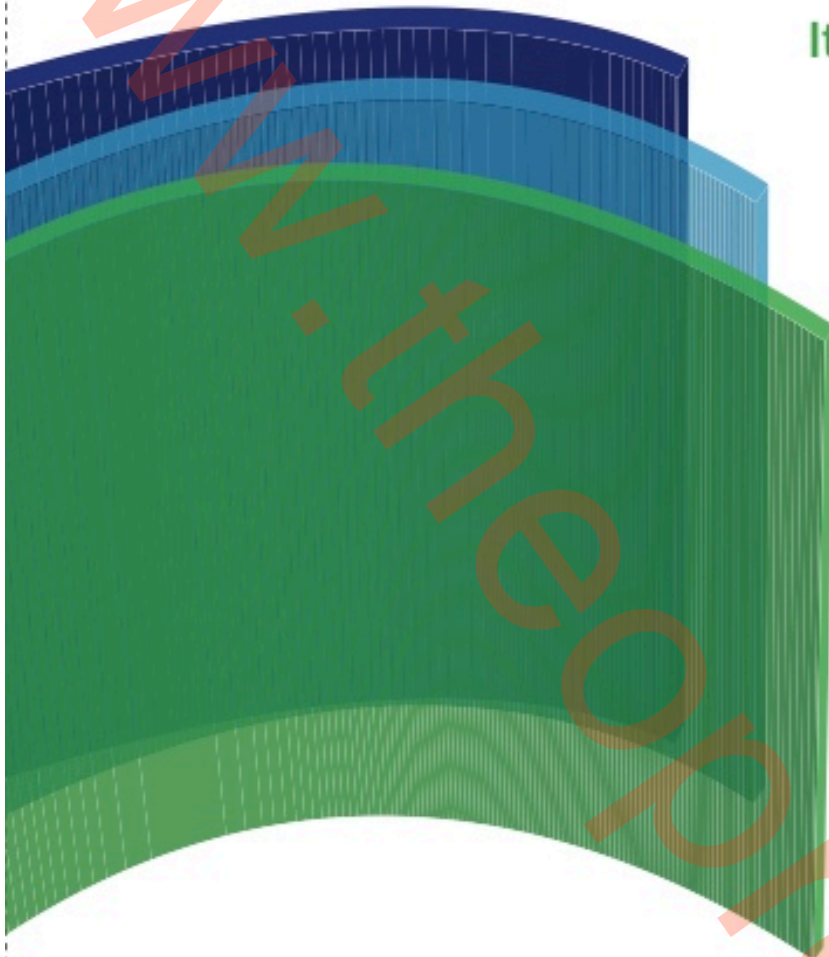




www.plazit.com

Plazit was founded in 1973 and has since increased in size and capacity to become a significant factor in the worldwide plastics industry. Today Plazit 2001 has plants in Israel, Bulgaria and Spain.

It's Clear Plazit!



PLAZCRYL

High Quality Extruded Acrylic Sheets

PLAZCAST

High Quality Cast Acrylic Sheets

Benefits

- Highly Transparent, 92% light transmission
- Low Haze <1%
- Excellent colour stability
- Ten year limited warranty
- Proven weather resistance
- Easily thermoformed and machined
- Easily glue bonded
- Cold curving capability
- Half the weight of glass
- Scratched surface easily reshaped
- Recycle 100% after use
- No carcinogenic or hazardous substances
- REACH certification
- Food approved
- Friendly to the environment
- Non toxic fumes emitted in fire
- Fires can be easily extinguished with water

Applications

- Glazing
- Curtain walls
- Noise reduction barriers
- Lighting
- Sky lights
- Thermoforming
- POP Display stands
- Interior decoration
- Furniture
- Signage

PLAZCRYL

High Quality Extruded Acrylic Sheets

Colours

Transparent, White Opaque, Opal and Diffusers, Black Opaque, shades of Green, Brown, Grey, Blue & Red, Fluorescent colours, Frosty

PLAZCRYL – dimensions –

Thickness: 1.5 mm to 30mm
Widths: 1000, 1220, 2050mm,
Length from 500 mm to 8000 mm

Optical grade, Thickness: 0.5mm to 4.5 mm, Width up to 1220mm, Lengths from 500mm to 8000mm. Sheets are also available cut to size, according to customer requirements

Embossed Sheets patterns in:

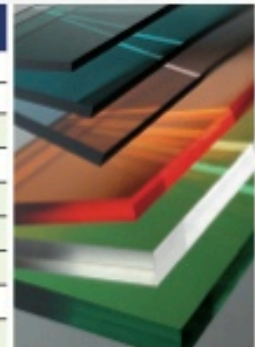
Cracked Ice, K-12 prismatic, Pinspot, Aqua, G-tec, Lizard & customer designs

Grades of PLAZCRYL Sheets:

PLAZCRYL SUPER
PLAZCRYL Non Reflective
PLAZCRYL UV BLOCK
PLAZCRYL IR SOLAR
PLAZCRYL ACOUSTIC
PLAZCRYL TOP (Thin Optical Sheets)

Property Values

General Properties	Units	Method	Plazcryn XT		Plazcryn Super	
			R7000	R7700	R7500	R7600
Specific gravity	g/cm ³	ISO 1183	1.19	1.19	1.18	1.17
Optical Properties						
Total Light transmission	%	DIN 5036-3	92	92	92	91
Refractive index		ISO 489	1.49	1.49	1.49	1.49
Water absorption	%	ISO 62 (1)	0.3	0.3	0.3	0.3
Mechanical Properties						
Tensile Strength	MPa	ISO 527-2	72	57	50	40
Elongation at break	%	ISO 527-2	4	22	30	40
Tensile Modulus	MPa	ISO 527-2	3300	2450	2100	1700
Flexural Strength	MPa	ISO 178	106	88	79	62
Flexural Modulus	MPa	ISO 179	3350	2470	2100	1800
Rockwell hardness	M-scale		95	77	68	44
Impact resistance - Izod notched	KJ/m ²	ISO 180/1A	1.5	4	5	6.3
Flammability	class	UL-94	HB	HB	HB	HB
Thermal Properties						
Temp. of deflection under load 1.8 Mpa	°C	ISO 75-1	95	92	90	83
Coefficient of linear thermal expansion - parallel	mm/meter 1/°C	ISO 11359	0.065	0.07	0.1	0.11
Vicat softening temperature (50 N)	°C	ISO 306	103	99	97	90
Recommended Continuous Service Temperature	°C		70	65	63	62
Recommended Maximum Temperature / Short time	°C		91	86	81	74



PLAZCRYL SHEETS are all produced in accordance with ISO 7823-2 standard.

PLAZCAST SHEETS are all produced are in accordance with ISO 7823-1 standard.

All sheets are covered with a polyethylene film on both sides.

Acrylic sheets for noise barrier applications EN 1793-1 and 2, certificated, CE mark. Available in designer's colours.

PLAZIT is ISO 2001 certified

Plazit 2001

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