



XINTAO ACRYLIC



XINTAO ACRYLIC

Address: 11Th Floor, Tower G1, Galaxy World, Wuhe Ave., Bantian, Longgang, Shenzhen, China

Tel: +86-75-28227622

Fax: +86-75-28227522

Email: sales@xintaocrylic.com Web: www.xintaogroup.cn

Web : www.xintaogroup.cn
WhatsApp : +86-18218746981

Production bases



Production strength



XINTAO GROUP has 5 production base, it has dust-free plant, casting plant, extruded plant production line, total manufacturer over 360,000m². The annual production capacity exceeds 120,000 tons which can meet the client's demanding both in domestic and overseas market. XINTAO adopt the new production line over 30 from overseas to enhance its product quality and production. Import the MES manufacturing execution system, the whole manufacture processing controlled by machine, offering the high quality and stable product.

Company Profile

XINTAO was founded in 2001. It is a national high-tech enterprise focusing on the R&D, production and sales of polymer materials. It is also a leading brand in the acrylic industry. The group has five production bases: Anhui Xintao Optoelectronics Technology Co., Ltd., Longnan Xintao Acrylic Technology Co., Ltd., Dongguan Xintao Plexiglass Co., Ltd., Huizhou Xintao Optoelectronics Technology Co., Ltd., and Changzhou Xintao Optoelectronics Technology Co., Ltd. The plant covers an area of 360,000 square meters. There are more than 1500 employees. The annual production capacity exceeds 120,000 tons. A national high-tech enterprise and a leading brand in the acrylic industry.

XINTAO has strong technical research and development strength. XINTAO has jointly established a post-doctoral scientific research workstation with many well-known universities, and the research and development projects have achieved fruitful results. So far, it has more than 100 invention and utility model patents. It has successively been approved as a national high-tech enterprise, a provincial champion enterprise of specialization, precision and special innovation, a provincial enterprise technology center, and an Anhui famous brand product.

The sales volume of Xintao's products ranks first in the country, and the group attaches great importance to overseas markets. Since opening up overseas markets, sales have increased year by year. More than 30% of Xintao's output is exported overseas, serving more than 100,000 customers in more than 120 countries and regions around the world. Annual sales reach more than 200 million. Xintao is not only a leading enterprise in the industry, but also a leading enterprise going abroad to the world.

Test & Certificates

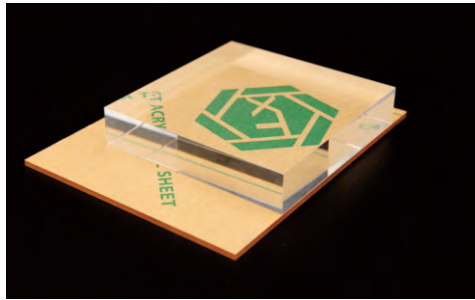
MAIN PRODUCTS

• CAST ACRYLIC SHEET

Cast acrylic, is manufactured by a process whereby MMA (Methyl Methacrylate monomer) liquid is pumped into a mould made from two sheets of glass. The mould/monomer is then submerged in warm water and the process of polymerization takes place.

Features:

Casting is more labor intensive, making it more expensive. Casting yields a harder, sturdier, and more homogenous product. Casting lends greater chemical resistance over extrusion, making it the preferred material for uses involving fragrance, lotions, or other solvents. Available in a broad range of standard and custom colors for a variety of applications, cast acrylic is more pliable than extruded, less likely to bend, chip, or melt during milling.

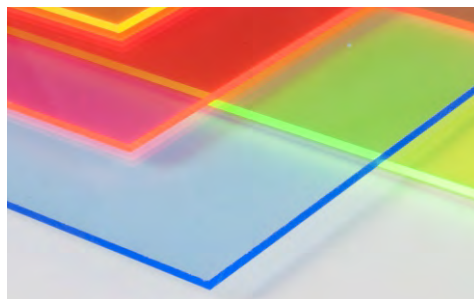


• EXTRUDED ACRYLIC SHEET

Extrusion is a continuous manufacturing production method where acrylic monomers are first heated then fed through barrels where the chemical process occurs. As a result, extruded acrylic is heterogeneous with properties that may vary depending upon the direction of extrusion.

Features:

Extruded acrylic costs less than cast and is more dimensionally stable, meaning the thickness is more consistent across sheets. Softer, with a lower melting temperature than in its cast form, extruded acrylic is easier to laser cut, rout, and polishes more cost-effectively. Extruded acrylic is less susceptible to dirt, lint, or particulate contamination in the production process. Additionally, because of its lower melting point, it is better suited to cementing and thermoforming.



MAIN PRODUCTS

• POLYSTYRENE SHEET

Polystyrene (PS) plastic is a naturally transparent thermoplastic that is available as a typical solid plastic. PS plastic is commonly used in a variety of consumer product applications and is also particularly useful for commercial packaging.

Features:

Polystyrene is typically (but not always) a homopolymer meaning that it is composed only of the monomer styrene in combination with itself. A major useful attribute about thermoplastics is that they can be heated to their melting point, cooled, and reheated again without significant degradation. Instead of burning, thermoplastics liquefy, which allows them to be easily injection molded and then subsequently recycled.

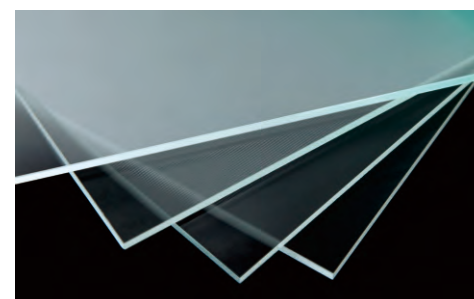


• LIGHT GUIDE PLATE

XINTAO® Light Guide Plate employs UV screen printing or laser dotting technology on optical PMMA sheet which is manufactured in the condition of constant temperature, humidity and dust free environment. PMMA is extremely transparent, highly weather resistant, and lasts longer than 10 years on average. On the bottom of the panel a matrix of lines can be etched, called V-Cutting, dots can be printed, a combination of both, or particulates are added into the panel itself. The purpose of all methods is to direct light out the front.

Features:

The unique optical design and special fineness of processing provide a high-luminance surface light emission which is smooth and even, while maintaining safety because the light emission surface itself does not become hot, whilst easily installed and maintained.



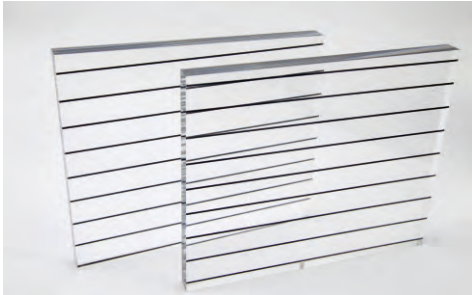
MAIN PRODUCTS

• ACRYLIC SOUND BARRIER

Sound barriers with transparent elements prevent the tunnel effect that is tiring for drivers, and provide a better view of the road, without casting shadows on the highway or neighboring plots. Noise control barriers made with XINTAO® acrylic combine functionality and good looks with protection for nearby residents.

Features:

Sound Barrier/Noise Barrier panels are a UV stable performance acrylic which effectively mitigates noise. This material is sound-insulating, impact-resistant, and highly transparent. It provides wind protection to help meet these requirements. All sheets can be provided with various functional surfaces for specific applications, such as bird protection. Other options include transparent and translucent or opaque panels.



• LIGHT DIFFUSER SHEET

With great light transmission plus UV resistance, acrylic lighting panels are the industry touchstone for LED and fluorescent light diffusion. Break resistant yet easy to cut-to-size, acrylic lighting panels reduce glare, provide pinpoint brightness and enhance visual comfort.

Features:

Acrylic light diffuser controls the brightness of harsh lighting to create a soft lighting effect. They can also protect lighting fixtures from dust and help conserve energy by providing more even lighting that reduces the need for additional fixtures.



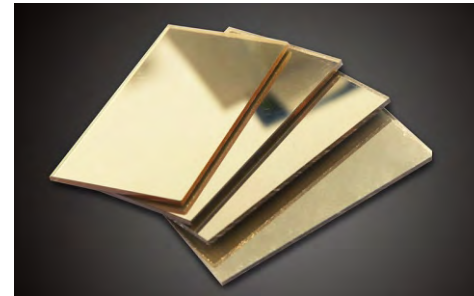
MAIN PRODUCTS

• MIRROR SHEET

Acrylic mirror sheet is a lightweight thermoplastic sheet material used in a wide range of applications. It is a perfect material to use where glass is too heavy or can easily shatter. It is a durable substitute for traditional mirrors and replaces the glass.

Features:

Acrylic sheet are shatter-proof, resistant to clouding and easier to clean which make them longer lasting and safer. Acrylic mirror can weather impact 10 times greater than the infinitely more delicate and fragile glass counter-part.



• POLYCARBONATE SHEET

Polycarbonate sheets are those that have replaced glass and acrylic in various applications because of their numerous benefits. These sheets are available in a variety of qualities and thicknesses. When compared to glass, they are much lighter in weight, yet durable, and resistant to breakage and cracks.

Features:

Polycarbonate are so light weight yet durable. This makes them very easy to handle, transport and install. Therefore, the costs involved with the labour and transportation are competitively low. Polycarbonate are resistant to impact and any kind of damage. Therefore, these sheets can be used in areas that are prone to stone, hail, rain, wind, storm and snow. Even in the worst case of breakage, these sheets do not produce harmful shards like glass.

