



Custom Acrylic Light-Transmitting Stone Curtain Wall – JAFFA Design Plastic

Our Product Introduction

Basic Information

- Minimum Order Quantity: 5set
- Price: Negotiable
- Packaging Details: Wooden box packaging, cardboard box packaging
- Delivery Time: 7-10 work days
- Payment Terms: L/C,D/P,T/T
- Supply Ability: 500sets/Year



Product Specification

- Material: PMMA
- Standard Size: Customizable
- Color: Customizable
- Service: OEM/ODM
- Application: Mall/Restaurant/Office/Home/Exhibition/Guar



Product Description

At JAFFA Design Plastic, we redefine architectural elegance with **custom acrylic light-transmitting stone curtain walls**—innovative, durable, and visually striking solutions that merge the timeless allure of natural stone with the modern versatility of high-performance acrylic. Our bespoke curtain walls are engineered to elevate commercial buildings, luxury residences, and public spaces, creating immersive, illuminated environments that captivate and endure.

Key Product Highlights

- Premium Acrylic Construction:** Crafted from high-grade acrylic, our light-transmitting stone curtain walls offer exceptional light transmission, UV resistance, and impact strength. This ensures long-lasting beauty and performance, even in harsh outdoor conditions, while delivering a soft, diffused glow when illuminated.
- Bespoke Design & Sizing:** From sleek, minimalist facades to bold, artistic installations, we customize every dimension, shape, and finish to align with your project's unique vision. Whether you need a large-scale commercial facade or a compact decorative partition, we deliver a tailored solution that fits perfectly.
- Extensive Material Selection:** We offer **hundreds of material options**, including a wide spectrum of acrylic colors, textures (matte, glossy, frosted), and stone-inspired patterns to match your design aesthetic and functional requirements.
- End-to-End Custom Service:** Our team manages the entire process—from initial design consultation and 3D modeling to precision manufacturing and professional installation. We handle every detail, ensuring a seamless, stress-free experience from concept to completion.

Why Choose JAFFA?

As a trusted leader in design plastic solutions, JAFFA combines technical expertise, premium materials, and a customer-centric approach to deliver curtain walls that elevate any space. Our installations are not just architectural elements—they're functional works of art that enhance curb appeal, improve energy efficiency, and create immersive, light-filled environments. Whether you're designing a modern office complex, a luxury residential development, or a public landmark, we have the solutions to bring your vision to life.

Ready to transform your space with a custom acrylic light-transmitting stone curtain wall? **Contact our team today** to discuss your project, explore material options, and receive a personalized quote. Let JAFFA Design Plastic turn your vision into a durable, stunning reality.

Comparison	Acrylic (PMMA)	Glass	Core Advantage Comparison
Material Characteristics	Organic glass, polymer, light in texture	Inorganic non-metallic material, hard texture and high brittleness	Acrylic has strong toughness and is not easy to break; glass has high hardness but is fragile
Density/Weight	About 1.2g/cm³, only 1/2 of glass	About 2.5g/cm³, heavy in weight	Acrylic is lighter, easy to carry, install and hang
Light Transmittance	Transparent acrylic transmittance ≥92%, soft light, no refracted light spots	Ordinary glass transmittance is about 85-90%, tempered glass is slightly lower, and light is easy to refract	Acrylic has better light transmittance, suitable for display and decoration scenarios
Impact Resistance	Impact resistance is 10-15 times that of glass, not easy to break, and no sharp fragments after breaking	Poor impact resistance, easy to break when hit, sharp fragments, easy to hurt people	Acrylic is safer, suitable for children's scenarios, outdoor and high-frequency contact scenarios
Processing Difficulty	Easy to process, can be cut, engraved, polished, spliced and thermoformed, with high customization flexibility	High processing difficulty, special equipment is required for cutting and engraving, and it is not easy to do special-shaped and thermoforming processing	Acrylic has high customization freedom and can meet complex shape requirements
Weather	High-quality acrylic is UV-resistant, not easy to yellow and age, and can	Ordinary glass has good weather resistance, but it is easy to accumulate dust	Acrylic is suitable for long-term outdoor use and easier to maintain

Comparison Scenario	Acrylic (PMMA)	Glass	Core Advantage Comparison
Service Life	be used outdoors (UV-resistant layer is required)	can weather outdoors for a long time, and tempered glass may self-explode	
Discount	Unit price is higher than ordinary glass, lower than tempered glass and special glass; discounts are available for bulk customization	Ordinary glass has low cost; tempered glass and special glass (such as bulletproof glass) have high cost	Acrylic has better cost performance than special glass in mid-to-high-end customization scenarios
Maintenance Difficulty	Easy to scratch, can be repaired by polishing, and can be wiped with a soft cloth daily	Not easy to scratch, but cannot be repaired after breaking, and needs to be replaced as a whole	Acrylic has low maintenance cost, can be repaired after scratching, and glass has high replacement cost after breaking
Scenarios	Custom display stands, nameplates, decorative parts, lamp shades, outdoor billboards, children's products, storage boxes, etc.	Doors and windows, curtain walls, mirrors, laboratory utensils, high-end decorations (such as art glass), etc.	Acrylic is preferred for customized, lightweight and high-safety scenarios; glass is preferred for high-hardness, low-cost regular scenarios

FAQ:

1. What information is needed to customize acrylic products?

Core requirements need to be provided: product purpose, size (length * width * height, accurate to mm), thickness, color, surface process (such as screen printing patterns, engraving content), edge treatment method, customization quantity and delivery time; for special-shaped parts or complex shapes, CAD drawings, clear renderings or physical samples are required to accurately restore the requirements.

2. How long is the service life of acrylic products?

Indoor use: The service life of high-quality acrylic products (with UV-resistant layer) can reach 8-15 years, not easy to yellow and age; Outdoor use: With UV-resistant layer, the service life can reach 5-8 years; if there is no UV-resistant layer, long-term exposure to the sun may cause yellowing and embrittlement. It is recommended to choose UV-resistant materials for outdoor scenarios.

3. Can scratched acrylic products be repaired?

Yes, they can be repaired. For minor scratches (such as small scratches), acrylic special polishing agent can be used, and polished with a soft cloth to restore luster; for deeper scratches (scratch depth > 0.5mm), mechanical polishing and grinding can be used, and the appearance is basically not affected after repair; if the scratch is too deep and the area is too large, it is recommended to replace the part.

4. What is the minimum order quantity for customized acrylic products? How long does it take to make samples?

The minimum order quantity is 1 piece, supporting small-batch customization; the sample production cycle is 3-5 working days. If it involves complex processes (such as multi-color screen printing, special-shaped thermoforming), the sample cycle can be extended by 1-2 working days. The sample fee can be deducted after bulk ordering (specifically negotiable).

5. Compared with glass, why is acrylic more suitable for customization scenarios?

There are 3 core advantages: High customization flexibility, which can easily realize complex processes such as cutting, engraving, thermoforming and splicing, and can restore various special-shaped and personalized shapes, while glass is difficult to process and not easy to do complex customization; High safety, not easy to break, no sharp fragments after breaking, suitable for children's scenarios, outdoor and high-frequency contact scenarios; Light texture, easy to carry and install, especially suitable for large customized parts (such as outdoor billboards, large display stands), reducing installation costs and risks.

6. Can discounts be enjoyed for bulk customization? How long is the production cycle?

Yes, discounts can be enjoyed. For bulk customization (≥ 50 pieces), a certain unit price discount can be given according to the quantity and process complexity; the more the quantity, the greater the discount. The bulk production cycle is 5-15 working days, which is specifically adjusted according to the customization quantity and process difficulty. Urgent orders can negotiate to shorten the cycle (an urgent fee is required).

7. Can acrylic products be used outdoors? Will they fade or yellow?

Yes, they can be used outdoors, but acrylic materials with UV-resistant layer must be selected. High-quality UV-resistant acrylic can effectively block ultraviolet rays, avoiding yellowing, embrittlement and fading caused by long-term exposure to the sun; if ordinary acrylic (without UV-resistant layer) is used, it will turn yellow and fade within 3-6 months of long-term outdoor exposure, affecting the appearance and service life. Therefore, UV-resistant treatment must be indicated for outdoor scenarios.

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8. Can the design scheme be modified for customized products? Will there be additional charges for modifications?

Before production (raw materials not cut or processed), the design scheme can be modified 1-2 times for free; if the number of modifications exceeds 2 times, or the scheme is modified after processing (such as cutting, screen printing) has started, a certain rework fee or raw material loss fee will be charged according to the modification difficulty and raw material loss. It is recommended to confirm the scheme before starting production.



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