

SCHOTT Glass for Restoration – Accurate in style and true to the times. GOETHEGLAS, RESTOVER®, TIKANA®

Historical in form, innovative in function

SCHOTT Glass for Restoration is the ideal choice for faithfully restoring historical buildings from different periods while reproducing the look of the original: GOETHEGLAS is most suitable for buildings from the 18th and 19th centuries; RESTOVER® for buildings from the early 1900s; and TIKANA® for classical modernist architecture. The glass additionally meets current day requirements using the latest processing options ranging from UV protection to thermal insulation.

Restoring historical monuments is a delicate task in which every aesthetic nuance is important. SCHOTT's restoration glass provides the broad range of materials that architects need to achieve this. The traditional Fourcault process is applied in production, and the look is based on window glass used in different historical periods.



Orangery in Schwerin Castle © SCHOTT AG

GOETHEGLAS

GOETHEGLAS is a colorless, drawn glass with the irregular surface finish of window glass common to the 18th and 19th centuries. It can also be used as exterior protective glass; for example, to protect highly valued 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 enables easy installation into historical window frames and fittings. RESTOVER® plus and RESTOVER® light provide different grades of surface finishes to resemble traditionally blown glass.

TIKANA®

TIKANA® glass is particularly suited to buildings of the Bauhaus style. Its slightly irregular surface finish harmonizes with buildings from the classical modernist period. Like the other SCHOTT restoration glasses, TIKANA® provides an historical look combined with modern day building requirements.

Glass type	Thickness mm	Thickness tolerance mm	Max. dimensions mm x mm
TIKANA®	4.0	± 0.25	2,400 x 1,500
GOETHEGLAS	4.5	± 0.50	2,100 x 1,500
RESTOVER®	2.75	± 0.25	1,600 x 1,500
RESTOVER® light	2.75	± 0.25	1,600 x 1,500
RESTOVER® plus	2.95	± 0.35	1,600 x 1,500

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SCHOTT GOETHEGLAS

Babelsberg Castle,
Babelsberg, Germany
2014 | Dr. Krekeler Architects

Babelsberg Castle was built between 1834 and 1849. In the restoration of its building envelope, machine-drawn glass was used to preserve its historical features.

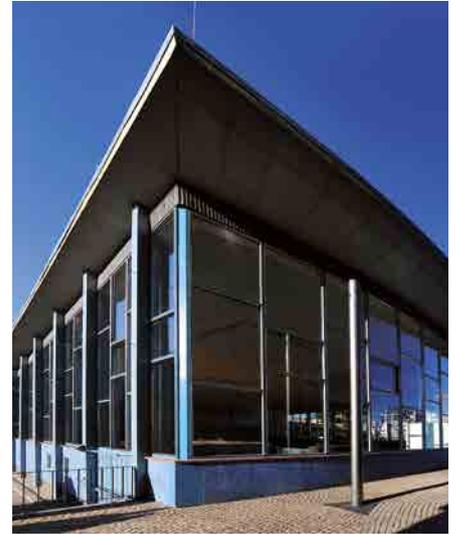
SCHOTT GOETHEGLAS was chosen to provide the range of glazing types required: monolithic and tempered glass and specialised insulated and laminated glass with horizontal butt joints.



SCHOTT RESTOVER®

German Historical Museum,
Berlin, Germany
2003 | Winfried Brenne

The windows of the German Historical Museum in Berlin were glazed using RESTOVER® restoration glass. The windows simultaneously serve as special climatic windows.



SCHOTT TIKANA®

Palace of Tears,
Berlin, Germany
2011 | Bollinger + Fehlig

The aim of this restoration was to retain and restore the character of the building as authentically as possible. This included using large glass areas with the same slightly irregular structure typical of the production process used in the 1960s.

TIKANA® restoration glass met the requirements of the historic buildings authorities. SCHOTT were able to reproduce the 6 mm glass thickness at the sizes required. To meet thermal insulation needs, TIKANA® was used for the interior and then combined with a float-glass pane with an insulation coating.

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