

It all hinges on excellence.

SIMONSWERK



Self-closing hinge systems

for glass doors

Hinges with integrated self-closing system

Every object deserves its own style. This is achieved with our self-closing door hinges on glass doors. Whether contrasting, homogeneous, eye-catching or restrained – thanks to the choice of materials, every passageway receives the accentuation that suits it.

At glass doors self-closing hinge systems with self-closing function allow constant and controlled door closing and are characterized by versatility, safety, functionality and durability. Designed and manufactured for use on interior and exterior doors, all requirements for innovative door closers are met.





Ideal for upscale residential and commercial buildings

The self-closing door hinges are versatile due to their strong characteristics. Whether in commercial or residential applications, on interior or exterior doors, the selection of screw-on and pivot hinges for double- and single-action doors as well as knuckle hinges for single-action doors allows flexible planning and a long service life.





In residential use self-closing hinge systems complete architectural concepts.



Representative glass doors for the protected outdoor area receive the finishing touches due to self-closing hinge systems.



Self-closing door hinges are an ideal choice for commercial applications.



The technical concept – hinges with door closing function

The integrated self-closing damping system ensures a smooth and controlled closing process. There is no repeated swinging of the door in the zero position area. The doors can be realized with door push handles or with suitable latch lock and counter box. The glass door does not “slam”. The latch of the lock is quietly and safely pulled into the strike plate. This prevents damage to the glass, door hinges and lock, as well as noise pollution. A continuous adjustment on the hinge allows the individual adjustment of the closing speed to any door weight, any door width and the walking speed of the user (e.g. senior citizens and children) is possible. The self-closing hinges are protected by international patents and have a TÜV certification in accordance with EN 1154:2006.

Advantages at a glance

- reduced risk of injury
- optimal for use in barrier-free areas
- use of a 3rd hinge possible
- large doors can be realized
- very easy and quick installation
- compatible with partition wall systems
- large variety of finishes
- suitable for damp locations
- possible applications for interior and exterior
- complementary functions possible, e.g. wind brake, zero position adjustment, adjustable end swing, etc.





- 1 – hydraulic closing
- 2 – adjustability device
- 3 – glass-to-glass installation
- 4 – wall-to-glass installation

BILOBA**EVO****VERTO**

Our product brands for glass doors

Our self-closing hinge systems are defined by a clear and elegant design and are characterized by particularly high quality and functional reliability. Ease of installation, maximum performance and reliability are at the forefront in the development and production of the self-closing hinge systems.

BILOBA - The self-closing screw-on hinge system for glass doors

The hinge system for double- and single-action doors: The BILOBA screw-on hinge has an automatic self-closing function thanks to integrated self-closing damping. It is internationally patented and tested in over one million opening cycles. The adjustable closing speed enables ideal adaptability to user needs.

EVO - The self-closing knuckle hinge system for doors

EVO is the hinge for single-action doors with an elegant knuckle hinge look. Thanks to the self-closings housed in the hinge, the self-closing door hinge takes up considerably less space than a screw-on hinge. As a result, its reduced design enhances the effect of the door leaf. It is suitable for both interior and exterior applications protected from driving rain.

VERTO - The self-closing pivot hinge system for doors

VERTO, the self-closing hinges for pivot doors, ensure automatic, constant and controlled closing of the door with adjustable speed. The hinges have a puristic design and are suitable for quick and easy installation in any environment.



BILOBA

The self-closing
screw-on hinge system
for glass doors



BILOBA – the self-closing screw-on hinge system for glass doors

Thanks to a wide variety of finishes and an individual, aesthetically high-quality design, the classic door hinge BILOBA for single- and double-action doors is suitable for many application areas.

Wide range of applications

BILOBA comes into its own in office and administrative buildings as well as in showrooms, museums or sophisticated catering establishments.



BILOBA is suitable for wall-to-glass installation (fixing brackets on one or both sides) and glass-to-glass installation on both sides.

Various high-quality surfaces are also available.

← ↓





↑
As a glass-glass
version with central
fixing, BILOBA supports
transparent room
concepts, for example
in offices.

In demanding objects, where a
smooth and controlled closing
sequence is required, BILOBA
with its integrated self-closing
damping is the best choice.

←



↑

Thanks to a continuous regulation, the individual adjustment of the closing speed to any door weight, door width and the walking speed of the users is possible.



←

The installation of BILOBA is worthwhile wherever controlled self-closing of doors is required by law or for technical reasons.

The doors are effortlessly opened manually and close automatically at the set speed.

↓





EVO

The self-closing
knuckle hinge
system for doors



EVO – the self-closing knuckle hinge system for doors

EVO is the elegant hinge system for one-sided opening glass doors in classic knuckle hinge look.

First choice for office and administration

EVO is primarily installed in office and administration buildings. However, the door hinge is also excellent for separating specific areas in medical practices or in high-end residential buildings, such as large apartments with a lot of space.

EVO for single-action glass doors is the first hinge system with adjustable closing and constant brake control.

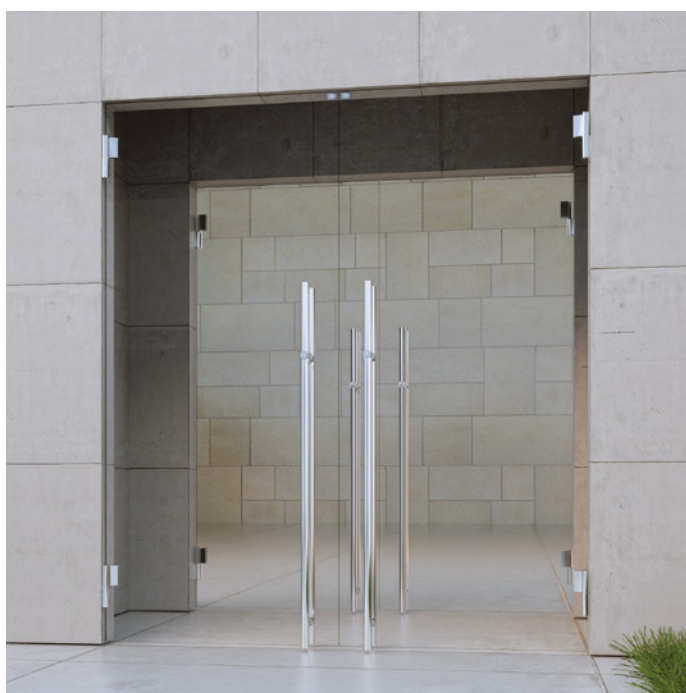




EVO features shock absorption, which is particularly useful for glass-to-glass installation.



The door hinge with adjustable closing and constant brake control for glass doors is suitable for all opening angles up to 180°.





←

In high-end residential construction, the door hinge allows reliability and aesthetic quality in every detail.



↑

The hinge system EVO is excellent for separating specific areas.



EVO is primarily installed in office
and administrative buildings.

VERTO

The self-closing
pivot hinge system
for doors



VERTO – the self-closing pivot hinge system for doors

Pivot hinges for single- and double-action use: VERTO's purist look predestines the hinges for installation in any type of environment, both outdoors and indoors, on glass doors. At the same time, they support a high-quality architectural concept with the authentic door material glass.

Elegance, flexibility, design freedom

The different versions are used on doors in residential areas as well as on heavy-duty doors and ensure controlled closing of the door in any case. The portfolio also includes completely concealed hinges for flush room constructions, for example in shopping centers, office and commercial buildings.



←

The self-closing hinge VERTO with glass-wall fixing is used in many high-quality projects.

VERTO for heavy double-action glass doors up to 150 kg with integrated self-closing function convinces with the elegant, minimalist design. Shock absorbers and extremely strong braking ensure controlled, low-noise operation of the door.

→

→
This self-closing
door hinge
invisibly ensures
automatic
closing of the
door. It combines
technical
efficiency and
innovation in an
exclusive door
hinge system.





Oversized, heavy glass doors can
be easily realized with VERTO.



VERTO is suitable for
coherent concepts
in the interior.



On doors for the protected
outdoor area, maximum
transparency between indoors
and outdoors can be achieved
thanks to VERTO.



Standard finishes

EV1 satin silver natural,
anodized 20 micron (CO 002)



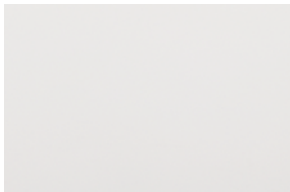
Satin black anodized (CO 005)



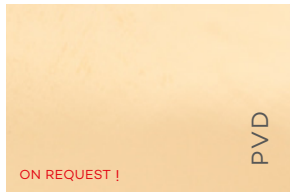
Imitation satin stainless steel (CO 013)



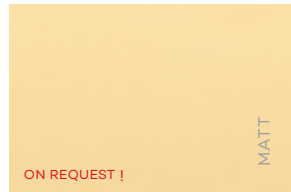
polished Chrome (CO 014)



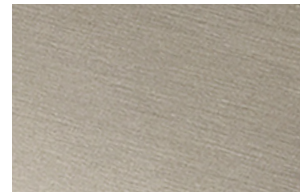
Imitation matt chrome liquid
electrostatic coated (CO 015)



polished gold (CO 016)



matt gold (CO 017)



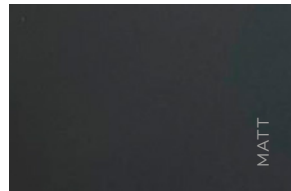
Brushed stainless steel (CO 031)



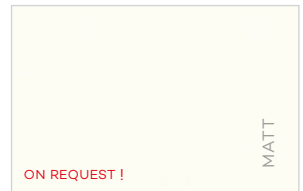
Polished stainless steel (CO 032)



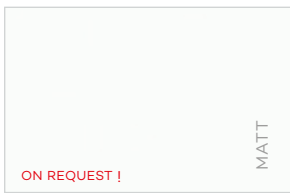
Polished (CO 047)



RAL 9005 matt liquid electrostatic
coated (CO 062)



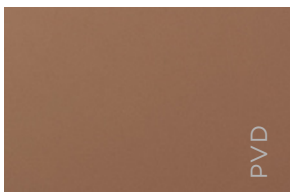
RAL 9005 matt liquid electrostatic
coated (CO 088)



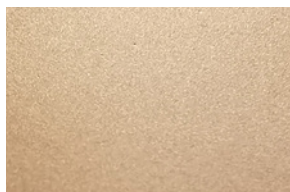
RAL 9016 matt liquid electrostatic
coated (CO 095)



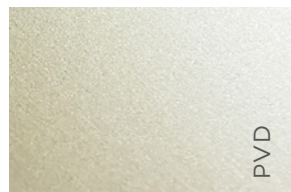
COLO2 | Finish Folder

Special finishes

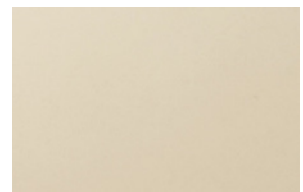
Polished bright bronze (CO 066)



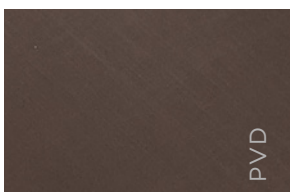
Satin mat bronze (CO 067)



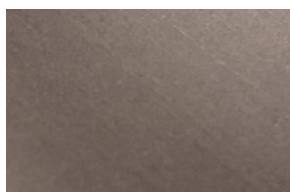
Polished bright champagne (CO 068)



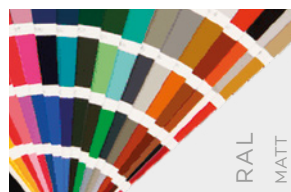
Satin mat champagne (CO 069)



Polished bright gunmetal grey (CO 070)



Satin mat gunmetal grey (CO 071)



RAL | Liquid electrostatic coated



COLO3 | Special Finish Folder

PVD – Physical Vapour Deposition

Metal coating that ensures: exceptional resistance to abrasion, resistance to oxidation, innovative and durable colouring.

Ask our sales dept for minimum order, for a quotation and delivery time.

Guide to choose the finishes

Finishes		Internal				External			
		Alu	Brass	Zamak	Inox	Alu	Brass	Zamak	Inox
EV1 satin silver natural, anodized 20 micron	02	4				4			
Satin black anodized	05	4				4			
Imitation satin stainless steel	13	4	4	4		2	4	4	
polished Chrome	14	4	5	4		3	5	4	
Imitation matt chrome liquid electrostatic coated	15	4	5	4		3	5	4	
polished gold	16	4	4			2	4		
matt gold	17	4	4			4	4		
Brushed stainless steel	31				5				5
Polished stainless steel	32				5				5
Polished	47	4				4			
RAL 9005 Liquid electrostatic coated	62	4	4	4	4	4	4	4	4
Polished bright bronze	66	4	4			2	4		
Satin mat bronze	67	4	4			2	4		
Polished bright champagne	68	4	4			2	4		
Satin mat champagne	69	4	4			2	4		
Polished bright gunmetal grey	70	4	4			2	4		
Satin mat gunmetal grey	71	4	4			2	4		
RAL MATT Liquid electrostatic coated	RAL	4	4	4		4	4	4	

Legend

Corrosion resistance: 1 low – 2 moderate – 3 high – 4 very high – 5 excellent

All patch fittings with body in “22” finish and stainless steel covers have a strength of 5.

In the case of aluminum covers the resistance is indicated in the table above.

Caution

For installations in particular environments or climate (ex. wet, acid, saline) consult sales office first.

External doors

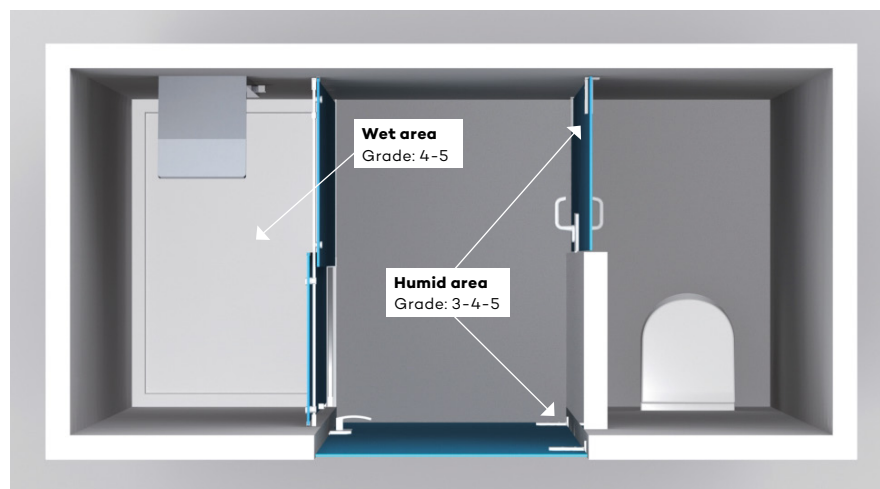
The finishes available are: 31 – 32 – RAL – 62

Not recommended finishes are: 02 – 05 – 14 – 15 – 16 – 17

Damp rooms

Wet area: spaces in direct contact with water

Humid area: spaces not in direct contact with water but humid



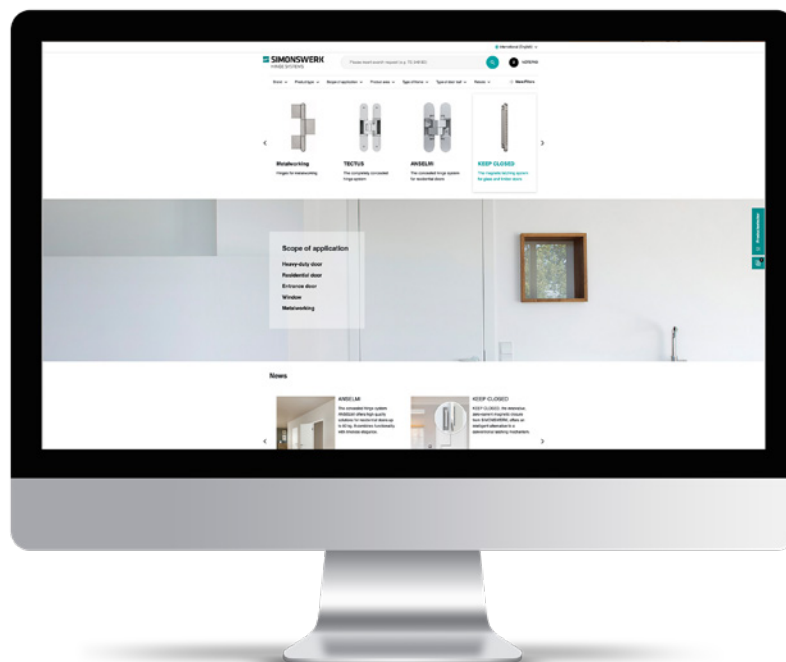
Service – comprehensive expertise for your daily work

We are happy to provide you with all the documentation you need to determine the most suitable hinge system for your building project. Please contact us: we would be delighted to work with you to choose the best solution – from high-quality standard elements right up to the most complex solutions.

All our brochures and data sheets can be requested in a printed version, or you can simply download them on the spot.

Our friendly and knowledgeable application engineers will be pleased to help you and advise you.

www.simonswerk.com





SIMONSWERK

Self-closing hinge systems
for glass doors

SIMONSWERK GmbH

Bosfelder Weg 5
33378 Rheda-Wiedenbrück
Germany

☎ +49 5242 4130

✉ info@simonswerk.com

www.simonswerk.com

Member of the
**SIMONSWERK
GROUP**

© SIMONSWERK GmbH
2/2025, 5 800599 0 00001/2.0
Subject to technical modifications.

