

SCHOTT
glass made of ideas

Glass for Restoration

RESTOVER®, GOETHEGLAS, TIKANA®

SCHOTT is a leading international technology group in the areas of specialty glass and glass-ceramics. With more than 130 years of outstanding development, materials and technology expertise we offer a broad portfolio of high-quality products and intelligent solutions that contribute to our customers' success.

Together with architects and designers, SCHOTT expands the boundaries of design and creates new options for architectural tasks. In form and space, inside and outside, aesthetically and functionally. This makes SCHOTT an expert partner in the field of architecture.

Restoring buildings is a sensitive task in which details matter. SCHOTT glass for restoration provides a diverse range of products that architects and designers need. The glass products are manufactured using the traditional Fourcault process and recreate the look of window glass from different eras.

SCHOTT glass for restoration is the right choice to authentically restore and recreate the look of buildings constructed in different historical eras:



RESTOVER®

For buildings from the period around 1900

4



GOETHEGLAS

For buildings from the 18th and 19th centuries

12



TIKANA®

For classical modern architecture

16

A wide range of processing options also provides the glass with the latest features – from UV protection through to thermal insulation.

Preserving cultural properties together



RESTOVER®

Château de l'Aile Vevey VD (Built 1840–1846)

Between 1840 and 1846, at the Grande Place in Vevey, the Château de l'Aile Vevey VD became one of the main neo-Gothic structures in the Canton of Vaud as well as a precursor building for Switzerland as a whole



The windows have a rounded “Wolfsrachen” closure design and were faithfully reproduced using SCHOTT RESTOVER®. Thin panes of insulating glass provide the necessary heat insulation. A final detail in recreating the windows was replicating the espagnolette window locking devices.



The front windows in the Château de l'Aile Vevey were reconstructed using thin SCHOTT RESTOVER® glass. The interior windows were also renovated using the original fittings.

RESTOVER®

Palazzo Comacio Roveredo GR
(Built 1670)





Restored using SCHOTT RESTOVER®, frames made from oiled chestnut wood



RESTOVER®

Biedermeierhaus, Speicher AR



RESTOVER® reproduces window glass manufactured around the turn of the century. Its reduced thickness enables easy installation in historical window frames and profiles.

RESTOVER® light and RESTOVER® plus have a handblown appearance with less or more structured surfaces respectively.

Dual-sash exterior windows installed with SCHOTT RESTOVER® insulating glass in the existing single-pane window casements.



Images: Vogel Fensterbauer AG, Coldach, Switzerland

RESTOVER®

Residential property, Waldkirch SG
(Built approx. 1450)





SCHOTT RESTOVER® windows,
oiled larch wood frame

Architect:
Sensible Architektur Bühler

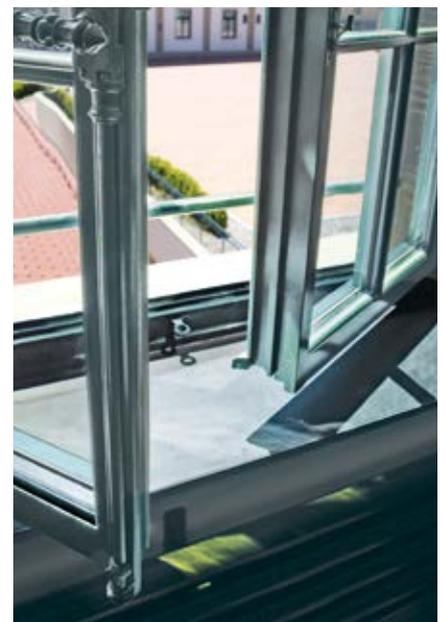
GOETHEGLAS

Car Museum, Safenwil AG
Rhomberg Bau AG
(Built around 1920)





GOETHEGLAS is a colourless, drawn glass with the distinctive irregular surfaces of historical window glass, especially from the 18th and 19th centuries. It is also ideal as exterior protective glass, e.g. to protect valuable leaded glazing from environmental and weather hazards.



Conversion from double-glazing to GOETHEGLAS insulating glass windows



GOETHEGLAS

Fahr Monastery, Aargau

The Fahr Monastery is a Benedictine convent which has belonged to the Einsiedeln Abbey since its foundation around 1130.



Fittings: tin-plated angled strips
Insulating GOETHEGLAS used on the outside

Architect: Castor Huser

TIKANA®

Einsiedeln Abbey SZ
(Built from 1719)



The Einsiedeln Abbey is a Benedictine abbey in the Einsiedeln municipality within the Canton of Schwyz. The abbey's main building is the dual-spired collegiate church that was built from 1719 until its consecration in 1735. It was designed by Caspar Moosbrugger and is considered to be the most important baroque church building in Switzerland.



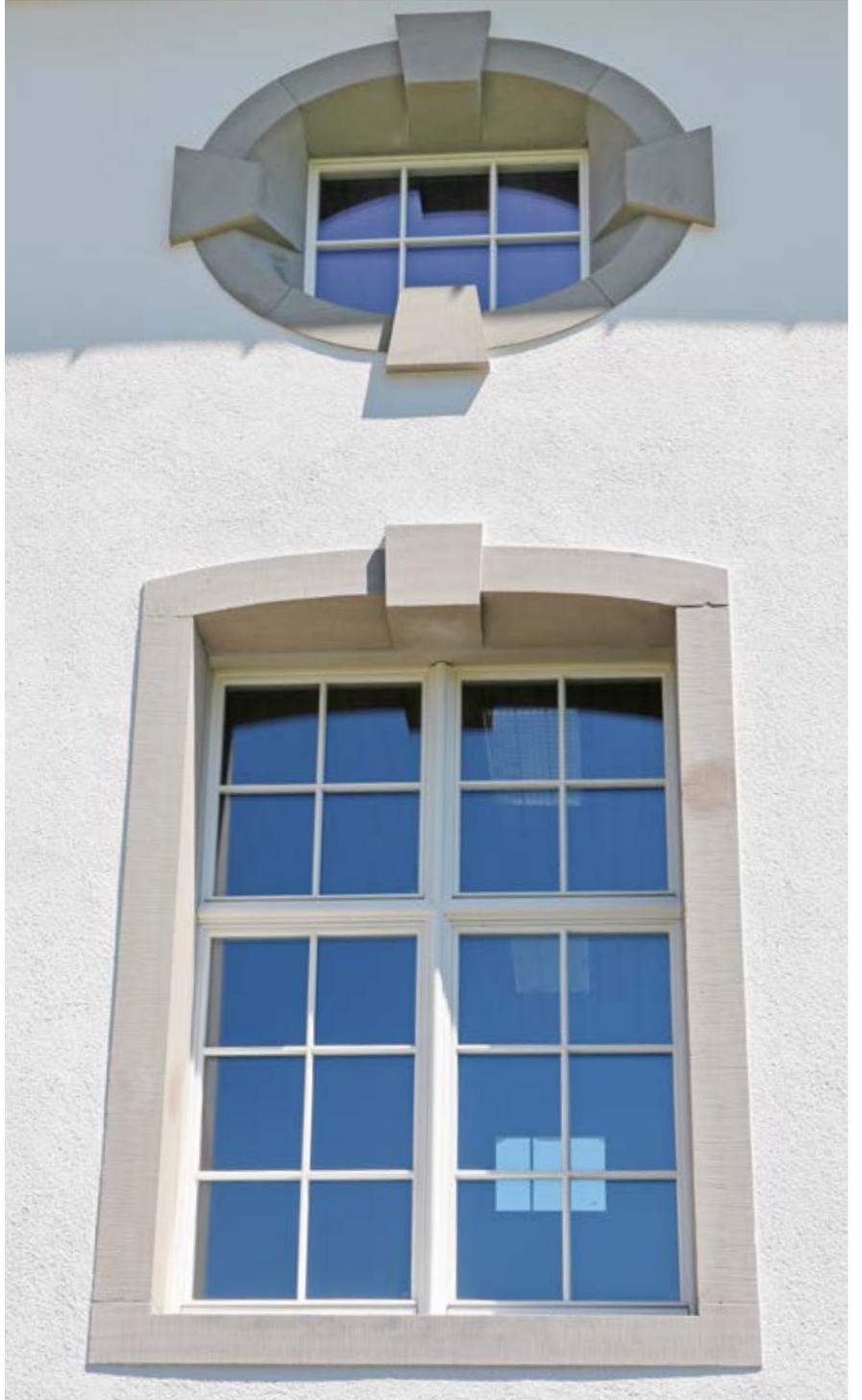
Main facade of the Einsiedeln Abbey with SCHOTT TIKANA® windows, frames made of oiled pine wood





Full restoration is taking place from 2013 to 2022 and aims to recreate the original Baroque appearance which to some extent had been distorted by earlier renovations. The new renovation uses SCHOTT TIKANA® in the main exterior of the Einsiedeln Abbey. The glass has a slightly irregular surface to blend harmoniously into the overall image, and combines a historical look with modern building properties.





Images: Vogel Fensterbauer AG, Coldach, Switzerland

The work on the windows carried out by:



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