

# SCHOTT MIROGARD® Protect Ultra – Lightweight, Premium UV & Splinter Protection and very thin

Museums, collections and galleries all over the world have been relying on SCHOTT MIROGARD® for decades. The optical interference coated, anti-reflective glass protects precious artworks without detracting from the viewing enjoyment.

## More protection than other picture framing glasses

The laminated glass SCHOTT MIROGARD® Protect Ultra protects high-quality paintings, graphics and prints extremely well against the destructive effects of UV radiation. 99.9% of the damaging UV radiation in the 300 to 380 nm wavelength is absorbed and reflected.

In addition, the laminated glass MIROGARD® Protect Ultra offers the best possible splinter protection.

## Brilliant rendering of color without any annoying reflections

The high-quality anti-reflective coating with less than 1% residual reflection allows for undisturbed viewing of artworks. MIROGARD® Protect Ultra guarantees genuine colors with a general color rendering index of  $R_a = 100$ .

## Safe and easy handling thanks to its light weight

Due to the composite film we use, MIROGARD® Protect Ultra remains extremely mechanical stable, yet is light in weight. One m<sup>2</sup> weighs only 6.5 kg.

## Easy integration into existing frame solutions

Because it is only 2.95 mm thick, MIROGARD® Protect Ultra can easily be used in existing standard picture framing solutions.

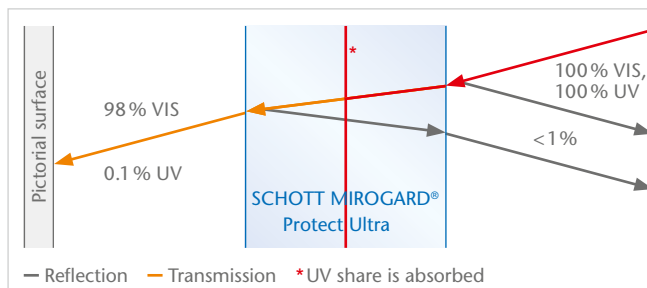


## Applications for picture glazing

- Museums
- High-quality art collections
- Galleries
- For ensured loans to exhibitions

## Benefits

- Anti-reflective coating
- Low specific weight
- Best possible color rendering
- Outstanding UV protection
- Splinter protection
- High mechanical stability



MIROGARD® Protect Ultra absorbs almost 100% of harmful UV light. Nevertheless, it still transmits nearly 100% of the visible light, with no annoying reflections and with the acknowledged excellent  $R_a = 100$  color rendering index of SCHOTT MIROGARD®.

## Specification MIROGARD® Protect Ultra

Glass thickness 2.95 mm (±0.2 mm)

Available in sizes up to 1,770 mm x 1,220 mm

|                               |                     |
|-------------------------------|---------------------|
| Visual reflectance            | <1%                 |
| Luminous transmittance        | 98%                 |
| General color rendering index | $R_a = 100$         |
| UV protection (300–380 nm)    | 99.9%               |
| Mechanical protection         | splinter protection |

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**SCHOTT**  
glass made of ideas