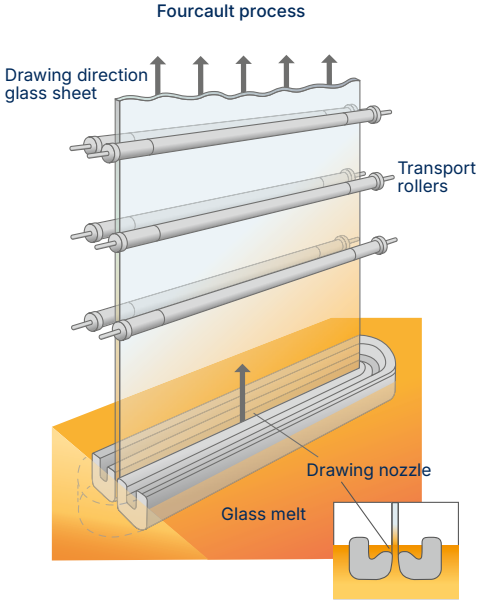
Machine-drawn glass for restoration

Historical appearance and contemporary functions with glass for restoration
GOETHEGLAS, RESTOVER®, TIKANA®

Production and usage

- Are created as glazing that corresponds to the historical epoch of a building.
- Offer the typical surface characteristics of glass from different historical epochs while also capable of being processed as state-of-the-art insulating and laminated glass.
- Are produced using the traditional Fourcault process. The glass is drawn vertically upwards from a liquid melt through a nozzle into a drawing shaft. In addition, depending on the product, they are more or less wavy.
- Due to their irregular surface structure, they are the right choice for the faithful restoration of windows and doors in historical buildings and monuments from different epochs.
- Are also suitable for glazing historical display cases and furniture as well as historical mirrors.
- Have the European Technical Assessment ETA-12/0159 from the German Institute for Construction Technology, i.e. depending on the glass thickness, they can be processed into standard building products such as toughened safety glass, laminated safety glass and insulating glass.



Processing

- Further processing into laminated glass using a variety of films:
  – Standard PVB films when processed into laminate glass e.g. for protective glazing
  – Special UV or IR filter films to meet increased light requirements
  – Sound insulation film to reduce noise pollution in buildings
- Thermal toughening to increase break resistance
- Placing the glass for restoration as the outer pane of the insulating glass
- Use of sun protection layers on selected types of glass for restoration
- Particularly thin insulating glass of approx. 10 mm possible
- Can be combined with vacuum insulating glass

SCHOTT

Product variants and dimensions

GOETHEGLAS

GOETHEGLAS is a colorless, drawn glass with the distinctive, irregular window glass surface typical of the 18th and 19th centuries. It is also suitable as exterior protective glass, e. g. to protect valuable lead glazing from the impact of the weather and the environment.

RESTOVER®

RESTOVER® resembles window glass manufactured around the turn of the last century. Its low thickness facilitates installation in historical window frames and profiles. RESTOVER® light and RESTOVER® plus can provide a less or more textured surface variant resembling traditional blown glass depending on individual requirements.

TIKANA®

TIKANA® blends in harmoniously with a slightly irregular surface structure into buildings of the classical modern and the Bauhaus style. Like the other SCHOTT glass for restoration variants, TIKANA® enables an historical look to be integrated into state-of-the-art structural features.

Glass type	Thickness mm	Thickness tolerance mm	Max. dimensions mm x mm
GOETHEGLAS	4.5	± 0.50	2,700 x 1,500
RESTOVER®	2.0	± 0.25	2,100 x 1,400
	2.75	± 0.25	2,400 x 1,500
	4.0	± 0.25	2,700 x 1,500
RESTOVER® light	2.75	± 0.25	2,400 x 1,500
	4.0	± 0.25	2,700 x 1,500
RESTOVER® plus	2.95	± 0.35	2,100 x 1,500
TIKANA®	4.0	± 0.25	2,700 x 1,500
	6.0	± 0.50	2,700 x 1,500

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