

**WALKER**

***GUIDELINES FOR PRODUCT SELECTION  
AND ORDERING***

# WALKER



## WALKER TEXTURES® ACID-ETCHED GLASS & MIRROR

### GUIDELINES FOR PRODUCT SELECTION AND ORDERING

#### PRODUCT SELECTION CRITERIA

##### FULL SURFACE ETCHED GLASS AND MIRROR

**Walker Textures®** full surface etched glass is available in four distinct finishes. As the roughness of the surface slightly increases, the level of light diffusion and opacity increases as well. Select the appropriate finish for each application based on the criteria below.

FINISH	OPACITY	SURFACE	CLEANABILITY
Walker Textures® Satinlite	Least opaque ↓ ↓ ↓ Most opaque	Smoothest ↓ ↓ Slightly rougher	Most contaminants are easily removed ↓ ↓ Certain contaminants may be more difficult to remove
Walker Textures® Satin			
Walker Textures® Velour			
Walker Textures® Opaque			

##### DECORATIVE PATTERNS – WALKER TEXTURES® NUANCE

**Walker Textures® Nuance** uses a flexible fabrication technique that enables customers to obtain, subject to certain limitations, an almost endless combinations of linear stripes as well as precision designed mosaics and patterns and all in a distinctive “two-tone” or “one-tone” acid-etched finish.

Patterns and finishes are available in the following combinations:

- Series 100 – Velour finish on Satin finish
- Series 200 – Velour finish on clear glass
- Series 300 – Satin finish on clear glass
- Series 500 – Velour finish on clear glass, on both sides
- Series 600 – Satin finish on clear glass, on both sides

Continues...

Walker Glass Company Ltd.

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#### PRODUCT SELECTION CRITERIA (Cont.)

##### SLIP RESISTANT SURFACE – WALKER TEXTURES® TRACTION

**Walker Textures® Traction** is a line of anti-slip acid-etched glass. It consists of two well known patterns 406 and 407, as well as Force a full surface etch without any pattern at all. These finishes are available on one side only.

The **Walker Textures® Traction** anti-slip acid-etched glass products combine discretion, light transmittance, durability, safety and add an undeniable sophisticated touch of design. The coefficient of friction for the three Traction options has been calculated based on ANSI A137.1:2012 Section 9.6 - Procedure for Dynamic Coefficient of Friction (DCOF).

Traction glass is typically used as part of a multi-layer glass assembly requiring appropriate engineering. Please consult a structural engineer before designing a glass stair tread or floor.

##### WALKER TEXTURES® TRANSITION – TRUE FADE OR GRADIENT

###### TRUE FADE

The **Walker Textures® Transition True Fade** process provides an etched finish that subtly fades into a clear, fully transparent area. The smoothness and level of translucency of the most opaque area falls in between our Satin and Velour finishes.

The **True Fade** effect is a custom option based on the following specifications:

**Glass Substrates:** Clear or Low Iron, other substrates available on demand

**Thicknesses:** 3mm to 19mm, subject to availability

**Sizes:** Min 60"x130"; Max 96"x144"

**Visible span of the fading effect:** Over 4"

**Direction of the fading:** Vertical or Horizontal but not both

**Maximum number of transitions on stock sheet:** 2 (Opaque to Clear to Opaque OR Clear to Opaque to Clear)

**Available on atmosphere side of the glass only**

**Minimum quantity:** One half of 4000lbs block, if balance is taken as raw glass

**Packaging:** Stoce or case with interleaving paper

Continues...

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#### PRODUCT SELECTION CRITERIA (Cont.)

##### WALKER TEXTURES® TRANSITION – TRUE FADE OR GRADIENT (Cont.)

###### TRUE FADE

###### APPROVAL BEFORE PRODUCTION

*Walker Textures® Transition* requires that a full size rendering of the True Fade specifications be etched on a stock sheet of the required glass substrate and be approved by the customer before making the production order.

###### GRADIENT

The **Gradient** effect is achieved with a pixelated dot pattern. The process and specifications are similar to *Walker Textures® Nuance*, except for the following:

**Dot size:** 1/8"

**Density range:** No minimum or maximum

**Span range:** No minimum or maximum

**Finish of the etched dot:** Velour

The customer must supply a drawing and details covering the above specifications.

##### BIRD FRIENDLY GLASS – WALKER TEXTURES® AVIPROTEK®

*Walker Textures®* full surface and *AviProtek®* patterned acid-etched glass products provide bird collision deterrence properties in exterior glazing applications. Product selection is based on design intent and type of application in conjunction with government regulations as applicable.

Continues...

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#### PRODUCT SELECTION CRITERIA (Cont.)

##### LOW-E COATED ACID-ETCHED GLASS

Full surface or patterned acid-etched finishes from **Walker Textures®** are available on surface 1 with Solarban® high performance coatings from Vitro Glass on surface 2.

The combination of **Walker Textures®** finishes and Solarban® high performance coatings from Vitro Glass offers the architectural community an opportunity to optimize design and solar performance objectives to achieve a truly unique glazing system.

The **Walker Textures®** acid-etched finishes do not have any significant impact on solar performance values. Therefore, values will be similar to glass without acid-etched glass.

Patterns and finishes are available in the following combinations:

##### Position 1 – **Walker Textures®**

- Full surface acid-etched glass finishes: Opaque, Velour or Satin
- Patterned acid-etched glass: all standard or custom Nuance patterns
- Bird-friendly acid-etched glass: all standard or custom **AviProtek®** (except **Aviprotek® T**)

##### Position 2 - *Solarban® Solar Control Low-E Glass by Vitro Architectural Glass*

- Solarban® 60 VT
- Solarban® 70XL VT
- Other Solarban® high performance coatings may be considered. Please check with Walker Customer Service

##### OVERSIZE ACID-ETCHED GLASS

The Velour full surface acid-etched glass finish is available in oversize dimensions.

- Thicknesses: 6 mm, 10 mm and 12 mm
- Dimensions: 100" x 168" or 100" x 204"
- Substrates: Clear and low-iron
- Surface: One side only
- Availability: 1 block minimum quantity

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## WALKER TEXTURES® ACID-ETCHED GLASS & MIRROR

### GUIDELINES FOR PRODUCT SELECTION AND ORDERING

#### PRODUCT AVAILABILITY

Walker stocks a wide selection of standard substrates and finishes across the full range of **Walker Textures®** products and finishes. Non-stock products are also available on demand subject to certain conditions and limitations. For product availability, consult the Product Availability Tables below.

#### WALKER TEXTURES® PRODUCT AVAILABILITY

##### Acid-etched Glass (on 1 side)

<b>Opaque</b>	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm	15 mm	19 mm
Clear	2	2	2	2	2	2	2	2	2
Bronze	2		2	2		2	2		
Grey	2		2	2		2	2		
Blue				2					
Black			2	2					
Low-iron/Starphire Ultra-Clear™	2		2	2	2	2	2	2	2

  

<b>Velour **</b>	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm	15 mm	19 mm
Clear	2	2	2	4	3	4	4	3	2
Bronze	3		3	3		3	3		
Grey	3		3	3		3	3		
Blue				3					
Black			3	3					
Low-iron/Starphire Ultra-Clear™	2	3	3	4	3	3	3	3	3

  

<b>Satin</b>	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm	15 mm	19 mm
Clear	2	2	2	2	2	2	2	2	2
Bronze			2	2		2	2		
Grey			2	2		2	2		
Blue				2					
Black			2	2					
Low-iron/Starphire Ultra-Clear™	2		2	2	2	2	2	2	2

  

<b>Satinlite</b>	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm	15 mm	19 mm
Clear	2		2	2		2	2		
Low-iron/Starphire Ultra-Clear™	2		2	1		2	2		

May 2019

- 1** Available in 4,000 lb quantities or less in standard dimension of 96" x 130"  
Subject to certain conditions, contact Customer Service for further details
- 2** Available in 4,000 lb quantities or more in standard dimension of 96" x 130"
- 3** Available on demand. Subject to minimum quantities. Other dimensions to be confirmed
- 4** Available in 4,000 lb quantities in standard dimension of 96" x 130"  
Also available in 4,000 lb quantities or more in standard dimension of 100" x 144"
- \*\* Velour** finish is available in oversized dimensions of 100" x 168" or 100" x 204".  
Velour finish in oversize is available on one side only  
For a quote, please contact our Customer Service department

Dimensions are subject to glass availability and process compatibility

Etching on both sides is available on demand with the exception of the **Satinlite** finish  
Both sides etching is subject to minimum quantities.

**Satin** finish etched on both sides is not available in thicknesses from 10mm to 19mm on all glass substrates.

**Walker Textures®** product availability is subject to change without notice

Continues...

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### GUIDELINES FOR PRODUCT SELECTION AND ORDERING

#### PRODUCT AVAILABILITY (Cont.)

### WALKER TEXTURES® PRODUCT AVAILABILITY

#### Acid-etched Mirror

<b>Satin</b>	3 mm	4 mm	5 mm	6 mm
Clear	2	2	2	1
Bronze			2	1
Grey			2	1
Blue				2
Black			2	2
Low-iron	2		2	1

<b>Opaque</b>	3 mm	4 mm	5 mm	6 mm
Clear	2	2	2	2
Bronze	2		2	2
Grey	2		2	2
Blue				2
Black			2	2
Low-iron	2		2	1

Oct. 2017

\* **Walker Textures®** product availability is subject to change without notice

**1** Available in 4,000 lb quantities or less in standard dimension of 96" x 130"

**2** Available in 4,000 lb quantities or more in standard dimension of 96" x 130"

Continues...

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### GUIDELINES FOR PRODUCT SELECTION AND ORDERING

#### PRODUCT AVAILABILITY (Cont.)

##### WALKER TEXTURES® ACID-ETCHED GLASS PRODUCT AVAILABILITY

NUANCE	Glass	3 mm	4 mm	6 mm	8 mm	10 mm	12 mm	19 mm
Decorative Patterns 101, 102, 103, 111, 302, 511, 512	Clear: 101, 111, 512	2	2	1	2	1	2	2
	Clear: 102, 103, 302, 511	2	2	2	2	2	2	2
	Bronze			2				
	Grey			2				
	Blue			2				
	Black			2				
	Starphire Ultra-Clear™ : 111			2		1	2	2
	Starphire Ultra-Clear™ : All other patterns			2		2	2	2

##### WALKER TEXTURES® TRACTION PRODUCT AVAILABILITY

TRACTION	Glass	3 mm	4 mm	6 mm	8 mm	10 mm	12 mm	19 mm
Anti-slip Surfaces: Force (full surface) & Patterns 406, 407	Clear			2		2	2	
	Starphire Ultra-Clear™			2		1	2	

##### AVIPROTEK® BIRD FRIENDLY GLASS PRODUCT AVAILABILITY

AVIPROTEK®	Glass	3 mm	4 mm	6 mm	8 mm	10 mm	12 mm	19 mm
Patterns 211, 213, 214, 215, 216, 217, 219, 220, 221	Clear: 211		2	1				
	Clear - All other patterns		2	2				
	Starphire Ultra-Clear™			2				
AVIPROTEK® T	Glass	3 mm	4 mm	6 mm	8 mm	10 mm	12 mm	19 mm
Transparent Patterns 701, 713, 714	Clear: 713		3	1				
	Clear: 701 & 714		3	2				
	Pilkington Optiwhite		3	2				

May 2019

Walker Textures® product availability is subject to change without notice

- 1** Product available in 4,000 lb quantities or less in standard dimension of 96" x 130"  
Subject to certain conditions, contact customer service for further details
- 2** Product available in 4,000 lb quantities in standard dimension of 96" x 130"
- 3** Available on demand. Subject to minimum quantities. Other dimensions to be confirmed

#### Custom and exclusive products

- Custom and/or exclusive patterns are available on demand (except for **Traction**). Please contact customer service for more details.
- Minimum quantity: 4,000 lb (example: 1,000 sq ft of 6mm glass)

Continues...

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#### PRODUCT AVAILABILITY (Cont.)

#### LOW-E COATED ACID-ETCHED GLASS PRODUCT AVAILABILITY

(Pos. 1)	6mm	Solarban® 60 VT (Pos. 2)	Solarban® 70XL VT (Pos. 2)
Full surface etched glass (Opaque, Satin, Velour) or decorative etched patterns Minimum quantity: 1 stoce 4,000 lbs	Clear Glass	X	X
	Starphire Ultra-Clear™ glass	X	
<p><b>Walker Textures®</b> with Solarban® glass products are available from members of the Vitro Certified™ Network only</p> <p>Product available in full pack quantities only, in standard dimension of 96" x 130", subject to certain conditions</p> <p>Other substrates available on demand, subject to minimum quantities</p> <p>Custom decorative etched patterns are available on demand</p> <p>For bird-friendly glass product availability, please refer to the <b>Walker Textures® AviProtek®</b> guidelines for product selection and ordering</p> <p><b>Walker Textures®</b> product availability is subject to change without notice</p> <p style="text-align: right;"><small>Nov 2018</small></p>			

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#### ORDERING GUIDELINES

All orders should include the following product information:

- **Walker Textures®** finish type or pattern number
- Low-E coating number of Vitro Glass Solarban® glass product, if applicable
- Glass substrate (clear, low-iron\* or specific tint)
- Glass thickness
- Stock sheet size

\* Tempering of low-iron glass is recommended to correct slight color variances caused by the **Walker Textures® Nuance, Traction** and **AviProtek®** manufacturing processes.

#### SAMPLES

Samples can be ordered as follows:

- **Walker Textures®** sample kit
- 12" x 12" samples in selected substrates and thicknesses
- Mock-up for qualified projects

#### AviProtek® E Samples

- **Clear and low-iron glass:** 12" x 12" insulated glass unit samples are available on demand for clear and Starphire Ultra-Clear™ glass.
- **Tinted glass:** Please note for 12" x 12" insulated glass unit samples using Solargray or Solarbronze, they will need to be ordered by specifying the coating and a 6mm Starphire Ultra-Clear™ glass with the desired bird friendly pattern. In order to obtain the visual, the Starphire Ultra-Clear™ glass with the AviProtek® pattern will need to be put on top of the tinted glass. Kindly note that there are no exceptions to this principal.

#### DIRECTIONAL PATTERNS

Certain patterns in the **Walker Textures® Nuance** and **AviProtek®** product lines have a clear directional orientation. When ordering stock sheets or cut sizes, the directional orientation must be designated by listing the length along which the pattern runs as the first dimension and a drawing should be supplied to confirm your requirements.

#### LINEAR PATTERN TOLERANCES

- Stripe width tolerance: +/- 1/16"
- Squareness tolerance (stripes vs edge of sheet): +/- 1/4"

#### RULES FOR CUSTOM PATTERNS

- Minimum width of spaces between etched lines: 1/25" (1mm)
- Minimum width of etched lines: 1/25" (1mm)

Continues...

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#### ORDERING GUIDELINES (Cont.)

##### **CUSTOM AND EXCLUSIVE PATTERNS** – Additional order requirements

In order to create a custom or exclusive pattern, the customer must supply camera-ready artwork in electronic format for the creation of the film that will be used for sample and full sized sheets. The file format specifications are:

- Software: Illustrator in AI format
- Required dimensions: 70 ½" x 128 ½" (72" x 130"), 82 ½" x 128 ½" (84" x 130") or 94 ½" x 128 ½" (96" x 130") – No bleed
- Resolution: Vectorial

Drawings must include specifications. Two drawings must be submitted, each of them indicating which surface of the glass sheet is to be acid-etched on either surface 1 or surface 2. Opaque etched areas, lighter etched areas and non-etched areas must also be well identified to ease process and limit margin of error. Please contact Customer Service for more details.

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### **GUIDELINES FOR PRODUCT SELECTION AND ORDERING**

#### **HOW TO GET LEED POINTS WITH WALKER TEXTURES® PRODUCTS**

Green design not only makes a positive impact on public health and the environment, it can also reduce operating costs and enhance building spaces and surroundings.

LEED fits into this initiative by providing rating systems that are voluntary and based on generally accepted energy and environmental principles.

The LEED rating systems are developed by the U.S. Green Building Council (USGBC) committees, in adherence with USGBC policies and procedures guiding the development and maintenance of rating systems. They are applicable to new commercial construction and major renovation projects.

Under the LEED rating system, only projects are rated. There is no rating or certification system for raw materials or suppliers thereof. However, Walker Glass Company Ltd. can help users of our products, and more specifically building owners; get LEED points.

To find out which LEED credits our acid-etched glass, acid-etched mirror and unetched mirror products can contribute to, please consult page 8 of the following environmental data sheets:

- Environmental Data Sheet – Acid-etched Glass
- Environmental Data Sheet – Acid-etched Mirror and Unetched Mirror

To request a copy of an environmental data sheet or for more information please contact your sales representative or our customer service department.

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#### OUR COMMITMENT TO SUSTAINABLE DESIGN - ENVIRONMENTAL PRODUCT DECLARATION

Walker Glass is proud to be the first to publish a third-party-verified environmental product declaration on acid-etched glass as well as on acid-etched mirror and unetched mirror.

Walker is fully committed to the diligent protection of both the environment and the health and safety of its workers and its customers' workers. This commitment is one of transparency regarding our practice and selection of materials. It is our small contribution towards building a better tomorrow for generations to come.

Available on demand:

#### EPD - Environmental Product Declaration:

- On acid-etched glass
- On acid-etched mirror and unetched mirror

#### HPD® – Health Product Declaration®:

- On acid-etched glass
- On acid-etched mirror

In compliance with CAN/CSA ISO 14025

Also available

- Environmental Data Sheet – Acid-etched Glass
- Environmental Data Sheet – Acid-etched Mirror and Unetched Mirror

To request a copy of the above-mentioned documents or for more information please contact your sales representative or our customer service department.

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