



Follow us:

Processed Glass – News Flash Glass for Museums 1/2015

Hot Topic: Protection for artworks “as light as a feather” with MIROGARD® Protect Ultra

The new, virtually invisible laminated glass from SCHOTT that is extremely lightweight offers outstanding UV protection in combination with shatter protection and is also extremely thin.

The new laminated glass [MIROGRAD® Protect Ultra](#) combines excellent UV and shatter protection with minimum thickness of only 2.95 mm. Switching over to [MIROGRAD® Protect Ultra](#) is easy too because it can be inserted into standard frame solutions with very little effort. Furthermore, the new laminated glass from SCHOTT is lightweight, weighing only 6.5 kg/m². Thanks to the composite film that is used, it is still mechanically stable and easy to transport.

With [MIROGRAD® Protect Ultra](#), glazing of artworks is now even safer in two respects.

On the one hand, the new laminated glass from SCHOTT offers 99.9% UV protection by absorbing UV rays of between 300 and 380 nm wavelengths.

On the other hand, [MIROGRAD® Protect Ultra](#) offers outstanding splinter protection, which makes transporting glazed artworks even safer.

To ensure that viewers can enjoy an undisturbed view of art, [MIROGRAD® Protect Ultra](#) is manufactured with a great deal of technical effort. By coating it using the sol-gel process, in other words by applying several layers of titanium dioxide and silicon dioxide, this high-tech picture glass becomes virtually invisible afterwards. This, in turn, results in brilliant color rendering without any annoying reflections. The general color rendering index of the new laminated glass from SCHOTT is $R_a = 100$ and the reflectance is less than one percent.



MIROGARD® Protect Ultra (left) versus ordinary pictures glazing (right).

Picture: Klimt, Gustav, 1862-1918. „Der Kuß“ (1907/08) Location: Vienna, gallery in Austria. ©ARTOTHEK

More >

Contact: Phone: +49 (0)6131/66-1812
Fax: +49 (0)6131/66-2525
email: info.architecture@schott.com

Advanced Optics, **SCHOTT AG**, Hattenbergstrasse 10, 55122 Mainz, Germany
Phone: +49 (0)6131/66-1812, Fax: +49 (0)6131/66-2525, info.architecture@schott.com, www.schott.com/architecture

You receive this email from SCHOTT Advanced Optics as a contact in our database, and we hope you find it interesting. To make sure you receive this email, please register the sender as a "safe sender". To unsubscribe, please click here.

Having trouble viewing this email? [View it in your browser](#)
Imprint