



Custom Acrylic Outdoor Light-Transmitting Stone – 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



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Product Specification

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



Product Description

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JAFFA Acrylic Outdoor Translucent Stone is a custom-designed translucent landscape product tailored for urban landscapes, real estate showrooms, and public art installations. Crafted from high-weatherability, texture-rich acrylic panels through precision heat bending and LED backlighting, we create landscape installations that blend natural stone textures with transparent light transmission, ideal for landscape sculptures, water feature walls, night light installations, and landmark art.

- Natural Texture:** Acrylic surfaces replicate marble, jade, granite, and other natural stone textures. Translucent design delivers a warm, glowing effect under light, combining the solidity of stone with the lightness and versatility of acrylic.
- Durable Protection:** Imported UV-resistant acrylic provides outstanding weatherability, resisting wind, rain, and sun exposure to prevent yellowing, cracking, or fading over long-term outdoor use with minimal maintenance.
- Artistic Expression:** Integrated LED backlighting/side-lighting enables single-color, gradient, and dynamic lighting effects, transforming landscape installations into natural-textured features by day and urban night-time art focal points by night, enhancing spatial aesthetic value and recognition.

Product Attributes

- Materials:** High-weatherability acrylic (PMMA) + aluminum alloy/stainless steel frames; acrylic thickness options: 8mm–30mm
- Processes:** Heat bending, laser cutting, texture replication, LED backlighting/side-lighting, surface coating
- Texture Effects:** Marble, jade, granite, iridescent, custom exclusive textures
- Applications:** Landscape sculptures, water feature walls, night light installations, landmark art, real estate showrooms
- Structural Forms:** Flat, curved, custom shapes (based on CAD drawings)

Customization Parameters Table

Parameter	Options/Specifications
Acrylic Thickness	8mm / 10mm / 12mm / 15mm / 20mm / 30mm
Single Panel Dimensions	Max 3000mm * 2000mm; larger spans available via panel splicing
Design Shapes	Flat, curved, wavy, geometric assembly, custom shapes (based on CAD drawings)
Texture Replication	Marble, jade, granite, iridescent, custom exclusive textures replicated from natural stone samples
Lighting Configurations	LED backlighting/side-lighting (single-color/RGB), color temperature 3000K–6500K, smart dimming and linked scenes
Wind Resistance	Designed to regional requirements; up to Category 12 typhoon resistance (with reinforced custom structures)
Construction Period	Small landscape installations: 15–20 days; large art installations: 30–45 days (assessed by size and complexity)

Frequently Asked Questions (FAQ)

- What are the advantages of acrylic outdoor translucent stone over natural stone?** Acrylic translucent stone is 1/3 the weight of natural stone, making transportation and installation easier. It also enables translucent effects for unique night-time landscapes with LED lighting, offers superior weatherability to prevent cracking or weathering, and has lower maintenance costs.
- What is the lifespan of acrylic translucent stone?** Using imported UV-resistant acrylic, our translucent stone maintains color stability, texture, and light transmission for over 10 years in normal outdoor conditions. Lifespan may vary based on local climate and maintenance practices.
- What is the lifespan and maintenance cost of the LED lighting system?** High-quality LED strips have a lifespan of over 50,000 hours and operate on low-voltage, safe power supplies. Modular strip design ensures easy maintenance and replacement at low cost.
- Do you provide nationwide installation services?** We have a professional installation team offering on-site measurement, design, and installation nationwide. For overseas projects, detailed installation guides and technical support are provided.
- How should acrylic outdoor translucent stone be cleaned and maintained?** For daily cleaning, use a soft cloth with a neutral detergent. Avoid abrasive tools or cleaners containing grinding agents to prevent surface scratches. Metal frames can be maintained

with rust-preventative oil, and LED lighting systems require care to avoid liquid ingress into light channels.



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