

PLEXIGLAS® Hi-Gloss C1 & C2: Coloured acrylic sheets with a piano lacquere effect

PLEXIGLAS® Hi-Gloss sheet are made of acrylic containing colored or special-effect pigments. The sheet are provided with an additional perfectly smooth, high-gloss layer of clear transparent PLEXIGLAS® that enhances the colors or special effects and makes them glow even brighter.

All colors in the PLEXIGLAS® sales range (Silver, Interference, Gold, Metallic and Multicolor Pigments) are suitable for high-gloss, eye-catching applications.

Hi-Gloss C1 grades have a colored acrylic layer on one side and a clear-transparent PLEXIGLAS® core. Hi-Gloss C2 grades have a colored acrylic core and are coated on both sides with a layer of clear-transparent PLEXIGLAS®.

Both grades of acrylic sheet are obtained by a coextrusion process that permanently fuses up to three independent melt streams of high-quality PLEXIGLAS®

Properties

In addition to the typical properties of PLEXIGLAS® such as:

- Excellent light transmission and brilliance
- Very high weather resistance
- Ease of fabrication
- High surface hardness
- Low weight – half the weight of glass
- 100% recyclability
- 11 times the impact strength of glass



All PLEXIGLAS® Hi-Gloss grades offer the following special characteristics:

- High gloss
- Deep-view color effect.

As additional properties, PLEXIGLAS® Hi-Gloss C1 offer:

- Resistance to high and low temperatures
- Resistance to wet/dry cycling
- Resistance to chemicals
- Resistance to alternating wet-dry air cycling
- Good resistance to stress cracking.



Applications

- Kitchens (alcove paneling)
- Baths and spas (shower partitions)
- Living rooms (wall design)
- Interior design (hotels, restaurants, office)
- Exhibition booths, furniture, store fixtures
- Façade construction
- Displays
- Lampshades
- Area lighting or luminous displays (only applies to Hi-Gloss C2).