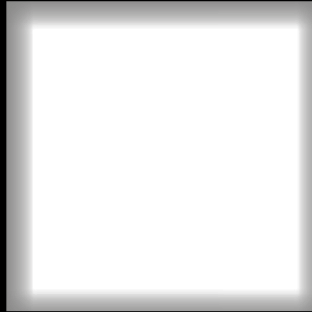




artglass

ARCHITECTURE

# SEE WHAT'S IMPORTANT



## **NO REFLECTION**

Artglass™ reduces unwanted residual reflections to < 0.5% per surface. This is 8 times less than regular glass.

## **IMPROVED TRANSMISSION**

Increases the transmission of visible light up to 98%.

## **ABRASION RESISTANT AND EASY TO CLEAN**

Easy to clean with appropriate glass cleaner. Durability performance meets ISO standards.

## **NEUTRAL REFLECTION COLOR**

Ensures neutral and uniform reflection color for the best viewing experience.

## **SUITABLE FOR POST PROCESSING**

Can be heat strengthened, thermally-toughened, laminated and used for insulating glass units, bent, printed on, drilled, UV glued, screen printed, edge-worked.

## **EASY TO ADAPT**

Can be combined with Low-E, Solar control and Heat reflecting coatings.



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## ARTGLASS™ BY GROGLASS® FOR ARCHITECTURE

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### **ARTGLASS™ BRINGS NEW DIMENSION OF REALITY BY ENSURING TRUE AND UNOBSTRUCTED VIEW OF OBJECTS.**

Artglass™ anti-reflective glass is produced on the world's largest vertical double side magnetron sputtering coater in a process where anti-reflective metal oxide coating is applied on one or both glass surfaces in a single manufacturing step. The sputtering method ensures the highest quality anti-reflective glass, which reduces residual reflections to less than 0.5% per surface, increases light transmission up to 98% and has a neutral reflection color. Artglass™ is available with one side or two side anti-reflective coating on low-iron glass, regular float glass as well as on other types of glass, and it can be processed like conventional glass\*. Artglass™ is also available on laminated substrates, ensuring up to 100% UV protection and shatter resistance.



Photo: SCHOLLGLAS GmbH

Porsche Design store in Munich, Germany

# PRODUCT DETAILS

	COMPOSITION* (mm)	GLASS SUBSTRATE*	DIMENSIONS	
			Length (mm)	Width (mm)
ARTGLASS AR™	3-12	Low-iron Regular float	2250	3210
ARTGLASS AR PROTECT™	4.4, 6.4, 8.8, 10.8, 12.8, 9.5, 11.5, 13.5	Low-iron		

\* For other compositions and glass substrates please contact us at sales@groglass.com

**Artglass AR™** - the highest quality anti-reflective glass, used for the most innovative architectural applications. It offers unparalleled design possibilities, superior clarity and renowned durability. Artglass™ can be tempered, bent, laminated, printed on, bonded, drilled and subjected to various kinds of edgework.

**Artglass AR Protect™** - the highest quality, virtually invisible, laminated glass. It offers the highest UV protection and is a physical safety solution. In case of breakage, Artglass AR Protect™ remains attached to the laminating foil. Because of its durability and ease of handling, Artglass AR Protect™ is the preferred anti-reflective glass by the world's leading designers and architects.

## VISUAL, OPTICAL AND DURABILITY PERFORMANCE MEETS INTERNATIONAL STANDARDS

STANDARD	NAME	TESTED PROPERTIES
EN 1096-2	Glass in building - Coated glass - Part2: Requirements and test methods for class A, B and S coatings.	Condensation resistance test Neutral salt spray test Abrasion resistance test
DIN ISO 9211-4	Optics and optical instruments - Optical coatings - Part 4: Specific test methods.	Abrasion resistance test Adhesion test Crosshatch test
ISO 9022-2	Optics and optical instruments - Environmental test method - Part 2: Cold, heat and humidity.	Cold, heat and humidity resistance test Climate cycling test



# REFERENCES

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Top and right: The Rijksmuseum, Amsterdam, the Netherlands Photos: Julien Lanoo  
Left: Botanical Garden, Berlin, Germany

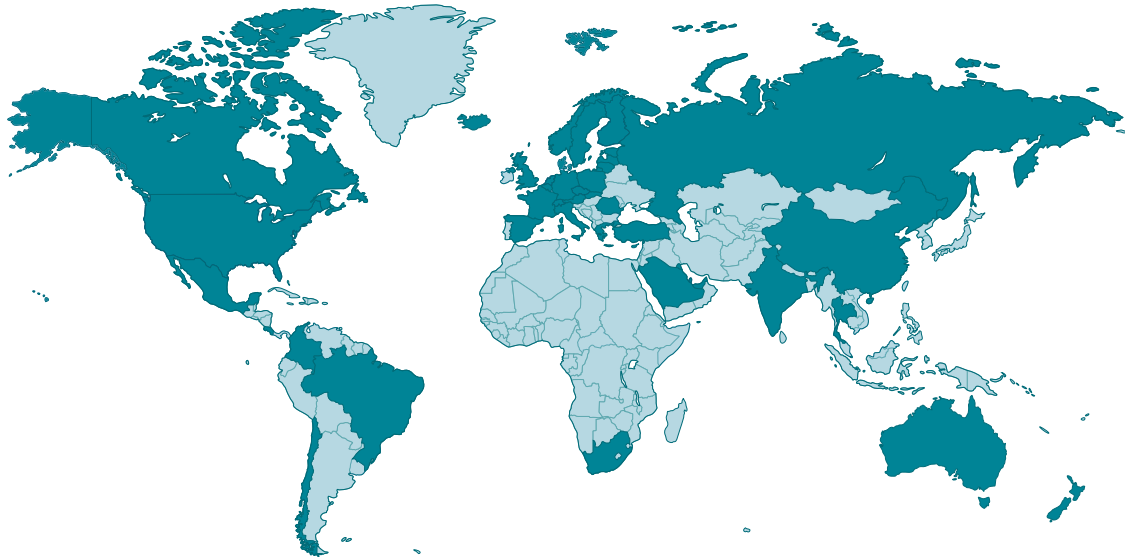
- Singapore Zoo, Singapore
- Porsche design store, Munich, Germany
- Dior stores, Chicago, USA
- Hugo Boss store, Madrid, Spain
- The Rijksmuseum, Amsterdam, the Netherlands
- The Imperial War Museum, London, UK
- The State Hermitage Museum, St. Petersburg, Russia
- The King Abdulaziz Museum, Dhahran, Saudi Arabia

\*Institutions listed above, are for informational purposes only and do not imply endorsement of any products by the institutions or their employees.

# ARTGLASS™ WORLDWIDE

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Artglass™ is the preferred anti-reflective glass globally. Artglass™ partners are located in Europe, Asia, North and South America, Middle East, Asia, Australia and Africa.



## APPLICATIONS

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- |                              |                          |
|------------------------------|--------------------------|
| Architectural interiors      | Display cases            |
| Facades                      | Balustrades              |
| Shop fronts                  | Store fixtures           |
| Museums                      | Lobbies                  |
| Panoramic restaurants        | Foyers                   |
| Showrooms                    | TV and recording studios |
| Luxury commercial decoration | Observation rooms        |
| Stadiums/arenas              | Display units            |
| Historical preservation      | Internal partitions      |
| Waiting rooms                | Interpreter/sound booths |
| Display windows              | Zoos                     |
| Artwork                      | Terrariums and vivariums |
| Cash dispensers              | Airports                 |
| Petrol stations              | Control towers           |

## ABOUT US

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Artglass™ is manufactured by Groglass® - located in Riga, Latvia. Groglass® delivers anti-reflective glass to more than 45 countries for a wide range of applications. Artglass™ premium architectural glass is used by glass processors and architects worldwide. Groglass® also delivers glass for picture framing and high-end electronic displays.

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