



SCHOTT
glass made of ideas

**GOETHEGLAS
RESTOVER®
TIKANA®**

Glasses for restoration

SCHOTT is an international technology group with more than 125 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, for solar power and fire protection, aesthetics and functionality – sustainable and custom-tailored. That's what makes SCHOTT a qualified partner for architecture and design.

Cover: High-quality glasses for restoration at the Natural History Museum in Berlin were not only a perfect fit for the historical building structure, they also meet current energy conservation guidelines requirements.

Right: The windows of the German Historical Museum located in a former arsenal in Berlin are special energy-efficient windows made of RESTOVER® glass for restoration.

SCHOTT's restoration glasses have paved the way for the true – the original 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 a any number of contemporary needs thanks to the wide variety of processing options available, from UV protection to thermal insulation.



Accurate in style and true to the times

Historical in shape, innovative in function

Restoring historical monuments is a delicate task in which every aesthetic nuance is important. SCHOTT's restoration glasses 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 to 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.

Glasses 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 safety glass, with coatings or as insulating glass units)

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

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







Orangerie at Schloss Schwerin (Germany):
The historical character of the windows was preserved with RESTOVER® glass for restoration.

SCHOTT glasses for restoration

For monument loyalty in step with the times

Whether it's thermal, solar or UV protection you're looking for, secure overhead mounting, theft resistance or sound protection: even though these features were completely unknown when the building was first constructed, SCHOTT has adapted its restoration glasses for windows to suit contemporary needs. 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, a glass structure made of TIKANA® glass provides protection from heat and the sun 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 restoration glasses and reduces transmission from 57 to 8 percent in the range up to 420 nm. It can be used with all SCHOTT restoration glasses.

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