

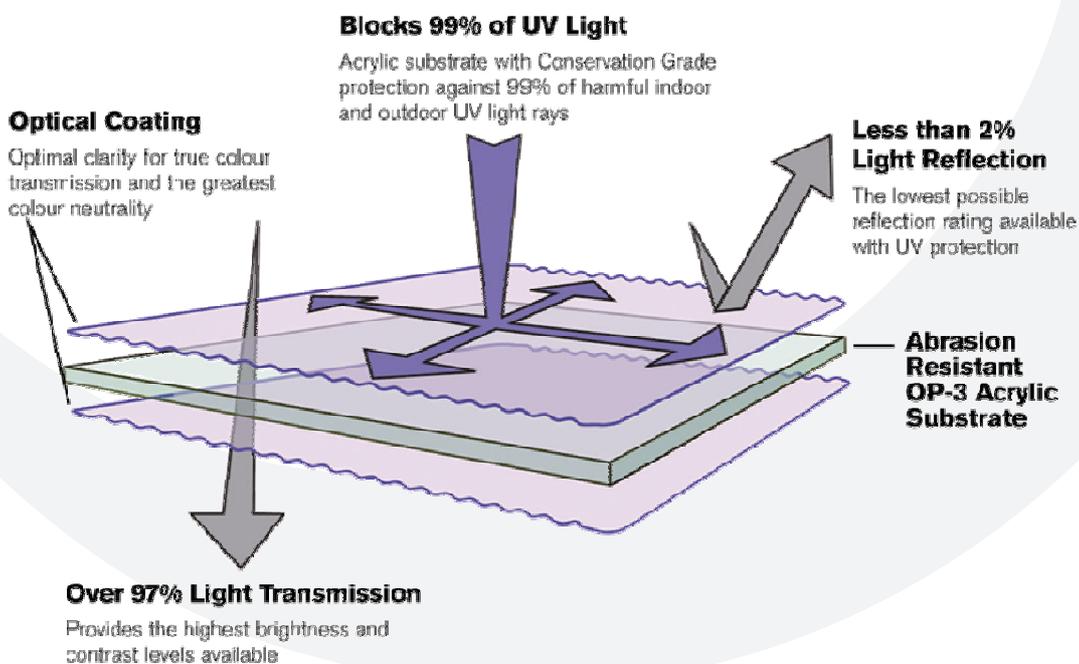
DATA SHEET

Tru Vue Optium Museum Acrylic[®]

Optium Museum Acrylic is recommended for framing works of original art, rare and antique documents, fine art prints and valuable photography.

Features

- Classification: BEST Picture Framing Glass
- Anti-Static
- Anti-Reflective
- 99% UV Protection
- Abrasion Resistant
- Shatter Resistant



Technical Info

- Available in 3.0 mm, 4.5 mm and 6.0 mm thickness
- Anti-reflective coating optimises the appearance while significantly reducing distracting reflections to less than 1.6% at a 90 degree angle.
- Anti-static protection that actually exceeds glass and dissipates 2000 times more static than regular acrylic, making it safe for friable materials and minimizing cleaning.
- Abrasion resistant glazing offers 20x more protection than regular acrylic and resists minor scratches associated with frequent cleaning like anti-reflective glass. Can be re-used for travelling and temporary exhibits.
- Maximum UV protection filters up to 99% of damaging 300-380 nm UV rays so you can display sensitive objects.
- Lightweight – 50% lighter than glass. Perfect for large items and display cases.
- Gauges up to 4.5 mm, can be cut like regular acrylic.
- Cleans like other glass products, with ammonia-free cleaner.
- Shatter-resistant, thermal insulating and anti-static properties provide a secure and protected environment.

Care and Handling

Handling

- Cotton or nitrile rubber gloves should be worn to minimise finger-prints and other particles.
- Optium Acrylic products are covered with a protective film masking on each surface. This masking prevents scratching during handling and cutting and should be left in place on the sheet as long as possible.
- To remove the masking, start at one corner and pull towards the opposite side of the sheet slowly and evenly without stopping.
- The masking should never be exposed to excessive sunlight or outdoor conditions for extended periods of time.

Framing Practices for 40"x60" and larger

- To prevent bowing, twisting and/or warping during framing, provide reinforcing support of the acrylic sheet during framing.

Cleaning

- Place the acrylic on a clean, non-abrasive surface for cleaning.
- Use a clean, soft, lint-free or micro-fiber cloth to clean.

- Do not use coarse or abrasive cleaning agents or dirty cloths.
- Spray an ammonia-free cleaner onto the cloth and wipe the acrylic.
- Never spray cleaner directly on the acrylic.
- Do not use an acrylic cleaner (i.e. Brillianize) on this product.
- Do not buff scratches in this product as it may damage the anti-reflective coating.
- Abrasion-resistant properties prevent mild scratching, but not deep scratches. Cuts by hard objects cannot be repaired.

Cutting

- Fabricate using a power saw with a saw blade specifically designed to cut acrylic.
- Optium Acrylic Glazing should NOT be cut with a laser. The extreme heat can cause crazing, which may lead to delamination of the coating.

Storing Optium

- Avoid storing in areas where condensation might occur.
- Stack sheets horizontally with the larger sheets at the bottom, or lean acrylic sheets at an angle of approximately 10 degrees to prevent bowing.
- Allow 24 hours for acclimatizing before exhibiting. Condensation will leave water spots on the anti-reflective coating.
- The masking should never be exposed to excessive sunlight or outdoor conditions for extended periods of time.
- Although Optium does not require a climate controlled environment for long-term storage, we recommend removing any protective film masking and use pH neutral paper to separate the parts.
- Optium 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 160 degrees F (71 degrees C).
- If storing framed pieces, please note that Optium expands and contracts, so allow for size variation in frame systems.
- Avoid shipping framed pieces horizontally as expansion/contraction of the sheet may cause vibration or rubbing against the surface of the artwork.

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Crescent Europe GmbH
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