

# TECTUS<sup>®</sup> Glass

**Flush glass doors in the limelight**

Minimalist, Elegant, Transparent





# TECTUS® GLASS – FLUSH GLASS DOORS IN THE LIMELIGHT

With the hinge system TECTUS Glass, SIMONSWERK has developed an aesthetic and functional solution for the holistic, flush-fitting installation of glass doors. Door leaf, frame and hinge system lie in one plane – the best prerequisite for minimalist design in combination with maximum transparency.

## THE CONCEALED HINGE SYSTEM

A generous glazing, for example in offices or private living areas, serves the purpose of acoustic protection and the creation of targeted insights and views. Such a concept often goes hand in hand with the desire for a minimalist design. The hardware system TECTUS Glass gives the glass door unprecedented light and transparency. The flush surface of the door leaf, frame and hinge creates a fascinating filigree with aesthetic technical hardware details. The overall element of the door is clearly and consistently expressed in the language of form, thus supporting the realization of contemporary interior design concepts.

## THE MAGNETIC CLOSURE

The closing magnet KC 50 as well as the door-side magnetic plate KC 50/G enable a contactless and silent closing process, which can be individually adapted to the desired closing behaviour of the door. The hardware solution is completed by a shapely handle matched to the hinge and the design element of the door. The installation of standard commercially available hardware components is also possible along with the use of SIMONSWERK's suitable components.



reddot award 2018  
winner





Hinge system  
TECTUS® TEG 310 2D

# TECTUS® GLASS – HARMONIOUS IN DETAIL AND TECHNICAL PRECISION

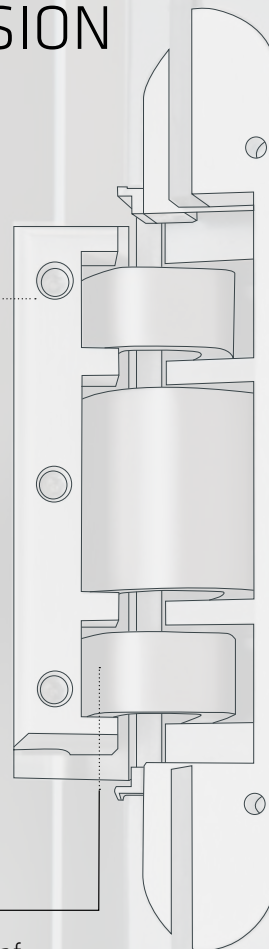
## **INTEGRAL FLUSH MOUNTING**

Minimalist hinge dimensions create maximum transparency of glass doors – with a simultaneous load capacity of 60 kg. This corresponds to a glass door with the dimensions of approx. 10 x 1000 x 2300 mm.

In principle, single-pane safety glass doors in 8 and 10 mm thickness can be used. As TECTUS Glass does not require glass processing on the door, the glass elements can be used variably right/left and up/down.

## **THE HINGE BODY**

The integrated U-profile picks up the door leaf and ensures the perfect fit of the glass pane. The adjustment of the correct door position is easy and flexible due to the floating clamping. By tightening the clamping screws, the secure attachment takes place.



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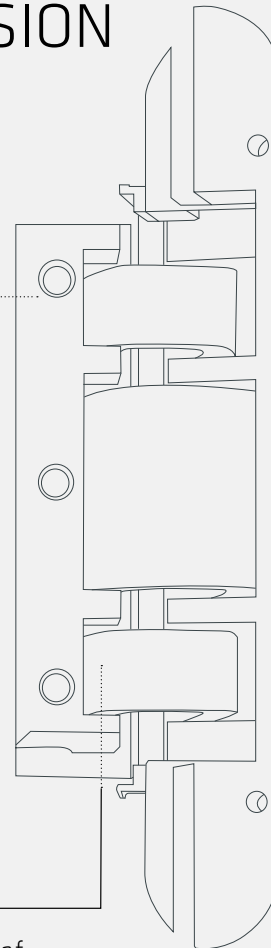
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# HARDWARE FOR GLASS DOORS

SIMONSWERK offers a solution for glass doors, which not only includes the hinge system TECTUS Glass, but also, as an alternative to commercially available components, a magnetic closure and handle variants. The special feature: The entire assembly requires no glass processing.



## **TECTUS® TEG 310 2D**

for glass doors up to 60 kg

Finishes:

- › Satin Stainless Steel
- › Matte Pure Grey (NCS S 8000-N)
- › Traffic White (similar to RAL 9016)
- › other finishes available upon request

## **MAGNETIC CLOSURE AND HANDLE**

The magnetic closure, consisting of the closing magnet KC 50 for the frame and the magnetic plate KC 50/G for the glass door, forms an aesthetic and elegant unit with the handle KC 17, which is adapted to the system - applicable for timber, steel and aluminium frames.



**Handle**  
KC 17



**Magnetic Plate**  
KC 50/G



**Closing Magnet**  
KC 50







Magnetic closing with handle variant

# AESTHETIC CLOSING COMPONENTS – COMPLETION OF THE HARDWARE SYSTEM



## THE CLOSING MAGNET

The closing magnet KC 50 in the frame is contactless and noiseless. The permanent and reliable closure can be adjusted individually.



## THE HANDLE

The handle KC 17 adapts ideally to the appearance of the flush glass door. The fixation is simple, stable and durable with the help of a positioning template and the adhesive strip already applied to the handle.

## THE MAGNETIC PLATE

The magnetic plate KC 50/G is stuck permanently on the main closing edge of the glass door and is thus barely visible.



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# TECTUS GLASS – THE ADVANTAGES AT A GLANCE

In addition to the completely new, flush glass door optics and the silent closing, a major advantage of TECTUS Glass is that no glass processing is required. The door leaf made of ESG-glass can be used on the right/left, as well as up/down, which leads to a reduction of storage and simplifies assembly and the order processing.

## **PRODUCT FEATURES**

- › door leaf, frame and hinge system are flush
- › glass manipulation is not necessary
- › comfortable installation
- › contactless and silent closing process
- › suited to the interior construction of residential and heavy-duty buildings
- › suitable for 8 - 10 mm ESG-glass
- › load capacity up to 60 kg (up to 80 kg deliverable from the 4th quarter of 2018)
- › for timber, steel and aluminium frames
- › Finishes: Satin Stainless Steel, Matte Pure Grey, Traffic White
- › stable hinge kinematics for reliable and durable function
- › continuous side and height adjustment
- › opening angle up to 180°





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**[www.simonswerk.com](http://www.simonswerk.com)**



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