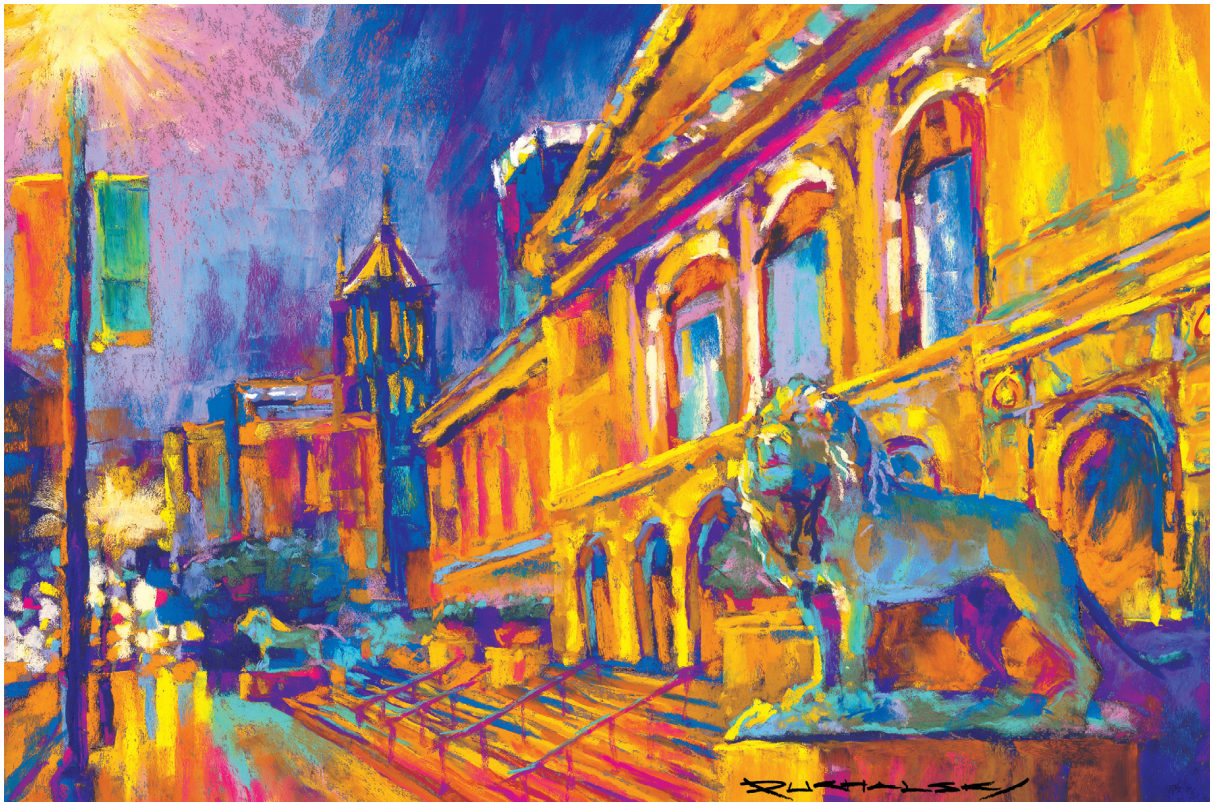




Optium Museum Acrylic®

A masterpiece of protection and preservation.

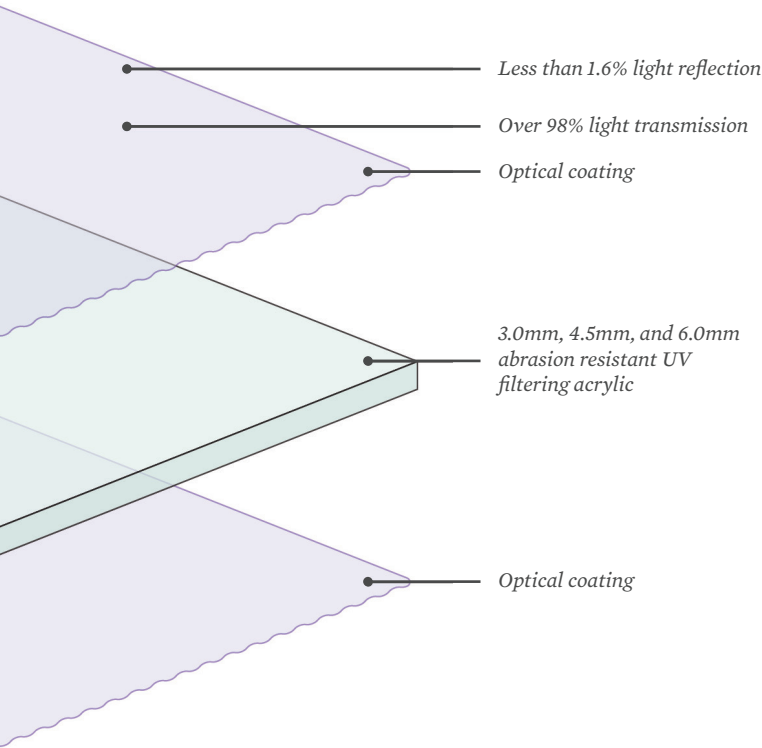


Optium Museum Acrylic® is the ultimate glazing product that performs more like glass than acrylic. This state-of-the-art acrylic product provides 99% UV protection to help protect against fading and is optically coated. Tru Vue has a proprietary coating process using Magnetron Sputtering technology that creates a nearly invisible surface. Like most acrylic products, Optium Museum Acrylic is half the weight of glass and is anti-reflective and shatter-resistant. However, unlike typical acrylic sheets, Optium Museum Acrylic performs like glass with its anti-static and abrasion resistant features.



Applications

- Framing or display cases for fine art collections
- Static sensitive materials including textiles, charcoals, pastels, oversized works, and irreplaceable works of art
- Shadowboxes for displaying objects including family heirlooms or personal mementos
- Framing for earthquake prone or high traffic areas where safety is a concern



M99-01534

Order samples through your Tru Vue® distributor.

Available Sizes

SIZE	# OF SHEETS PER BOX
405mm x 510mm/16" x 20" (3.0mm)	10
510mm x 610mm/20" x 24" (3.0mm)	10
610mm x 815mm/24" x 32" (3.0mm)	5
815mm x 1015mm/32" x 40" (3.0mm)	3
1220mm x 2440mm/48" x 96" (3.0mm)	1
1830mm x 2440mm/72" x 96" (4.5mm)	1
1830mm x 3050mm/72" x 120" (6.0mm)	1

Available to order by box or cut to size. Contact your Tru Vue® distributor for pricing and availability.

Features

- Virtually eliminates reflections for amazing clarity
- Blocks up to 99% of UV rays
- Optimal light transmission brightens colors & contrast levels
- Proprietary coating is engineered for stability & permanence
- Anti-static protection that immediately dissipates static
- Double hard coat protects against scratches
- Cleans like glass, no special acrylic cleaners needed



ANTI-REFLECTIVE



UV CONSERVATION
GRADE PROTECTION



SHATTERRESISTANT



ABRASIONRESISTANT



ANTI-STATIC

TRU VUE, PROVEN PERFORMANCE FOR OVER 45 YEARS,
TRU-VUE.COM

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OUR COLLECTION, CREATED FOR YOUR COLLECTION.

Our collection of high-performance acrylic glazing meets your challenging aesthetic and conservation needs and provides alternatives to conventional glazing materials used for protecting and displaying works of art.

RANGE OF ACRYLIC GLAZING OPTIONS FOR:

- **ANTI-REFLECTIVE** Display requirements for optimal viewing.
- **ANTI-STATIC** Applications including friable media (charcoals and pastels), fragile surfaces, lightweight papers, textiles.
- **ABRASION RESISTANCE** From minor scratches associated with frequent cleaning, high traffic areas, and/or traveling.
- **UV PROTECTION** For the display of light-sensitive objects.
- **CRYSTAL CLEAR** Transmitted color when typical yellow color cast from existing UV-filtering acrylics is objectionable.
- **HALF THE WEIGHT OF GLASS** Great for structurally sensitive frames, large works, and/or when glass is too heavy.

SIZE AVAILABILITY:

PRODUCT	THICKNESS	SIZE	SQ FT/SHEET	APPROX WT/SHEET
Optium Museum Acrylic® (Blocks up to 99% UV radiation)	6.0mm (1/4")	72" x 120" (3048mm x 1829mm)	60 (5.57 sqm)	89 lbs/40.37kg 1.5 lbs per ft² 7.2kg per m²
	4.5mm (3/16")	72" x 96" (2438mm x 1829mm)	48 (4.46 sqm)	54 lbs/24.5kg 1.13 lbs per ft² 5.5kg per m²
	4.5mm (3/16")	60" x 80" (2032mm x 1524mm)	33.33 (3.1 sqm)	38 lbs/17kg 1.13 lbs per ft² 5.5kg per m²
	3.0mm (1/8")	48" x 96" (2438mm x 1219mm)	32 (2.97 sqm)	22 lbs/9.98kg 0.7 lbs per ft² 3.4kg per m²
Optium Acrylic® (Blocks up to 93% UV radiation)	3.0mm (1/8")	48" x 96" (2438mm x 1219mm)	32 (2.97 sqm)	22 lbs/9.98kg 0.7 lbs per ft² 3.4kg per m²
Conservation Clear® Acrylic (Blocks up to 99% UV radiation)	6.0mm (1/4")	80" x 120" (3048mm x 2032mm)	66.67 (6.19 sqm)	100 lbs/45kg 1.5 lbs per ft² 7.2kg per m²
	4.5mm (3/16")	60" x 80" (2032mm x 1524mm)	33.33 (3.1 sqm)	38 lbs/17kg 1.13 lbs per ft² 5.5kg per m²
	3.0mm (1/8")	48" x 96" (2438mm x 1219mm)	32 (2.97 sqm)	22 lbs/9.98kg 0.7 lbs per ft² 3.4kg per m²

COATING & VISUAL COLOR IMPRESSION (TRANSMITTED & REFLECTED COLOR):

- Magnetron sputtered coating helps ensure maximum durability and strength.
- Utilizes hard-coated, abrasion resistant acrylic sheet.
- Patented Tru Vue® Optium Technology.
- Thin film coatings bonded to substrate at an atomic level.
- Long-lasting anti-static protection.
- Won't oxidize and degrade over time.
- Transmitted color appears color neutral.

OPTIUM MUSEUM ACRYLIC® AND OPTIUM ACRYLIC®

Light reflection is reduced to less than 1.5% at 90 degrees. The anti-reflective coating is designed to perform in a museum gallery setting. On works hung vertically, it is optimized when viewed at a 90 degree angle. However, if the angle of view changes so does the amount and color of the reflection. Beyond that, reflections become visible in a subtle greenish/blue color and certain lighting conditions may make this more noticeable.

Some variation in the color and/or intensity of the color of the reflection is considered acceptable as a normal and inherent characteristic of any anti-reflective product. The color and intensity of the reflection can vary within a sheet and from sheet to sheet. The amount of reflection, however, is significantly lower than the reflection of regular uncoated glass or acrylic and is considered a normal and inherent characteristic of any anti-reflective product.



ABRASION RESISTANT

MIL-C-14806A, PARA 4.4.7 & MIL-M13508C, PARA 4.4.5

The coating shows no signs of deterioration, other than discoloration, after being subjected to 20-alcohol soaked cheesecloth test at 2-2.5 lbs. The coating shows no damage after 600 dry cloth rubs at 2.5 lbs.

- Our coated high-performance glazing products perform like anti-reflective glass and offer up to 20 times the protection against minor scratches compared to uncoated acrylic.
- Our coated high-performance glazing products stand up to frequent cleaning and re-use from traveling/ temporary exhibits.

ELECTRICAL SURFACE RESISTIVITY (ANTI-STATIC) ASTM D257

The surface resistivity is less than 10^{12} ohm/sq at 50% Relative Humidity.

- Our anti-static protection actually exceeds that of glass and is engineered to immediately dissipate static charges.
- Independent tests show that our coated high-performance glazing products are up to 2,000 times more anti-static than regular acrylic.
- Safe for friable materials.
- Does not attract dust – minimizes cleaning.

LONG-LASTING ANTI-STATIC PROTECTION		
23 C and 50% r.h.	Surface Resistivity (Ohms/square)	Static Decay (seconds)
Our coated high-performance glazing products	<1.0E+12	0.01
Uncoated acrylic	1.0E+14	Infinite

PRODUCT COMPARISON CHART:

		Optium [®] Museum Acrylic	Optium [®] Acrylic	Conservation Clear [®] Acrylic
PHYSICAL CHARACTERISTICS	Substrate*	Clear, hard coat abrasion-resistant, UV filtering extruded acrylic	Clear, hard coat abrasion-resistant extruded acrylic	Crystal Clear UV filtering extruded acrylic
	Thickness Consistency	+/- 5% (i.e., 6mm +/- 0.3mm) Most uniform consistency of acrylic substrates.		
	Product Identification	Protective film with product identification label. (Please e-mail info@tru-vue.com with questions regarding product identification)		
PERFORMANCE DATA	UV Protection 300–380nm	99%	≤93%	99%
	Light transmission, total ASTM D-1003	>98%	>98%	92%
	Light Reflection/Double-sided Anti-Reflection Haze	<1.5%	<1.5%	8%
	Oddy Test	Passed		
	Living Building Challenge (LBC)	Coatings and/or substrate do not contain any ingredients listed on the LBC Red List.		
	Accelerated Aging Q-sun Xenon Arc test	Anti-reflective, anti-static, UV protection and light transmission remain unchanged after 2000 hours (estimated to be approximately 100 years of exposure in indoor environment) of Q-sun Xenon arc testing at exposure intensity of 100,000 Lux.		
SPECIFICATIONS	Tensile Strength Modulus of Elasticity ASTM D-638	10,000 – 11,030 psi, 400,000 – 490,000 psi		
	Flexural Strength Modulus of Elasticity ASTM D-790	17,000 psi, 480,000 – 490,000 psi		
	Impact Strength – Izod Milled Notch ASTM D-256	0.28 – 0.4 ft. lbs./in of notch		
	Impact Strength – Gardner – falling weight ASTM 5420-04	18.1 ft-lbs (6.0mm) Acrylic glazing products are significantly more impact-resistant than annealed glass and similar to that of tempered glass. If subject to impact beyond the limit of resistance, it does not shatter into small slivers, but breaks into larger pieces.		
	Humidity Resistance MIL-C-48497A, para 4.5.3.2	No deterioration of coating after 48 hours @ 50°C (122°F), 95% RH		NA
	Corrosion Resistance (Salt Fog) ASTM B117 & B-368-03 & B368-97	48 hr. No Deterioration 50°C (122°F), 95% RH After exposure for 7 – 24 hr cycles (168 hours), the coating shows no damage – Passed		NA
	RoHS compliance testing	(Dangerous substance testing: presence of Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent chromium (Hex-Cr)) – Passed		NA
	Photographic Activity Test ISO 18916 & ISO 18902	ISO 18916 Silver Image Interaction • Gelatin Staining • Mottling of Image • Interaction Detector Overall performance – Passed ISO 18902 Overall performance – Meet; "Photo-safe" per ISO 18902 section 3.9		
	Coating Adhesion (Snap Tape) MIL-C-48497A, para 4.5.3.1	The coating shows no damage after snap removal of tape.		NA
	Solubility MIL-C-48497A	After a 24-hour immersion or exposure at room temperature (60°-90°F; 16°-32°C), the anti-reflection coating shows no deterioration in the following solutions: • Distilled Water • Saline Solution (170gm of NaCl per 3.8 liters of water) • Acetone • Ethyl Alcohol • Isopropyl Alcohol • Coffee • Coke		NA

PRODUCT COMPARISON CHART:

	Optium [®] Museum Acrylic	Optium [®] Acrylic	Conservation Clear [®] Acrylic
TEMPERATURE AND FLAMMABILITY	Flammability Self-Extinguish UV945VA & 5VB	No acrylic will self-extinguish, and therefore our high-performance acrylic glazing products do not meet this requirement. Our high-performance acrylic glazing products are combustible and usually burn to completion if not extinguished. Precautions should be taken to protect this material from flames and high heat sources.	
	Flammability Self-Ignition Temp. ASTM-D-1929	830 – 833°F / 443 – 445°C	
	Horizontal Burning Test Avg. Burn Rate ASTM D-635	1.0 – 1.019 in./min / 2.5 cm/min (3mm)	
	Smoke Density ASTM D-2843	3.4 – 6.4% (3mm)	
	UL 94 Rating	94HB	
	Deflection Temp. (264 psi load) ASTM D-648	203 – 210°F / 95 – 99°C	
	Vicat Softening Point ASTM D-1525	210 – 220°F / 99 – 105°C	
	Max. Continuous Service Temp.	170 – 190°F / 77 – 88°C	
	Coefficient of Thermal Expansion ASTM D-696	0.00003 – 0.00004 in/in °F / 0.000054 – 0.000072 m/m °C	
Water Vapor Transmission Rate (@ 50% R.H.)	0.014 gm/100 in2 x day Optium Acrylic Glazing performs like regular uncoated acrylic in response to changes in relative humidity. The vapor transmission rate is low enough that reasonable levels of humidity can be maintained inside an acrylic enclosure by using appropriate desiccants. Optium Acrylic Glazing should not be used for applications that must be hermetically sealed.		
APPLICATION RECOMMENDATIONS	Space Expansion and Contraction	For indoor applications where temperature remains fairly constant, please allow approximately 1/16" (1.6mm) per 12" (305mm) of length for each 20 degrees F (11 degree C) temperature change. In conditions of extreme humidity or temperature, greater allowances may be necessary.	
	Rabbit size	When estimating the rabbit size, allow for the applicable glazing thickness and add to it the thickness of each of the other components used. Insuring the proper rabbit size is essential in supporting the framing components and helps guard against bowing.	
	Max. # of Mats	Any number of mats can be used with our high-performance acrylic glazing products.	
	Application	<ul style="list-style-type: none"> • Pastels • Charcoal • Static Sensitive Pieces • Custom display cases • Shadowboxes • B&W and Bright Colored Pictures • Posters • Vitrines • Large Pieces • Shipping • Earthquake Zones • Safety Areas • Pieces requiring Maximum UV protection • Can be fabricated and cemented for museum quality, bubble-free joints 	
	Large Framing Practices 40" x 60" (1524mm x 1016mm) and larger acrylic sheets	To prevent bowing, twisting, and/or warping during framing, provide reinforcing support of the acrylic sheet. When working with a spacer to separate the object from the glazing, allow sufficient depth of the spacer at least 1" (25.4mm) of clearance for 60" x 60" (1524 x 1524) frames, and 2" to 2.5" (50mm x 60mm) for a full 6mm, 72" x 120" (3048mm x 1829mm) frames, to protect the object from flexing of the acrylic sheet. Surface deflection will vary by frame size and glazing thickness used. Please contact Tru Vue for additional estimates if needed.	
	Silkscreen Printing	Yes; however, the acrylic requires a low temperature process, so the completed silkscreen is fairly soft.	

PLEASE VISIT TRU-VUE.COM/EXHIBITION-COLLECTIONS FOR GUIDELINES, CASE FABRICATION, HANDLING, AND STORAGE.

*Our high-performance acrylic glazing utilizes an inherently UV stable, non-yellowing, abrasion-resistant sheet that maintains its original appearance and color despite heat, cold, sunlight and humidity in indoor applications. It has been found to experience no significant loss of light transmittance or any appreciable increase in yellowing after accelerated aging. This should help ensure many years of trouble free performance.

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CLEANING	Optium Museum Acrylic®
	CLEANING SUPPLIES NEEDED
	<ul style="list-style-type: none">• 2 Micro-fiber cloths – one for wet cleaning, one for drying. If micro-fiber cloths need to be laundered, do not use fabric softener.• Isopropyl alcohol.• Distilled water.• Gloves (optional).
	WET METHOD CLEANING
	<ul style="list-style-type: none">• Mix water and isopropyl alcohol 1:1.• Spray on micro-fiber cloth.• Use cloth to clean glazing.• Optional: dry off with second cloth.
DRY METHOD CLEANING	
<ul style="list-style-type: none">• Spot-clean any finger prints with the dry micro-fiber cloth by wiping in a soft, circular motion.	
ALTERNATIVE METHOD OF CLEANING	
<ul style="list-style-type: none">• Non-ammonia glass cleaner may be used to clean Optium®.• DO NOT use acrylic cleaners or polishing agents.	
OPTIONAL	
<ul style="list-style-type: none">• Mix a couple drops of detergent with distilled water.• Use on micro-fiber cloth to clean surface of glazing.• Rinse with distilled water to ensure removal of any detergent residue and dry off with second cloth.	

REMOVING SCRATCHES	Optium Museum Acrylic®
	REMOVING SCRATCHES
	<ul style="list-style-type: none">• Do not hand polish or buff scratches in this product as it may cause damage to the coating.• Abrasion-resistant properties prevent mild scratching, but not deep scratches.• Cuts by hard objects cannot be repaired.

REMOVING SCRATCHES	Conservation Clear® Acrylic
	REMOVING SCRATCHES
	<ul style="list-style-type: none">• Fine scratches can be removed by hand polishing with a recommended acrylic polish or paste wax. Apply polish to a soft cloth and rub. When the scratches have disappeared, remove all residue and polish.

SHIPPING	All Acrylic Products
	SHIPPING
	<ul style="list-style-type: none">• If shipping framed pieces horizontally, be sure to accommodate for flexing of the sheet to avoid vibration or rubbing against the surface of the artwork.• Works glazed with acrylic need no film/glass skin when shipping.• Allow 24 hours for climatizing before exhibiting. Condensation will leave water spots on the coatings.

CLEANING	Conservation Clear® Acrylic
	CLEANING
	<ul style="list-style-type: none">• Use a clean, damp cleaning cloth.• Apply only light pressure.• Rinse with clean water.• Dry off with second cloth.• Do NOT use window cleaning sprays, kitchen scouring compounds, or solvents such as acetone, gasoline, or lacquer thinner to clean acrylic materials.

All Acrylic Products

STORAGE

STORAGE

- Avoid storing in areas where condensation might occur.
- The masking should be left on the sheet during storage and fabrication to prevent damage. If the protective film masking has been removed, use 2-ply rag board or pH neutral paper for interleaf during storage. Proper interleaving during storage enables reuse.
- If the acrylic sheets are stored vertically, care must be taken to avoid warping. Sheets must stand with an angle of no more than 10 degrees from the vertical and fully supported to prevent bowing or falling.
- The masking should never be exposed to excessive sunlight or outdoor conditions for extended periods of time.
- If storing sheets horizontally, stack the larger sheets at the bottom to prevent bowing.
- Acrylic sheet should not be stored near radiators, steam pipes, in direct sunlight, or near other heat sources as excessive heat tends to soften and deform the sheet.
- Acrylic glazing is not effected by standard museum environments or normal warehouse temperatures, and can withstand extreme temperatures of minus 30 degrees F (-34 degrees C) to 140 degrees F (60 degrees C) when shipping. Excessive temperatures are not recommended for long-term storage.
- If storing framed pieces, please note that acrylic expands and contracts, so allow for size variation in frame systems.

TIPS FOR CHOOSING GLAZING

	Optium Museum Acrylic®			Optium Acrylic®	Conservation Clear® Acrylic
	6.0mm	4.5mm	3.0mm	3.0mm	3.0mm
For 40" x 40" or smaller (1016mm x 1016mm)			◆	◆	◆
40" x 40" to 60" x 60" (1016mm x 1016mm to 1524mm x 1524mm)		◆			
Above 60" x 60" (1524mm x 1524mm)	◆				
For optimal viewing without distracting mirror-like reflections	◆	◆	◆	◆	
For friable media	◆	◆	◆	◆	
For abrasion resistant protection when traveling or high-traffic areas	◆	◆	◆	◆	
For UV Protection	◆	◆	◆		◆



ANTI-REFLECTIVE | ANTI-STATIC | ABRASION RESISTANT | UV PROTECTION | CRYSTAL CLEAR

DESIGNED TO EXCEED ARCHITECTURAL EXPECTATIONS.



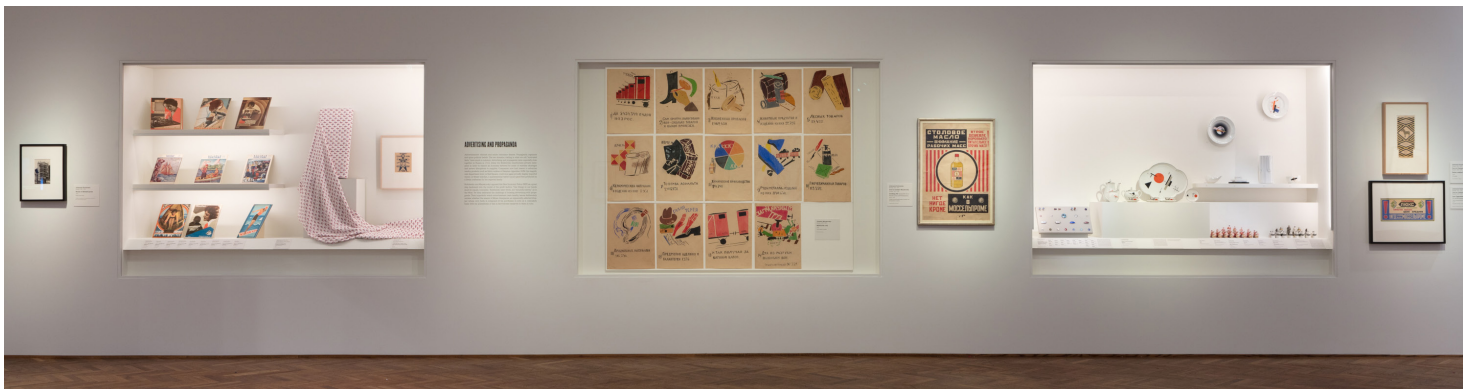
Installation view of *Buddha Shakyamuni* sculpture in the exhibition "Boundless: Stories of Asian Art" at the Asian Art Museum. Photo credit: Geneva Griswold. Courtesy of the Seattle Asian Art Museum.



The Judgment of Cambyses by Gerard David (1498) in the exhibition "Art of Law: Three Centuries of Justice Depicted" at the Groeningmuseum. © Musea Brugge - Lukas Art in Flanders vzw



Trophy Hall in Lobby display cases. The Marcus Mariota Sports Performance Center, University of Oregon. © Kris Iverson of Moon Shadow Glass.



Installation view *Revolutsiia! Demonstratsiia! Soviet Art Put to the Test*, on view Oct 29, 2017 - Jan 15, 2018, Art Institute of Chicago, Courtesy of the Art Institute of Chicago

UltraVue® Laminated Glass is engineered to a tighter cosmetic specification for the most discerning clients who demand the best viewing experience. UltraVue Laminated Glass is anti-reflective, shatter resistant, and blocks up to 99% of harmful UV rays for ultimate protection and peace of mind. Perfect for use in a range of applications: Vitrines, Glass Display Cases, Cabinet Doors, Wall Niches, Stand-Offs, Traditional Framing. When your project demands the highest level of protection and preservation, a worldwide network of authorized Tru Vue distributors ensures UltraVue Laminated Glass is readily and widely available when you need it.

TRUSTED ACRYLIC & GLASS SOLUTIONS FOR NEARLY 50 YEARS



ANTI-REFLECTIVE | ABRASION RESISTANT | CONSERVATION GRADE UV PROTECTION | COLOR NEUTRAL | SAFETY & SECURITY

RECOMMENDED APPLICATIONS

- ◆ Framing or display cases for cultural heritage and fine art collections
- ◆ Shadowboxes for displaying objects
- ◆ Framing for high traffic areas where safety is a concern
- ◆ Artworks and artifacts that are particularly sensitive to fluctuations in relative humidity, such as parchment, albumen prints, and wood panel paintings
- ◆ Use in enclosures (display cases and sealed packages) that will be in service for long periods
- ◆ When rigidity and strength are required and weight is not a concern
- ◆ UV protection for light sensitive objects

MEETS/EXCEEDS INDUSTRY STANDARDS

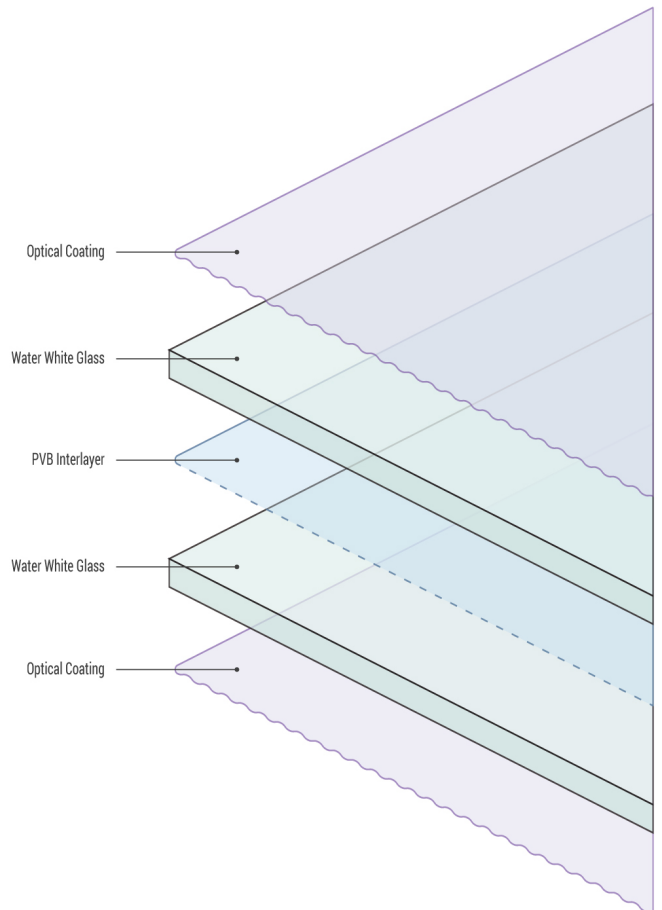
- ◆ Oddy Test - Passed
- ◆ Photographic Activity Test (ISO 18916) - Passed
- ◆ Corrosion Resistance (ASTM B117-03) - Passed
- ◆ Meets Swinging Punch Bag Test ANSI Z97.1-2009 - Both 4.4mm and 8.8mm meets the impact and boil test requirements for ANSI Class B and CPSC Category I rating; 8.8mm meets the impact and boil test requirements for ANSI & CGSB Class A and CPSC Category II rating.
- ◆ Pendulum Tire Drop Test EN 12600:2002 - 4.4mm meets Classification 2(B)2; 8.8mm meets Classification 1(B)1.
- ◆ Accelerated Aging Q-Sun Xenon Arc Test - anti-reflective, anti-static, UV protection, and light transmission remain unchanged after 2000 hours (estimated to be approximately 100 years)
- ◆ Resistance to Manual Attack EN356 - 8.8mm meets P2A

AVAILABLE SIZES

THICKNESS	MAXIMUM SIZE (IN)	(MM)
4.4mm	63 x 85 in.	2159 x 1600mm
8.8mm	72 x 120 in.	3048 x 1829mm

FEATURES

- ◆ Reduces distracting reflections for a close, intimate viewing experience
- ◆ Blocks up to 99% of UV rays (300-380nm)
- ◆ Water White substrate provides crystal clear color transmission
- ◆ Optimal light transmission
- ◆ Shatter resistance safeguards against injury and damage to artwork
- ◆ Coated surface is durable and easy to clean
- ◆ Designed to meet tighter specifications for framing and display than glass made to architectural specifications
- ◆ Made in the USA and readily available through our worldwide network of authorized distributors



FOR SAMPLES OR QUESTIONS,
VISIT: australia.sales@larsonjuhl.com



Glazing that stands out by being invisible.



Tru Vue® UltraVue® Glass strikes a balance between clarity and UV protection. The low iron, water white, color-neutral substrate provides pristine optical clarity to enhance the colors, brightness and contrast levels of all types of artwork, while providing your choice of 70% or 92% UV protection. Over 98.5% light transmission means there's no color shift, and its anti-reflective surface allows viewers to admire every texture, brush stroke and detail without annoying reflections. This clarity-enhancing glazing is ideal for everyday projects, for frame designs that use multiple matboard layers and to accentuate the three dimensional aspects of shadow box design. With UltraVue Glass, Tru Vue has, once again, evolved the science of displaying art.

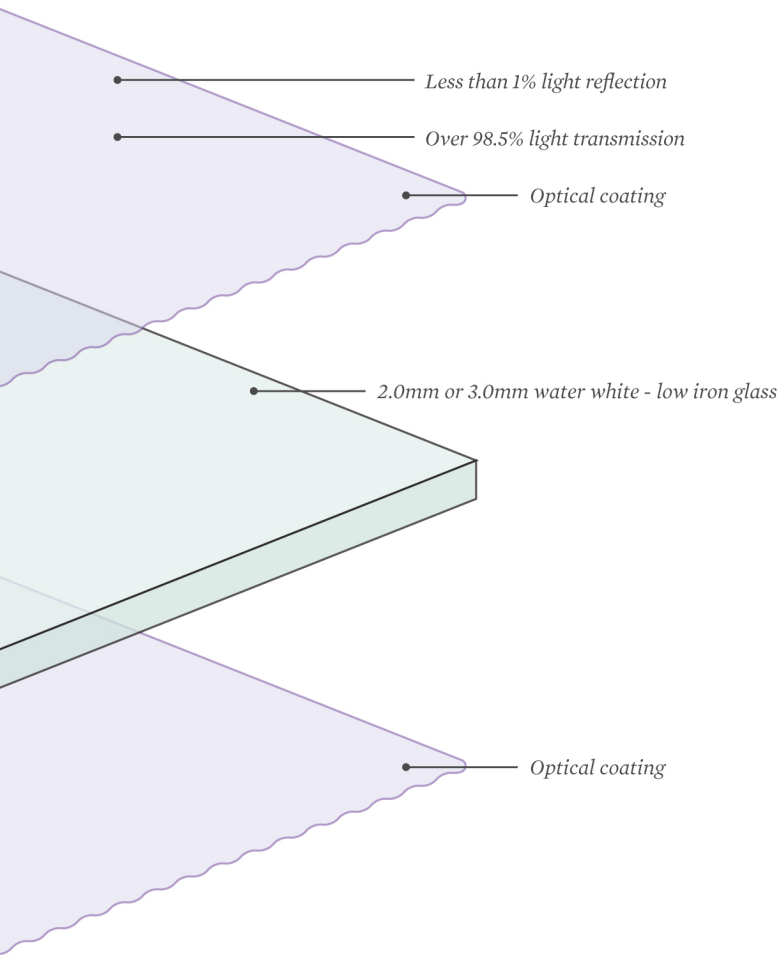
TRUSTED ACRYLIC & GLASS SOLUTIONS FOR NEARLY 50 YEARS



ANTI-REFLECTIVE | ABRASION RESISTANT | CONSERVATION GRADE UV PROTECTION | COLOR NEUTRAL | SAFETY & SECURITY

Applications

- Works of art or photograph where color neutrality is most important
- Everyday frame projects that don't require a high level of UV protection
- For frame design that uses multiple matboard layers
- To accentuate the three dimensional aspects of a shadow box design



Available Sizes for UltraVue® UV70 and UV92

SIZE	# OF LITES PER BOX
915mm x 1220mm/36" x 48" (2.0mm)	2 or 5
1015mm x 1525mm/40" x 60" (2.0mm)	2 or 4
1220mm x 1725mm/48" x 68" (2.0mm)	2 or 3
1600mm x 2160mm/63"x 85" (3.0mm)	40 lites per crate

Available to order by box or cut to size. Contact your Tru Vue® distributor for pricing and availability.

Features

- Virtually eliminates reflections for amazing clarity
- Filters up to 70% or 92% of UV rays, depending on product selection
- Water white substrate provides crystal clear color transmission
- Optimal light transmission brightens colors & contrast levels
- Proprietary coating is engineered for stability & permanence
- Enhanced surface for durability and easy cleaning

AR ANTI-REFLECTIVE



UltraVue Display
M99-01053INT



UltraVue UV70 Specifier
M99-01282

UltraVue UV92 Specifier
M99-01445

Order samples through your Tru Vue® distributor.



Museum Glass®

Museum quality glass. Now available for living rooms everywhere.

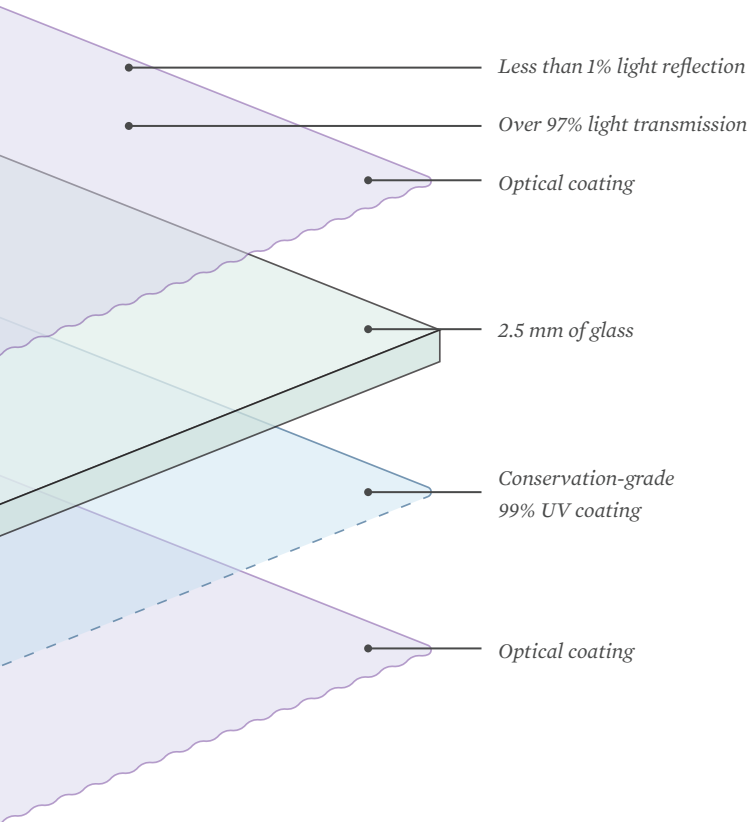


No other glass product compares to Museum Glass®. This premier glass product provides 99% UV protection to help protect against fading, and is optically coated for a virtually invisible finish, to create amazing clarity. Tru Vue uses a proprietary multi-step coating process. First, an inorganic silica-based UV inhibiting coating is permanently cured onto the surface of the glass substrate. Then, using Magnetron Sputtering technology, layers of highly energized metal oxides are precisely deposited onto the glass substrate. The result is the most attractive and most protective display option for all works of art. Plus, Museum Glass just got even more amazing. Its smoother, ripple-free surface and newly enhanced coating not only makes it more durable and easier to clean, it enhances the entire viewing experience.



Applications

- Custom framing, limited edition prints, original works of art, posters, and shadowboxes for objects including keepsakes or souvenirs
- To help protect items of sentimental or monetary value
- Shadowboxes for displaying objects including family heirlooms or personal mementos
- Highly detailed and colorful works of art



Available Sizes

SIZE	# OF LITES PER BOX
915mm x 1220mm/36" x 48" (2.5mm)	3
1015mm x 1525mm/40" x 60" (2.5mm)	2
1220mm x 1725mm/48" x 68" (2.5mm)	2

Available to order by box or cut to size. Contact your Tru Vue® distributor for pricing and availability.

Features

- Virtually eliminates reflections for amazing clarity
- Blocks up to 99% of UV rays
- Optimal light transmission brightens colors & contrast levels
- Proprietary coating is engineered for stability & permanence
- Enhanced surface for durability and easy cleaning
- Smooth surface, free of distortion or ripples
- Premium 2.5mm thickness provides the best strength & rigidity
- 40% stronger than comparable products for less breakage & better yields

UV UV CONSERVATION GRADE PROTECTION

AR ANTI-REFLECTIVE



M99-01053MGINT

Order samples through your Tru Vue® distributor.

TRU VUE, PROVEN PERFORMANCE FOR OVER 45 YEARS,
TRU-VUE.COM

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TIPS FOR CHOOSING GLAZING



	UltraVue® Laminated Glass	Optium Museum Acrylic®			Optium Acrylic®	Conservation Clear® Acrylic	Conservation Reflection Control® Acrylic
	4.4mm	6.0mm	4.5mm	3.0mm**	3.0mm	3.0mm	3.0mm
	63" x 85" (2159mm x 1600mm)	72" x 120" (3048mm x 1829mm)	72" x 96" (2438mm x 1829mm)	48" x 96" (2438mm x 1219mm)	48" x 96" (2438mm x 1219mm)	48" x 96" (2438mm x 1219mm)	48" x 96" (2438mm x 1219mm)
For 40" x 40" or smaller (1016mm x 1016mm)	◆			◆	◆	◆	◆
40" x 40" to 60" x 60" (1016mm x 1016mm to 1524mm x 1524mm)	◆		◆				
Above 60" x 60" (1524mm x 1524mm)	◆	◆					
For optimal viewing without distracting mirror-like reflections	◆	◆	◆	◆	◆		
For matte-like, non-glare viewing							◆
For friable media	◆	◆	◆	◆	◆		
For abrasion resistant protection when traveling or high-traffic areas	◆	◆	◆	◆	◆		
For UV Protection	◆	◆	◆	◆		◆	◆
When permeability of display materials is a concern	◆						
For sealed enclosures that will be in service for long periods	◆						
Lightweight - half the weight of glass		◆	◆	◆	◆	◆	◆

**3.0mm Optium Museum Acrylic® is now available in smaller, single sheet sizes, at more affordable price points, through our world-wide network of authorized distributors, and offer greater flexibility and price efficiencies for projects 32" x 40" (1016mm x 813mm) and below.