izod Impact Strength	ISO R180	kJm <sup>2</sup>	1.5
Tensile Strength	ISO R527	Mpa	72
Flexural Strength	ISO R178	Mpa	110
Flexural Modulus	ISO R178	Mpa	3300
Rockwell Hardness	ASTM D785	M-scale	95
Flammability	UL94		HB
Vicat softening point (50°C/h 50N)	ISO R306	°C	103
Coefficient of Thermal Expansion	ASTM D696	1/°C	6.5E-5



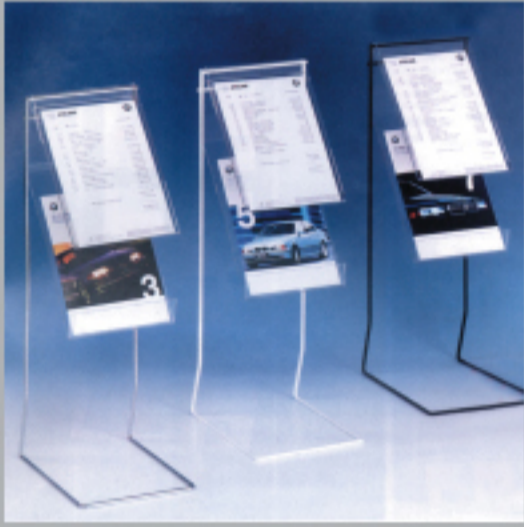
www.plazit.com



The information and recommendations in this publication are, to the best of our knowledge, reliable. Users should perform their own tests to determine the suitability of these products for their own particular purposes.

## Remarks

- ◆ Tolerance of dimensions and thickness are in accordance with ISO Standards
- ◆ All sheets are covered with a protective polyethylene film on both sides.
- ◆ Embossed sheets are covered with polyethylene film on one side only.
- ◆ For further information please contact our distributors or Plazit 2001 directly.



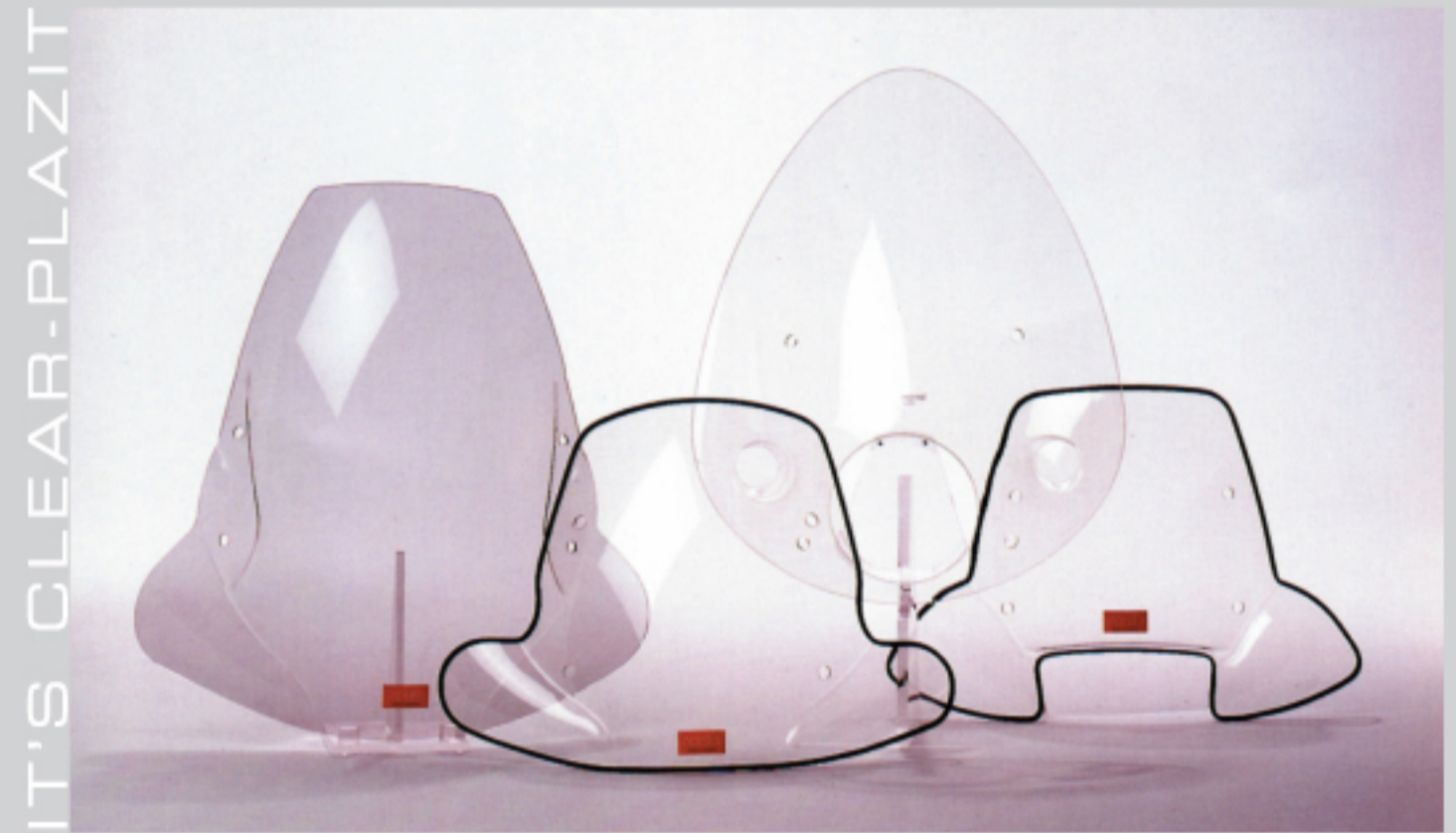
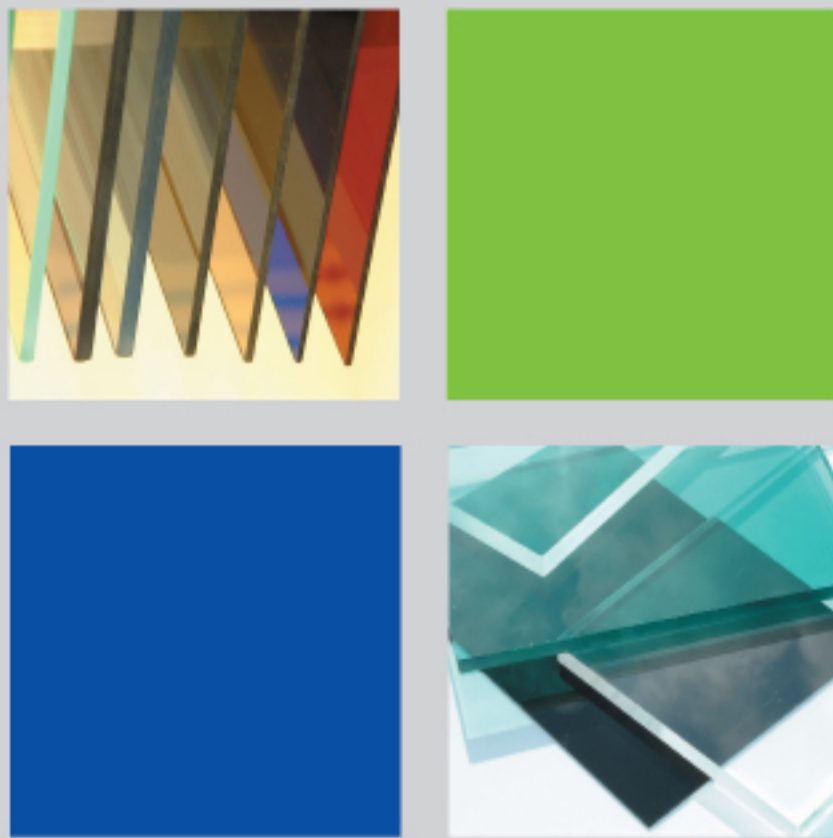
**PLAZIT**  
2001

Kibbutz Gazit, D.N. Yizreel, 19340, Israel, Tel: 972-4-6628888, Fax: 972-4-6765784, E-mail: plazit@plazit.com  
www.plazit.com

**PLAZCRYL**  
Extruded Acrylic Sheets

**PLAZIT**  
2001

Plastic Solutions



## PLAZCRYL Extruded Acrylic Sheets

Plazcryl Acrylic sheets provide an excellent balance of transparency, durability and weather resistance making them the obvious choice for a wide range of applications.

### Qualities

Highly transparent, 92% light transmission  
Excellent colour stability  
10 year limited warranty  
Half the weight of glass  
Proven weather resistance  
Easily thermoformed  
Suitable for a wide range of uses  
Easy to recycle

### Applications

Glazing  
Lighting  
Sky lights  
Greenhouses  
POP Display stands  
Interior decoration  
Furniture  
Signage  
Terrace roofing  
Construction  
Noise reduction barriers

### Colours

Transparent	Red
White Opal	Shades of Blue
White Opaque	Black
Ivory	Diffuser
Shades of Brown	Fluorescent colours
Shades of Grey	Frosty
Shades of Green	

### Size Range

Thickness: 1.50 mm - 30.00 mm  
Width: 1000 mm - 2140 mm  
Length: 500 mm - 8000 mm

Sheets are also available cut to size according to customer requirements.

### Embossed Sheets Sizes Embossed Sheets

Cracked Ice	Thickness: 2.00 mm - 6.00 mm
K12 Prismatic	Width: 600 mm - 1500 mm
Pinspot	Length: 1000 mm - 6000 mm
Aqua	
Master carré	



## Grades of Sheets

### Plazcryl Super - High Impact Acrylic sheets

Plazcryl Super sheets are an excellent alternative to Polycarbonate, offering extremely high impact resistance at a lower price. Plazcryl Super sheets come in 4 different levels of impact resistance so you can choose the most suitable option for your requirements.

#### Applications

Telephone booths  
Car number plates  
Noise Reduction Barriers  
Motorcycle shields  
Bus shelters

#### Plazcryl Super Sizes

Thickness: 1.50 mm - 15.00 mm  
Width: 1000 mm - 2140 mm  
Length: 500 mm - 8000 mm

#### Colours

Transparent	Grey
Ivory	Green
Opal	Blue
Brown	

### Plazcryl UV Transmission Sheets

A special grade of sheet produced especially for use when UV transmission is required.

#### Sizes:

Thickness: 1.50 mm - 20.00 mm  
Width: 1000 mm - 2140 mm  
Length: 500 mm - 8000 mm

#### Colours:

Transparent

### Plazcryl Non Reflective Sheets

Made for use in picture glazing. Prevent reflection of light and fading of the picture.

#### Sizes:

Thickness: 1.25 mm - 3.00 mm  
Width: 600 mm - 1500 mm  
Length: 500 mm - 6000 mm

