

**HIGHER STANDARD
OF CONSERVATION GLASS IS BORN**



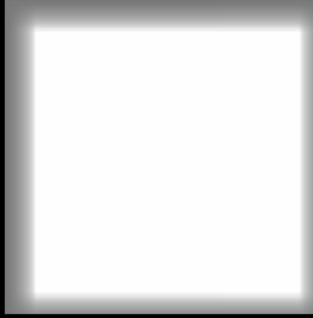
artglass™

PICTURE FRAMING



Find out more!

PREMIUM QUALITY ANTI-REFLECTIVE GLASS



NO REFLECTION

Artglass™ reduces unwanted residual reflections to <1%. This is 8 times less than regular glass.

IMPROVED TRANSMISSION

Artglass™ increases the transmission of light by 8%, allowing it to reach >98%, thus enhancing the true and undistorted colors of the artwork on display.

EASY TO CLEAN AND SCRATCH-RESISTANT

Artglass™ can be easily cleaned with a microfiber cloth and glass cleaner by Groglass® or another appropriate cleaning solution. Our proprietary top coating makes it scratch-resistant and easy for processing and everyday use.

NEUTRAL COLORS IN REFLECTION AND NO COLOR SHIFT UNDER AN ANGLE

Artglass™ has neutral and uniform reflected colors, and they remain stable under various angles of viewing.

EASY TO PROCESS TO YOUR SPECIFICATIONS

Artglass™ can undergo the same processing as ordinary glass: cutting, edgework, gluing and printing.

HIGH DURABILITY AND LONG LIFETIME OF THE COATING

The coating of Artglass™ is long lasting and demonstrates excellent durability performance.

PREMIUM QUALITY ANTI-REFLECTIVE GLASS



Photo: Manuel Reinartz

Tobias Zielony "The Citizen" German Pavilion at the Venice Art Biennale 2015

PRODUCT DETAILS	ARTGLASS AR 70™	ARTGLASS AR 92™
ANTI-REFLECTIVE	■	■
92% UV PROTECTION	□	■
SUPREME CLARITY	■	■
EASIEST HANDLING	■	■
WATER WHITE SUBSTRATE	■	■
PASSES PHOTOGRAPHIC ACTIVITY TEST (PAT) ISO 18916	■	■

Artglass AR 70™ (2-3mm) – virtually invisible glass with a smooth surface that allows for details to emerge unaltered. It can be cut and glazed from either side.

Artglass AR 92™ (2-3mm) – with 92% UV protection and light transmission of over 98%, provides a perfect balance between protection and clarity.

Up to 2250 x 3210mm big sheets are available, while most popular are the cut-sizes, e.g., 1000 x 1600mm, 1200 x 1600mm and 1219 x 2050mm. Sheets in standard inch sizes are also available, e.g., 24" x 36", 32" x 40" and others.

Standard Artglass™ thickness is 2mm. For framing large pieces, a 3mm thick Artglass™ is offered. For those in need for shatter-resistance, a 2+2mm and 3+3mm laminated version is available.



NEW CONSERVATION GRADE GLASS

99% UV PROTECTION

Artglass™ absorptive UV coating protects artworks from all angles of sunlight and the risk of UV damage is nearly impossible. Only conservation-grade UV protection of over 97% meets the conservation standards of ISO 18902 and is in accordance to Fine Art Trade Guild and Professional Picture Framers Association.

ANTI-REFLECTIVE

Artglass™ is coated with a special anti-reflective coating offering the supreme clarity, preserving the true color, texture and beauty of the framed artwork. Artglass™ offers a neutral reflection color from all angles.

NO "ORANGE PEEL" SURFACE DISTORTION

Artglass™ has no surface distortion or any other unwanted interference.

CRISP IMAGE RESOLUTION

Artglass™ products provide absolute clarity and have no ripple effect or any other visual interference.

PREMIUM QUALITY

Artglass™ products are reliable and have a long lifetime.

PROTECT WHAT'S IMPORTANT

NEW CONSERVATION GRADE GLASS



PRODUCT DETAILS	ARTGLASS AR 99™	ARTGLASS 99™
99% UV PROTECTION	■	■
HELPS TO PREVENT FROM FADING	■	■
LESS THAN 1% LIGHT REFLECTION	■	□
NO "ORANGE PEEL" SURFACE DISTORTION	■	■
CRISP IMAGE RESOLUTION	■	■
NEUTRAL COLOR FROM ALL ANGLES	■	■
MEETS ISO 18902 STANDARD	■	■
PASSES PHOTOGRAPHIC ACTIVITY TEST (PAT) ISO 18916	■	■

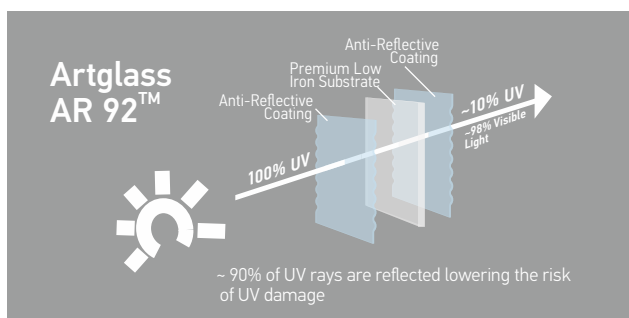
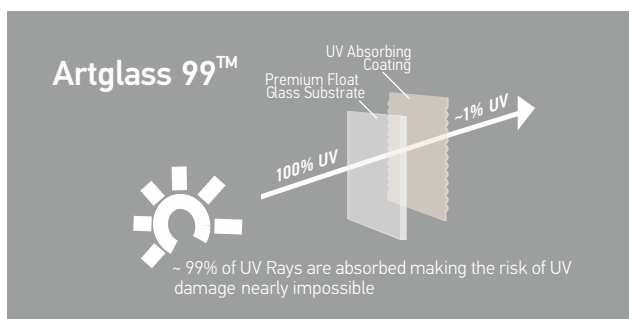
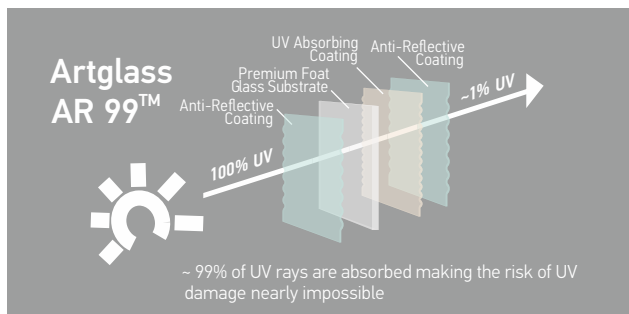
Artglass AR 99™ (2,5mm) is the highest performance anti-reflective glass with 99% UV protection. The "invisible" glass ensures neutral reflection color and helps to prevent the treasured keepsake from fading. Artglass™ ranks the highest in the market of anti-reflective glass and now its successor Artglass AR 99™ combines superb clarity with the best possible UV protection, highly valued among industry and museum professionals.

Artglass 99™ (2mm) provides UV protection by blocking out 99% of harmful rays thus helping to prevent the treasured keepsake from fading as well as yellowing of photographs, or paper becoming brittle. Artglass 99™ uses an absorptive UV coating, which protects the artwork from all angles of harmful rays.



UV coated glass is recommended for sentimental values: photos, autographs, maps, needleworks, awards as well as watercolors, pastels, pencil drawings, digital prints, graphic arts.

EDUCATIONAL INSIGHT



Artglass AR 99™ is coated on both sides – a very special anti-reflective coating is applied on both surfaces offering the supreme clarity only possible from Groglass®. One of the sides is additionally coated with an absorptive UV filter, which is applied by specialty roller coater to leave no sign of distortion or interference. The result is a clear super transparent conservation grade class.

Artglass 99™ is manufactured by applying the same absorptive UV filter.

The products which have the organic absorptive coating require additional attention:

- Make sure that the glass is cut from the non-coated side which is indicated on each sheet;
- Make sure that the coated side faces the artwork.

The anti-reflective coating is achieved by using an innovative nanotechnology tool of Groglass® which coats glass with multi-layer molecular thin films.

The durable and smooth anti-reflective coating allows Artglass AR 70™ and Artglass AR 92™ products to achieve the highest level of transparency.

You might ask what is better – Artglass™ with absorptive or reflective UV coating? Let us review your choices:

1. Absorptive coating will block more than 99% of UV light, however it will also absorb some of the visible light and thus reduce its transmission by a small amount. Glass with absorptive coating is also less scratch resistant and requires special handling, compared to glass with reflective UV coating. Choose this type of glass when UV protection outweighs the need for absolute clarity.

2. Glass with reflective UV coating can block out 92% of UV rays with no adverse effect on the transmission of visible light. Choose this type of glass when you are looking for a flawless clarity and optimal UV protection.

REFERENCES

Groglass® is supplying anti-reflective and other high performance coatings on glass since 2009. Our innovative and the most modern technology has enabled us to achieve highest quality products in a very efficient manufacturing process. We are always looking for ways to improve and adjust to the actual needs of our customers. This has made us a trusted supplier to many successful companies across the world.



Photo: Dd studio

Latvian National Museum of Art in Riga, Latvia

ABOUT US

Artglass™ is manufactured by Groglass® – located in Riga, Latvia. Groglass® delivers anti-reflective and other types of highest performance glass to more than 45 countries for many different applications such as picture framing, high-end electronic displays, luxury architecture and many other solutions. Our premium quality picture framing glass is used by independent frame shops, as well as by the finest museums and art galleries worldwide.

Professionals, who work with glass on a daily basis, appreciate the easy handling of Artglass™ products and everyone can enjoy the full value of Artglass™ features, whether it is the crystal clear light transmission, conservation grade UV protection or shatter resistance.

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