



**SCHOTT**  
glass made of ideas

**GOETHEGLAS  
RESTOVER®  
TIKANA®**

Glass for Restoration

SCHOTT is an international technology group with 130 years of experience in the areas of specialty glasses and materials and advanced technologies. With our high-quality products and intelligent solutions, we contribute to our customers' success and make SCHOTT part of everyone's life.

SCHOTT works closely with architects and designers to extend the boundaries of design and create new opportunities for building culture – in terms of design and space, indoors and outdoors, aesthetics and functionality. That's what makes SCHOTT a qualified partner for architecture.

**Cover:** The windows of the German Historical Museum located in a former arsenal in Berlin are special energy-efficient windows including RESTOVER® Glass for Restoration.

**Right:** The Palace of Tears at the Friedrichstrasse train station in Berlin classified as a historical monument received a glass facade including the restoration glass TIKANA® that closely resembles the original when it was renovated.

SCHOTT's Glasses for Restoration are the best choice for the faithful restoration of historical buildings from various eras – mimicking the appearance of the original glazing materials – GOETHEGLAS for buildings from the 18th and 19th centuries, RESTOVER® glass for buildings dating from the early 1900s and TIKANA® glass for buildings from the classical modern period – these glasses also meet any number of contemporary needs because of the wide variety of processing options available, from UV protection to thermal insulation.



## Accurate in style and true to the times

### Historical in form, innovative in function

Restoring historical monuments is a delicate task in which every aesthetic nuance is important. SCHOTT's Glasses for Restoration provide the wide range of materials that architects need to do the job right. Manufactured using the traditional Fourcault process, the look of the glass is based on historical window glasses from different eras.

#### GOETHEGLAS

GOETHEGLAS is a colorless, drawn glass with the irregular surface characteristic of window glass common to the 18th and 19th centuries. It can also be used to protect precious, leaded glazing from the elements and other adverse environmental conditions.

#### RESTOVER®

RESTOVER® resembles the window glass manufactured at the turn of the century. Its minimal thickness makes it easy to install in historical window frames and fittings. While the surface of RESTOVER® light glass is slightly less irregular, RESTOVER® plus glass has a much more irregular surface structure and resembles mouth-blown glass.

#### TIKANA®

TIKANA® glass is particularly well-suited for buildings in the Bauhaus style. Its slightly irregular surface harmonizes with buildings from the classical modern period. Like the other SCHOTT restoration glasses, TIKANA® glass offers every opportunity to link historical charm with modern physical building properties.

#### SCHOTT Glass for Restoration

- GOETHEGLAS for buildings from the 18th and 19th centuries
- RESTOVER® glass for buildings from the early 1900s
- TIKANA® glass for buildings from the classical modern period
- Also available with enhanced UV protection
- A wide variety of processing options (e. g. as laminated glass, with coatings or as insulating glass units)

Left: TIKANA® restoration glass was used during the renovation of the Bauhaus-Universität Weimar (Germany).

Right: RESTOVER® glass was chosen for the German Historical Museum in Berlin.







Bauhaus-University Weimar – Brendelsches Atelier

## SCHOTT Glass for Restoration

For monument authenticity in step with the times

SCHOTT enhances restoration glazing by integrating proven modern solutions, such as heat insulation-, sun-, UV-protection, secure overhead mounting, burglar resistance, soundprotection, which were unknown at the time of construction. Elements of these solutions include coatings and films, inert gas fillings between the window panes and a number of different spacers for insulating glass units, colored or otherwise. For example, an assembly made of TIKANA® glass provides heat insulation and sun protection without detracting from the appearance of the Van de Velde Building at the Bauhaus-Universität. While conventional PVB films only effectively protect against UV in the wavelength range between 280 nm and 380 nm, SCHOTT has developed a film that can be used with all SCHOTT Glasses for Restoration and reduces transmission from 57% to 8% in the range 380 nm to 420 nm.

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