

**ViviMuse Painterly** glass consists of one patterned interlayer laminated between two lites of glass. This artistic collection celebrates the expressive nature of painting with patterns derived from original hand-produced artwork created by our design team.

**Material Description**

ViviMuse Painterly glass is defined by three parameters that are key to product specification:

| Parameter            | Description  | Page |
|----------------------|--|------|
| <b>Configuration</b> | Configuration refers to the amount of light transmitted—or not—through the glass. To a large extent, the glass configuration is determined by the end use of the glass. ViviMuse Painterly glass is available in one configuration: Reflect. | 2    |
| <b>Interlayer</b>    | Interlayers serve as the primary visual aspect of the glass. ViviMuse Painterly interlayer patterns come alive in highly original compositions of gesture, color and motion.   | 3-10 |
| <b>Finish</b>        | Finishes define the surface appearance of your glass by providing different levels of diffusion, reflectivity, glare and optical distortion. ViviMuse Painterly glass is available in three finishes: Standard, Pearlex+, and Opalex.        | 11   |

**Products & Applications**

ViviMuse Painterly glass can be used in the F+S Systems listed below or specified as loose lites for custom applications.

| F+S Systems  | Loose Lites   |
|--|---|
| <ul style="list-style-type: none"> <li>• LEVELr Wall Panel &amp; Column System</li> <li>• LEVELe Wall Panel &amp; Column System</li> <li>• LEVELr Elevator Interiors</li> <li>• LEVELe Elevator Interiors</li> <li>• LEVELc-2000 Elevator Interiors</li> </ul> | <p>Processing options include polished edges, tempering, notches, cutouts and pattern cuts. ViviMuse Painterly can be specified in any size up to 60" x 120" (1524 mm x 3048 mm). Glass can be made to fit a flat or curved profile. Curved profiles are subject to certain limitations.</p> <p>ViviMuse Painterly glass lites can be used with commonly available glass hardware components to address a wide range of glass mounting and installation scenarios.</p> <p>Products are manufactured to specification and provided cut to size and ready to install.</p> |

## Glass Characteristics

| Aspect                     | Description   |
|----------------------------|---|
| <b>Environment</b>         | Suitable for interior and exterior applications.  |
| <b>Safety</b>              | Available in annealed, tempered or heat strengthened glass. We recommend heat strengthening for glass over 50 square feet. Tempering is required for glass with holes and cutouts.  |
| <b>Fire Rating</b>         | Class A fire rated in accordance with ASTM designation E84-09, standard test method of surface burning characteristics of building materials. The foregoing test procedure is comparable to UL 723, ANSI/NFPA No. 255, and UBC No. 8-1.             |
| <b>Routine Maintenance</b> | Requires minimal maintenance: with decorative treatment inside the glass, rather than surface-applied, glass surfaces are easy to clean. Additional details can be found in the Architectural Materials Care & Maintenance document on our website. |

## Specification Parameters

As summarized on page 1, ViviMuse Painterly glass is defined by three parameters that are key to product specification: configuration, interlayer pattern, and finish. The information below and on the following pages goes into more detail about each.

### Configuration

Configuration refers to the amount of light transmitted—or not—through the glass. To a large extent, the glass configuration is determined by the end use of the glass.

### Reflect



Reflect is a single-sided configuration that consists of an interlayer between a transparent lite of glass and a reflective glass backer.

Typical Applications: Reflect is ideal for applications where the glass will be installed against another surface, for example, in LEVELr, LEVELe and LEVELc-2000 Elevator Interiors, LEVELr and LEVELe Wall Panel & Column Systems, or custom fabrications.

(Configuration shown: ViviMuse Painterly, Reflect, Jubilee)

## Interlayer Patterns

ViviMuse Painterly glass is available in the standard interlayer patterns shown on pages 4-10. Each highlights a different approach to painting and mark-making and is derived from original hand-produced artwork created by our design team. Each pattern is available in both horizontal and vertical orientations. All patterns are 120x180" and can be scaled in numerous ways to achieve artistically original end results.

## Customizing Pattern Colors

Colors are integral to each standard pattern, but customization is an option. For customization, we start by desaturating the standard pattern to reveal the underlying greyscale values. After which, we apply the single custom color of your choice to the pattern to achieve the final results. You can select any Pantone, Benjamin Moore or Sherwin Williams color.



Standard pattern



Desaturated pattern



Custom color example

## Customizing Pattern Scale

ViviMuse Painterly glass patterns can be scaled and rotated in any number of ways through the Zoom Digital Darkroom, our interactive design tool available on our website.

**Standard Pattern: Jubilee**

Jubilee is an ode to festivity. Like confetti in the air, the pattern is a celebration of hue and gesture in a composition with a vibrant joie de vivre. Pattern origin: Made using acrylic paint, a paint brush, and a palette knife on paper



Full pattern spanning (3) 60x120" glass panels

60"



1:1 Detail

**Custom Color Example**

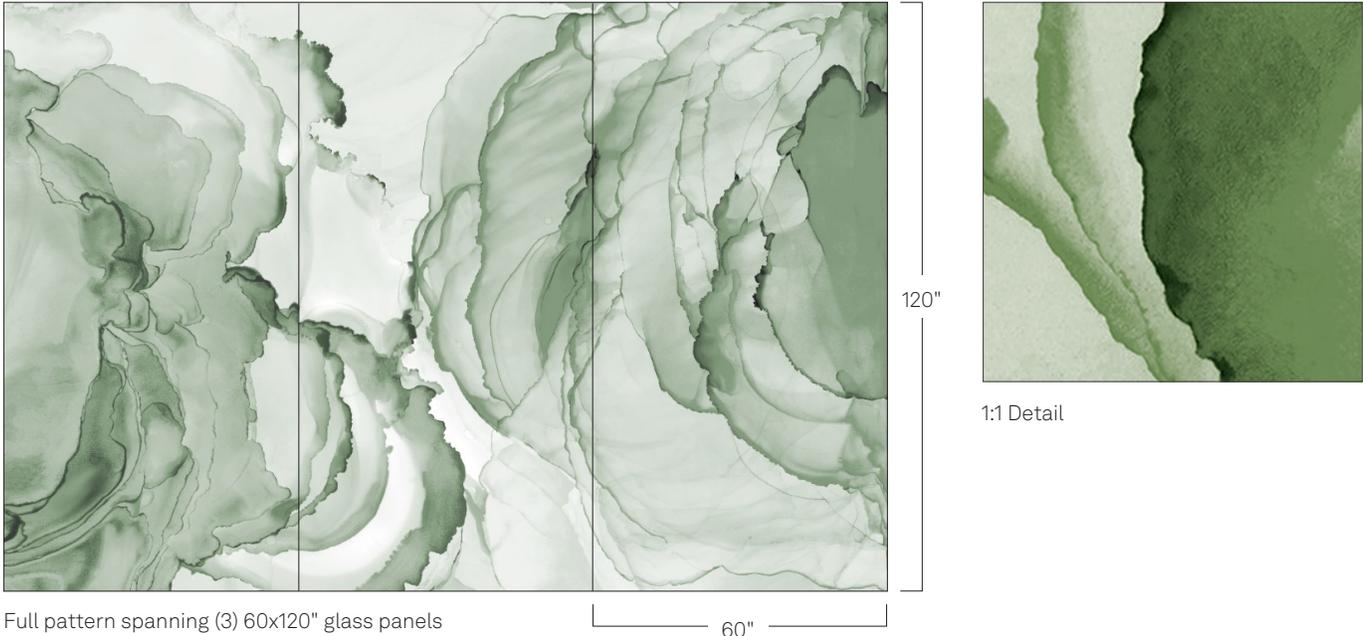


Full pattern spanning (3) 60x120" glass panels

**Standard Pattern: Nebula**

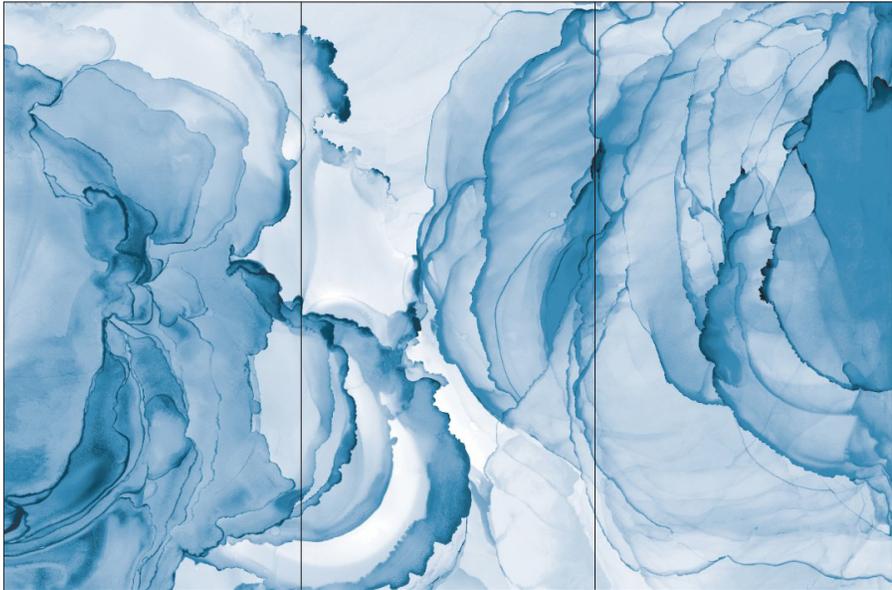
Nebula blooms outwards and upwards with waves of pigment that evoke cumulous clouds in a summer sky, the organic curvature of lichen, or ripples unfurling across a lake.

Pattern origin: Made using alcohol ink blown across sheets of paper to create blossoming rings of color



Full pattern spanning (3) 60x120" glass panels

**Custom Color Example**



Full pattern spanning (3) 60x120" glass panels

**Standard Pattern: Passage**

Passage blends a spectrum of light and dark textures with tumbling layers of solitary color. Chalky plains of pigment create a dense composition that propels the imagination forward.

Pattern origin: Made using acrylic paint, charcoal, and a paint brush on paper



1:1 Detail

Full pattern spanning (3) 60x120" glass panels

60"

**Custom Color Example**



Full pattern spanning (3) 60x120" glass panels

**Standard Pattern: Port**

Port evokes a shipyard on the horizon, in between an inky ocean and a vast sky. Textured forms silhouetted against the illusion of a bustling cityscape serve as an invitation to come – or go.

Pattern origin: Made using acrylic paint, charcoal, and a paint brush on paper



Full pattern spanning (3) 60x120" glass panels



1:1 Detail

**Custom Color Example**

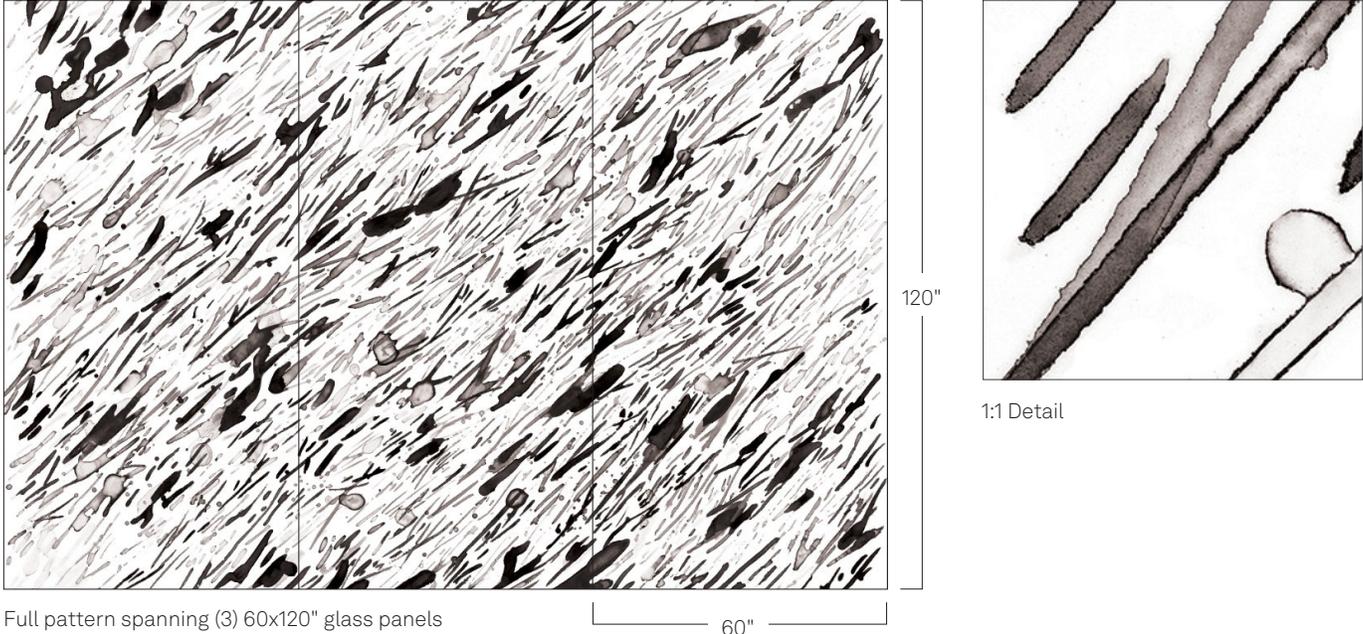


Full pattern spanning (3) 60x120" glass panels

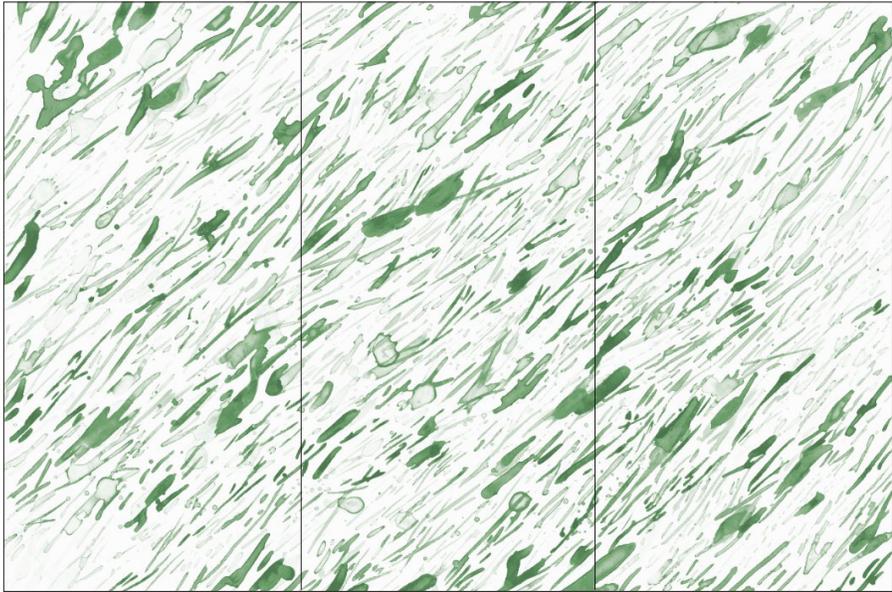
**Standard Pattern: Spritz**

Spritz pays homage to the watery marks of calligraphy. Puddles of Sumi ink scattered across a plain are gestural and expressive, the momentum of the artist's wrist evident in each brushstroke.

Pattern origin: Made using Sumi ink and a paintbrush on paper



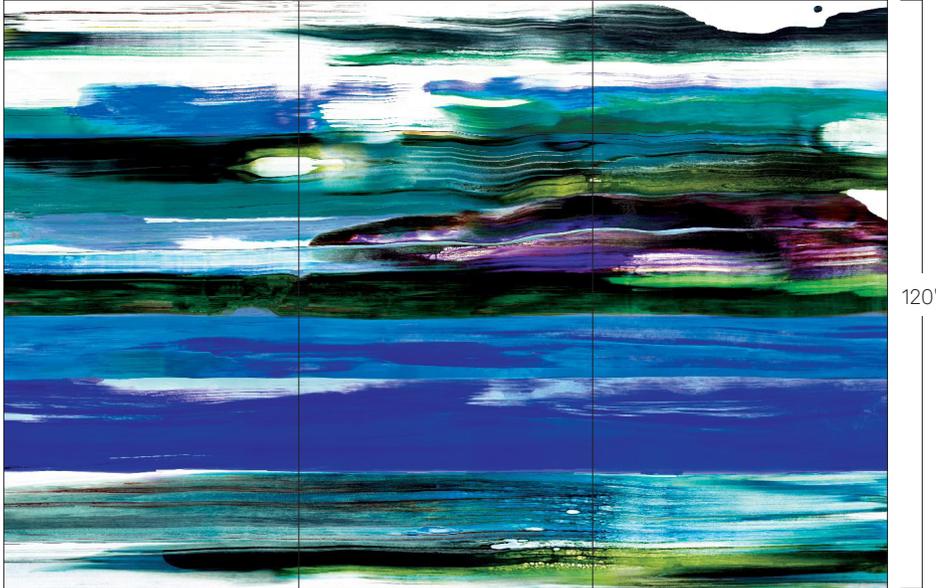
**Custom Color Example**



Full pattern spanning (3) 60x120" glass panels

**Standard Pattern: Stream**

Stream compresses pigment in a singular motion from left to right and is reminiscent of a rugged stream flowing boldly under the night sky. Pattern origin: Made using acrylic paint and palette knife, dragged across paper



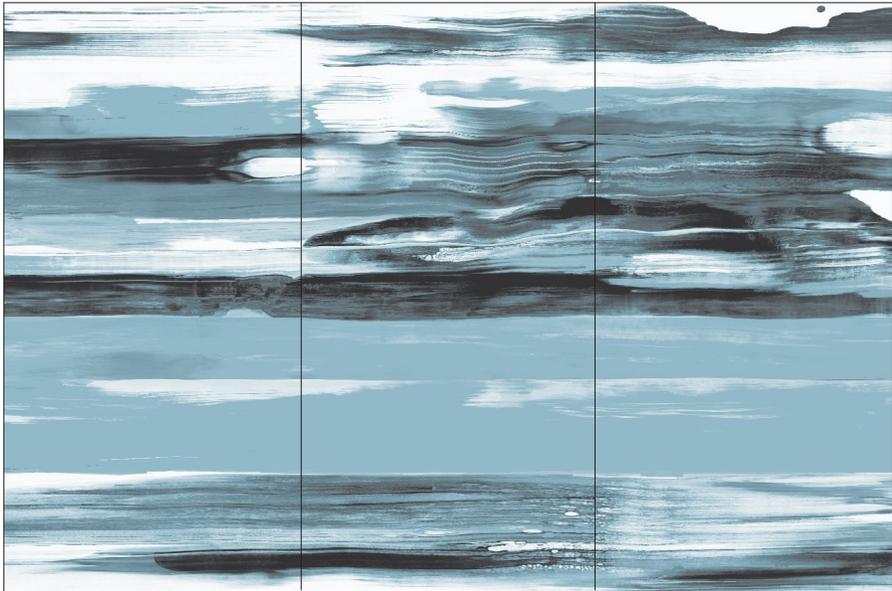
Full pattern spanning (3) 60x120" glass panels

60"



1:1 Detail

**Custom Color Example**

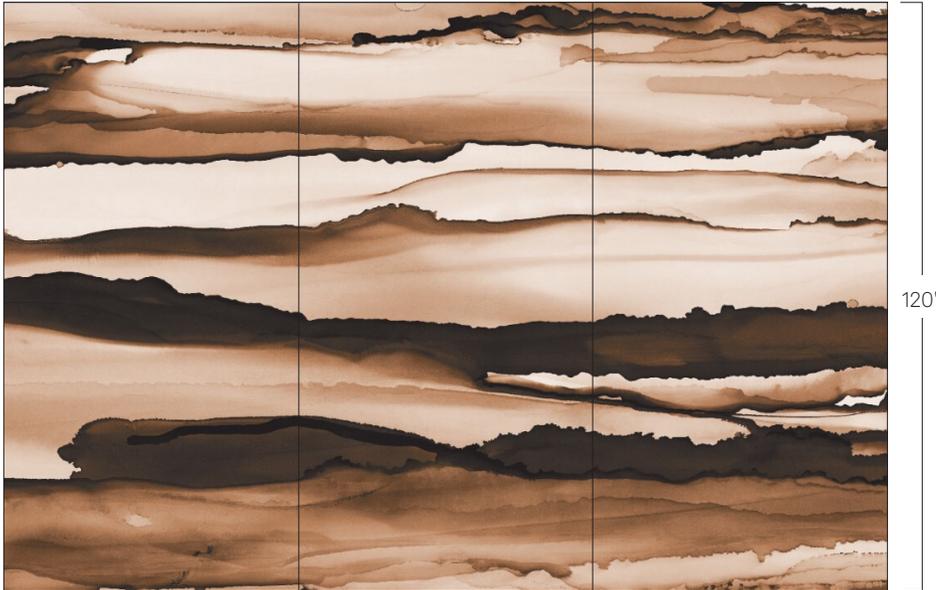


Full pattern spanning (3) 60x120" glass panels

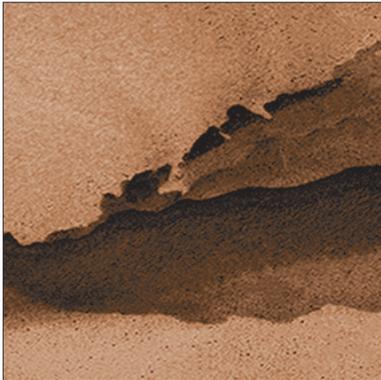
**Standard Pattern: Vista**

Vista honors the grand landscapes of wild, untamed Earth in a composition equally reminiscent of mesas in the high desert and foggy mountain peaks bathing in dawn light.

Pattern origin: Made with alcohol ink on paper, tilted so ink drips across the page to create parallel layers

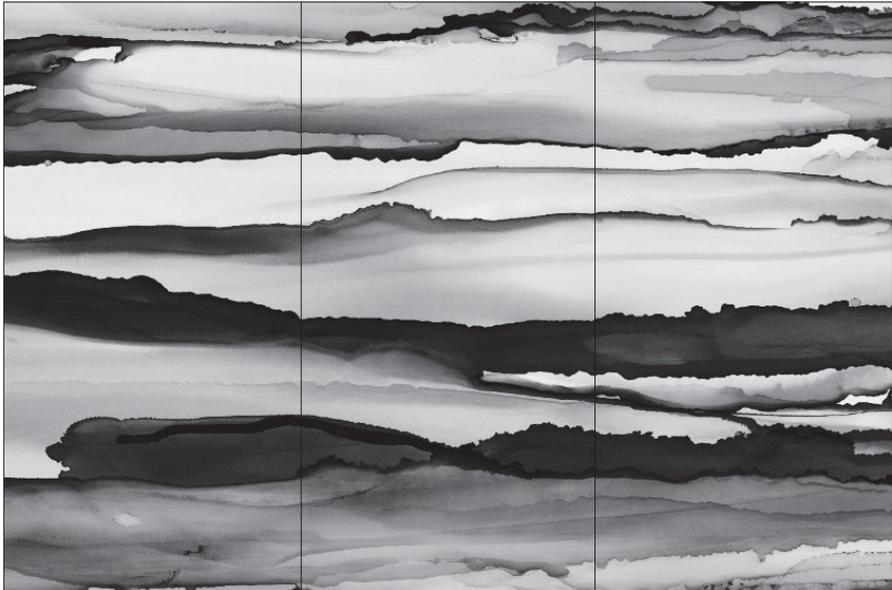


Full pattern spanning (3) 60x120" glass panels



1:1 Detail

**Custom Color Example**



Full pattern spanning (3) 60x120" glass panels

## Finish Options

Glass finishes define the surface appearance of your glass. As described below, the different options vary in levels of diffusion, reflectivity, glare, and optical distortion and provide different solutions for meeting individual project needs.

### Standard



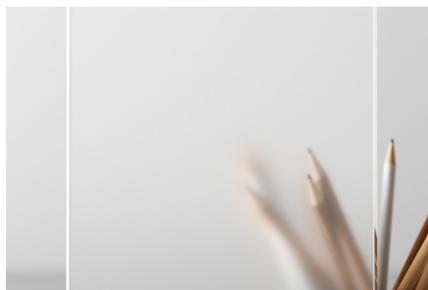
**Surface:** Smooth  
**Diffusion:** None  
**Reflectivity:** Reflective  
**Glare:** High  
**Optical Distortion:** None  
**Maintenance:** Easy to clean  
**Durability:** Durable

### Pearlex+™



**Surface:** Finely etched  
**Diffusion:** Minimal  
**Reflectivity:** Non-reflective  
**Glare:** Minimal  
**Optical Distortion:** Minimal  
**Maintenance:** Fingerprint resistant; exceptionally easy to clean  
**Durability:** Highly durable; extremely scratch-resistant

### Opalex™



**Surface:** Very finely etched  
**Diffusion:** Moderate  
**Reflectivity:** Non-reflective  
**Glare:** Non-glare  
**Optical Distortion:** Moderate  
**Maintenance:** Fingerprint resistant; exceptionally easy to clean  
**Durability:** Durable

**Applicable Combinations**

| ViviMuse Painterly | Configuration |      |             | Glass Finish |           |         |           |
|--------------------|---------------|------|-------------|--------------|-----------|---------|-----------|
|                    | Reflect       | View | LightPlane™ | Standard     | Pearlex+™ | Opalex™ | Diamalex™ |
| Jubilee            | •             |      |             | •            | •         | •       |           |
| Nebula             | •             |      |             | •            | •         | •       |           |
| Passage            | •             |      |             | •            | •         | •       |           |
| Port               | •             |      |             | •            | •         | •       |           |
| Spritz             | •             |      |             | •            | •         | •       |           |
| Stream             | •             |      |             | •            | •         | •       |           |
| Vista              | •             |      |             | •            | •         | •       |           |

**Customization**

Forms+Surfaces is always willing to consider custom variations and modifications to meet specific project needs. Please contact us to discuss your requirements.

**Environmental Considerations**

Please refer to the VividGlass Product Environmental Data Sheet for detailed environmental impact information. For more information on our sustainability mission visit our website.

**How To Specify**

A Design Guide is available to lead you through the specification process in a simple, checkbox format. The Design Guide captures all the information needed to generate a quote: configuration, finish, pattern, as well as other options.

## Glass Handling Guidelines

### Ordering

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- Plan the order to avoid off-site storage and to minimize rehandling and time in storage at the job site before installation.
- Prepare boxing, trailer and floor loading schedules in consideration of weight limitations and handling and distribution needs.

### Receiving

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- VividGlass is sold and shipped on an F.O.B. FACTORY basis. Inspect all glass upon arrival.
- Before unloading, inspect handling equipment, rigging and surrounding conditions for safety compliance and inspect the general condition of the shipment for load shifting or possible damage in transit.
- Inspect the shipment for any shortage, abuse, wetness or other transit damage; note such on the bill of lading or delivery ticket and obtain the driver's signature as acknowledgment.
- Inventory received materials; immediately report any shortage to Forms+Surfaces and report concealed damage to the carrier.
- If necessary, file a written freight claim with the carrier and order replacement glass from Forms+Surfaces.

### Storage

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- Store indoors at moderate temperature (above the dew point).
- If outdoor storage is required, shade from direct sunlight and cover with tarp or plastic (for plastic, particularly, allow for air circulation in and around the cases—condensation can lead to glass surface staining).
- Support both sides of vertically stored cases.
- Wet glass must be towel dried prior to storage as prolonged moisture exposure can cause permanent surface staining.

### Handling

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- During handling, wear hard-hats, safety shoes, gloves, and glazing gauntlets and follow all established safety procedures.
- Remove the lid of the crate and unpack lite-by-lite; never end-pick glass or move partially unpacked cases.
- Exercise care to prevent damage to the glass; edge damage may lead to thermally associated glass breakage after installation.
- Cushion lites at bottom-edge quarter points on soft, firm blocks, free from glass chips, dirt or foreign matter.
- Stack glass on edge and lean against a structural column or other sturdy upright or rack at an angle of five to seven degrees from vertical; place interleaving between lites. Never slide one lite against another.
- Check finished surfaces and glass edges for damage before installation; set only acceptable material.

### Protection

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- Install finished materials after potentially damaging construction activities nearby—such as welding, sandblasting and fireproofing—have been completed. If the construction schedule does not allow for this, protect the glazing from damage by other processes.
- Immediately after glass is set, identify the openings with streamers or ribbons suitably attached to the framing or surround and held free from the glass; do apply warning markers directly to the glass.

### Maintenance

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- Shortly after glazing, remove grease or excess glazing materials by cleaning the glass with commercial solvents such as mineral spirits or naphtha, followed by a normal wash and rinse.
- Never use fluoride salts or hydrogen-fluoride producing compounds to wash the glass or surrounding surfaces; avoid use of razor blades or abrasive cleansers.
- Use soft, clean, grit-free cloths and a mild soap, detergent or slightly acidic solution for normal washing, rinse with clean water, and squeegee dry; ordinary commercial window-washing techniques are appropriate.
- Remove any stains from weathering steel by washing frequently during the weathering period (according to the steel manufacturer's recommendations).
- Remove any runoff from concrete, stucco or other alkaline materials by frequent window washing.
- Please refer to the Architectural Materials Care & Maintenance document on our website for additional information.