

# ICEPLEX



the magic of colour



# colours – shapes – variety

ICEPLEX is a high-quality, double-sided cast acrylic glass with versatile design possibilities for high visual demands. Its scratch-resistant surface guarantees a long durability. The smooth light scattering creates the special valuable character of this material that emotionally touches its spectator. Sizes up to 3050 x 2030 mm with a gauge up to 20 mm are available.



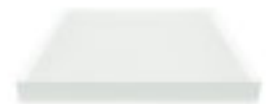
GS 1901 light blue



GS 1502 honey yellow



GS 1503 orange



GS 1000 clear



GS 1902 blue



GS 1802 green



GS 1401 red



GS 2000 ice white



GS 1903 dark blue



GS 1801 light green



GS 1402 dark red



GS 1701 brown



GS 1601 anthrazit

## material properties

material	cast acrylic glass – Polymethylmethacrylat (PMMA)
compressive strength	Rockwell hardness test according to ISO 2039-2: M-Skala: 105
food safety	ICEPLEX products can be used in direct contact with food. PMMA complies with the requirements of the EU-directive 2002/82/EC
fire protection	EU-category E (B2)
range of temperature application	permanent service temperature up to 80° C, short-time temperature up to 90° C
environmental impact	ICEPLEX does not contain any toxic substances or heavy metals, it is water-insoluble and recyclable
resistance to UV radiation	suited for outdoor-use, 10 year warranty
thermic expansion/contraction	ICEPLEX will expand and contract with fluctuations in temperature. The coefficient of linear expansion is 0,07 mm/m° C: Allowances should be made especially in framed applications
processing	suitable for all conventional processing technologies (sawing, drilling, polishing, imprinting etc.) as well as for thermoforming and vacuum forming

## Advantages at a glance:

- excellent resistance to weather and aging, breaking resistant
- highly transparent (colourless sorts are 89 % translucent)
- outstanding surface quality
- wide variety of processing possibilities, thermic plasticity
- suited for perfect bonding with special adhesives
- applicable up to 80° C

## available sizes

standard sheet size	2030 mm x 3050 mm
width	up to maximum 2030 mm
length	up to maximum 3050 mm
gauge	3/4/5/6/10 mm on stock, further gauges and special colours upon demand