

It all hinges on excellence.

SIMONSWERK



LOOK BOOK



It all hinges on excellence.

A story that brilliantly combines both modern and traditional: For over 130 years, SIMONSWERK has stood for unique quality and innovation. With excellent products and services, SIMONSWERK creates perfect design and outstanding architecture.

The company's success is characterised by the highest standards of quality and design, close customer relationships and continuous innovation. SIMONSWERK always offers the right hinge system for a wide range of requirements for heavy-duty, residential and entrance doors.

From standard to extraordinary, from tone-in-tone to rich in contrast, for all materials – there are no limits to a convincing design for extraordinary room effects.

Application areas

The modern, premium products are the basis for demanding, individual design and support sophisticated room concepts. They provide detailed answers to the most diverse requirements of the various application areas and door materials – from timber and glass, to PVCu and aluminium.

Doors in architecture vary depending on the area of application, such as in heavy-duty or residential buildings, but also in terms of load capacities, dimensions, design or stress. SIMONSWERK offers suitable hinge solutions for all structural and design requirements as well as technical challenges.



Residential buildings

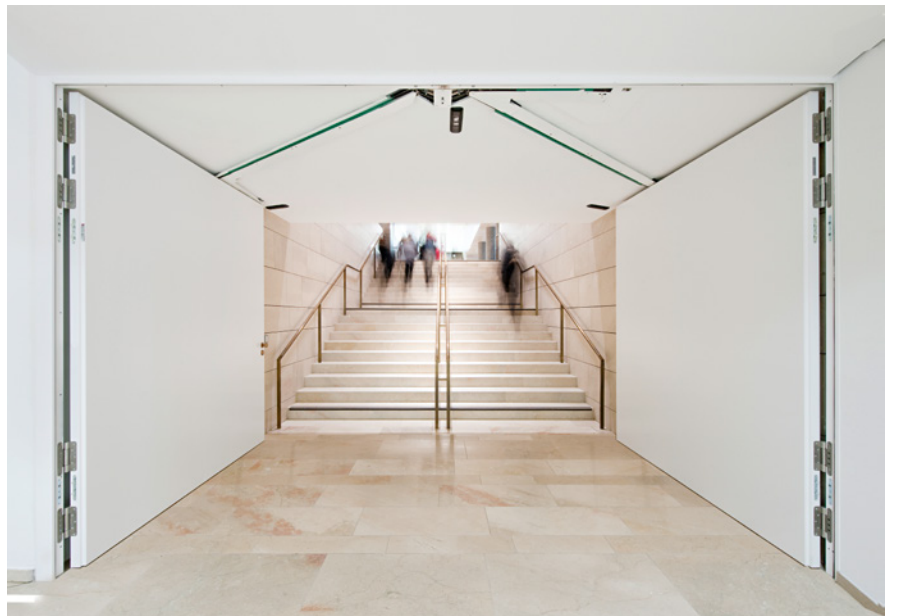
The SIMONSWERK portfolio includes beautifully designed and functionally impressive door hinges for the home. Individual design options lend personality to the private space and thus contribute to the creation of spatial identity – crucial for the user's sense of well-being.





Public buildings

Aesthetically and functionally sophisticated hinges from SIMONSWERK complete the doors in high-end buildings. In the public sectors, the customised, modern hinge range is used in heavily frequented passageways and prestigious entrances as well as in oversized exits.





Office buildings

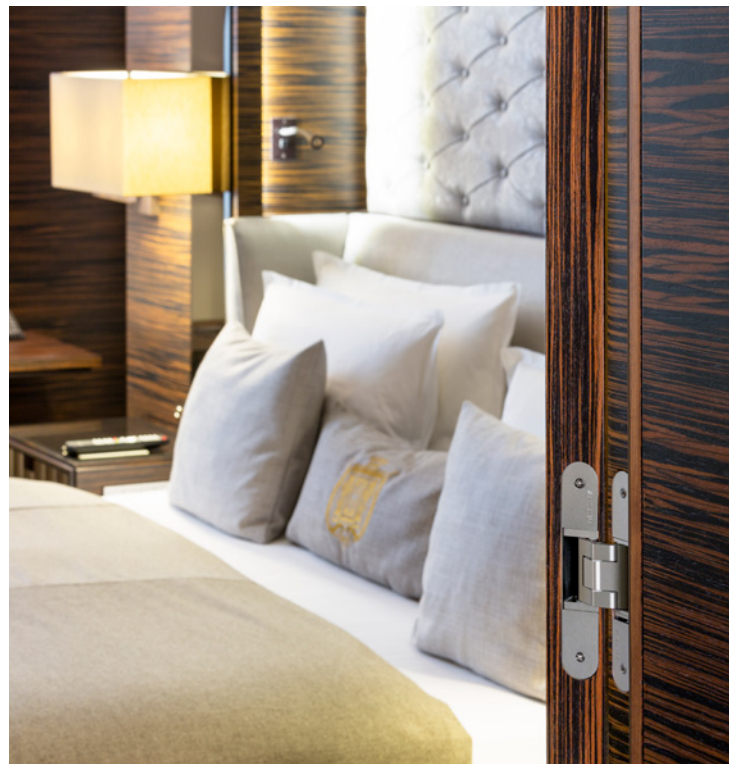
In high-end office buildings, reliability and aesthetic quality down to the last detail are of highest relevance. Specific areas must be excellently separated from one another and glass doors have to close securely and in a controlled manner – SIMONSWERK provides the hinge systems for these requirements.





Hospitality

Representative entrances, resilience to heavy traffic, a permanently impressive appearance and a variety of finishes for exclusive interior design: SIMONSWERK hinges are the first choice for premium hotels and restaurants. Not least because they fulfil high safety requirements.



Form follows function

Hinge systems from SIMONSWERK are customised for high demands and ensure maximum functionality whilst enabling holistic design concepts thanks to their aesthetic design.

They guarantee an optimum connection between door and frame, create convincing flush room concepts, can carry extremely high and heavy doors – and inspire with a wide range of finishes and materials.

1_Flush mounting

Concealed hinge systems for flush room concepts

2_Dimensions

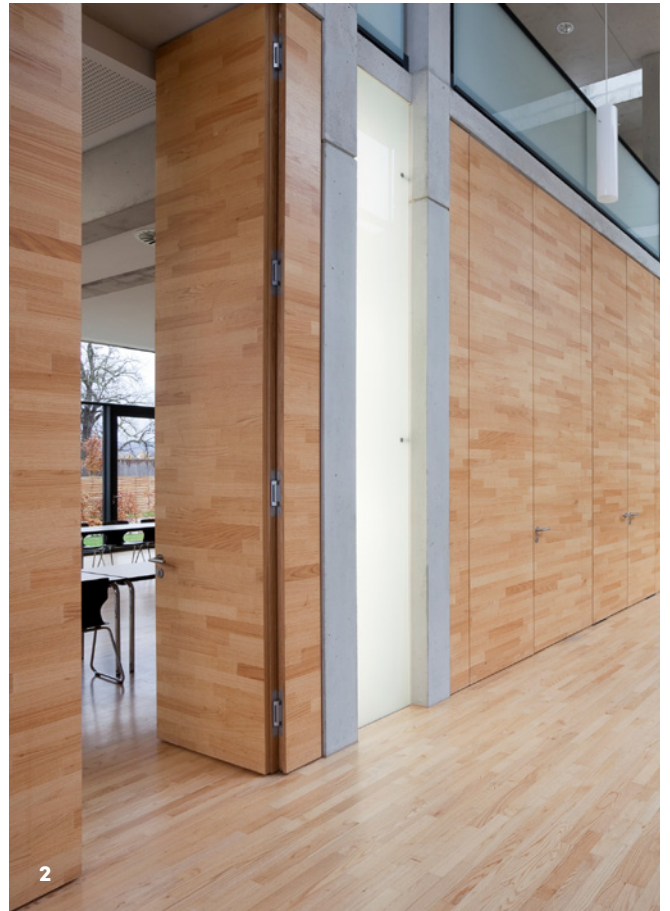
Premium hinge systems for various heavy-duty doors

3_Functions

Hinge systems that fulfil highest demands regarding security

4_Finishes and material

A wide range of colours and materials for every need





Flush mounting

Flush room concepts are becoming increasingly popular in modern living and office concepts. Their minimalist design and elegant aesthetics make them an attractive choice for any room. The product brands TECTUS and ANSELM I provide planners with concealed hinges for totally flush doors.



Flush doors are known for their seamless integration into the surroundings. Unlike traditional doors, they are flush with the wall. This creates a harmonious and modern appearance that makes the room appear larger and more open.









The deliberate avoidance of superfluous elements creates a minimalist and aesthetic ambience that is reduced to the essentials.



Thanks to different surface finishes, the hinge system can be optimally and harmoniously adapted to a wide range of architectural concepts or used as an eye-catcher when the door is open.







Dimensions

From a wide range of hinges, the hinge system can be individually selected in terms of dimensions, proportions and characteristics in order to fit to the overall door system.

SIMONSWERK offers perfect hinge solutions for extraordinary heavy loads and door sizes that far exceed the standard.

Ceiling-high doors and extra-wide doors find their equivalent in door hinges from SIMONSWERK.



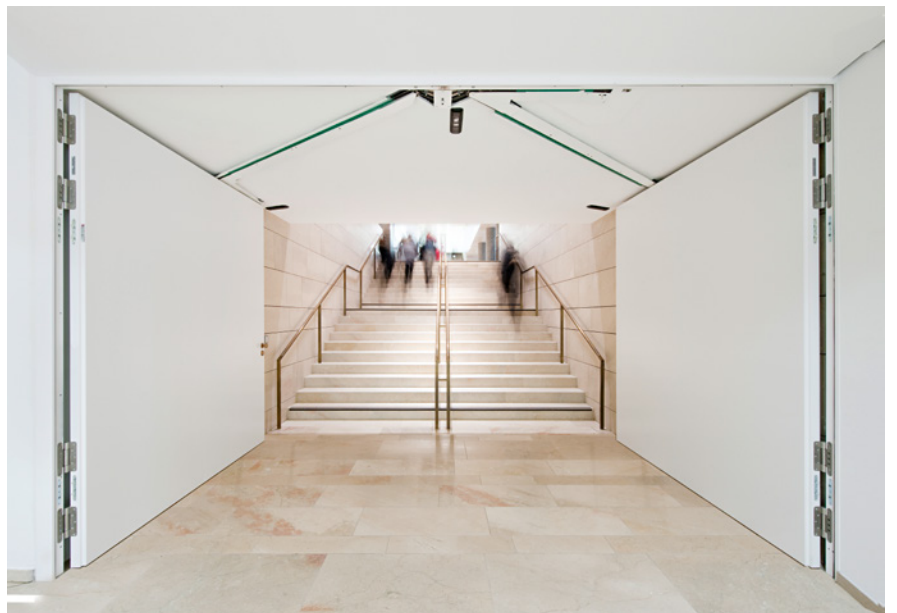
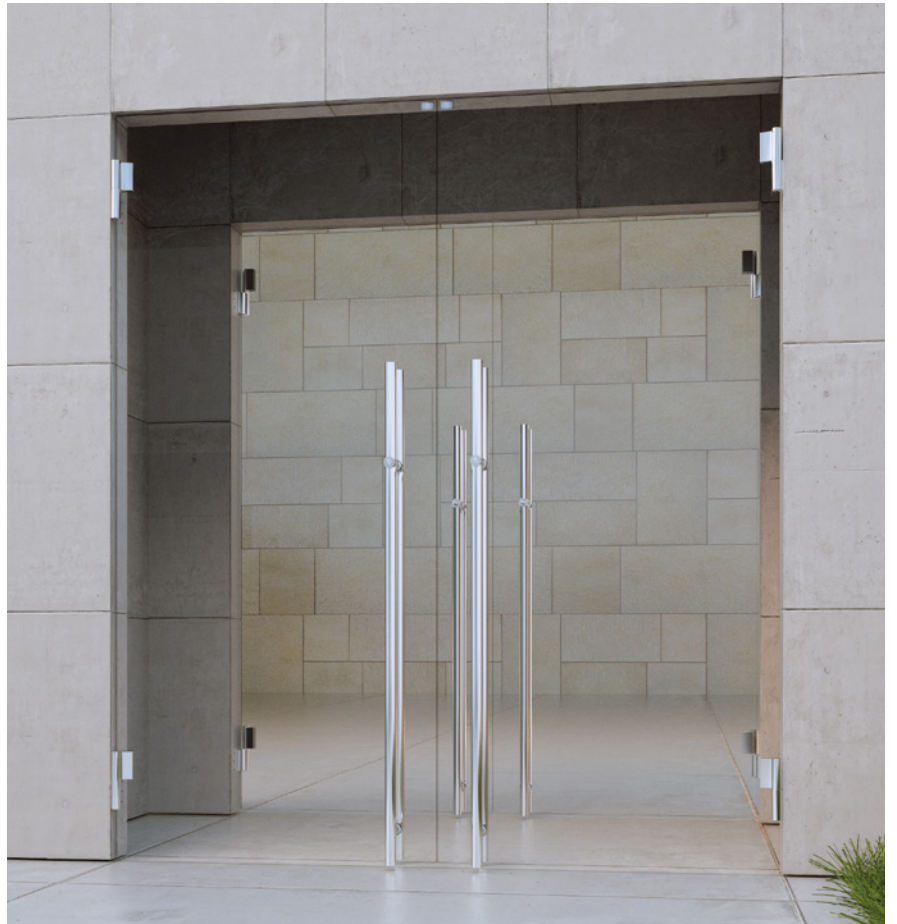




Oversized doors become a style-defining room element thanks to the matching door hinges.







→
Extreme door proportions
can be realised – whether
glass or timber.



Functions

SIMONSWERK hinges fulfil state and local regulations as well as the high technical requirements in the areas of smoke and fire protection, burglary protection and sound insulation. This also makes them ideal for safe use in escape and rescue routes as well as in healthcare buildings.







In areas with high requirements for smoke and fire protection as well as sound insulation, the door hinges contribute to a safe and pleasant atmosphere.







→
Project-related customised solutions for special doors are a matter of course for SIMONSWERK. Wherever fire protection is required, it is supported by the door hinges.

Special architectural situations, problematic spatial challenges or unusual planning tasks require individual solutions: TECTUS Energy provides answers.



←

TECTUS Energy allows a concealed power transmission from the frame to the door leaf. When using TECTUS Energy there is no need for visible power transmission components like cable loops anymore.





Finishes and material

Finishes and material influence the character of every room. This makes it all the more important that all details are perfectly coordinated. The diverse hinge systems from SIMONSWERK allow maximum design freedom.





New application and possibilities are offered by TECTUS A8, which allows claddings up to 8 mm on door and frame constructions.



Integration of a door
into a surrounding wall
without a visible frame.









Completely concealed hinge systems were used for these soundproof doors. With claddings on both sides they make an impressive look of open or closed doors possible.

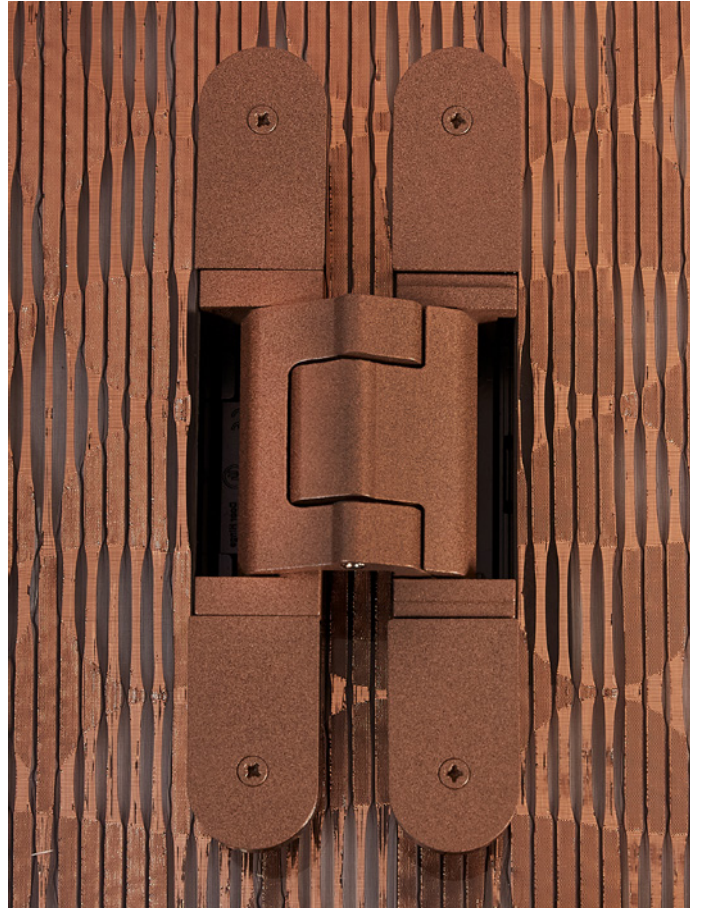
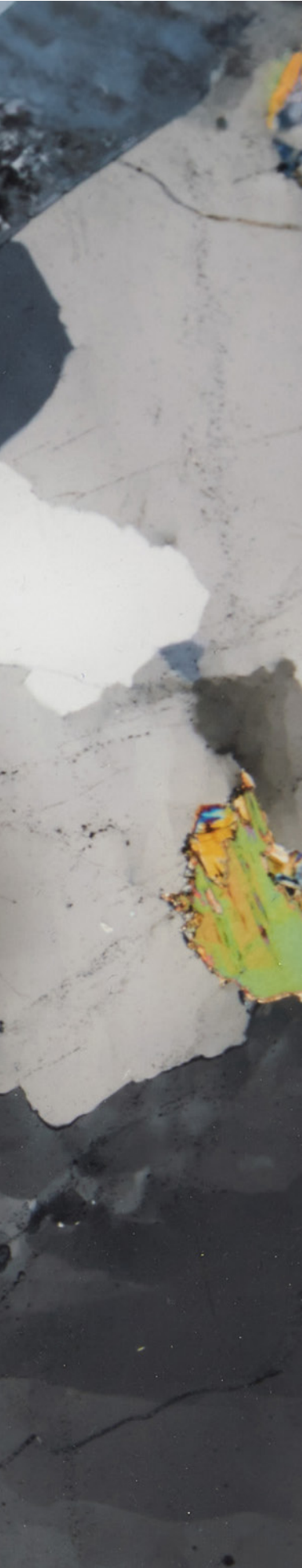




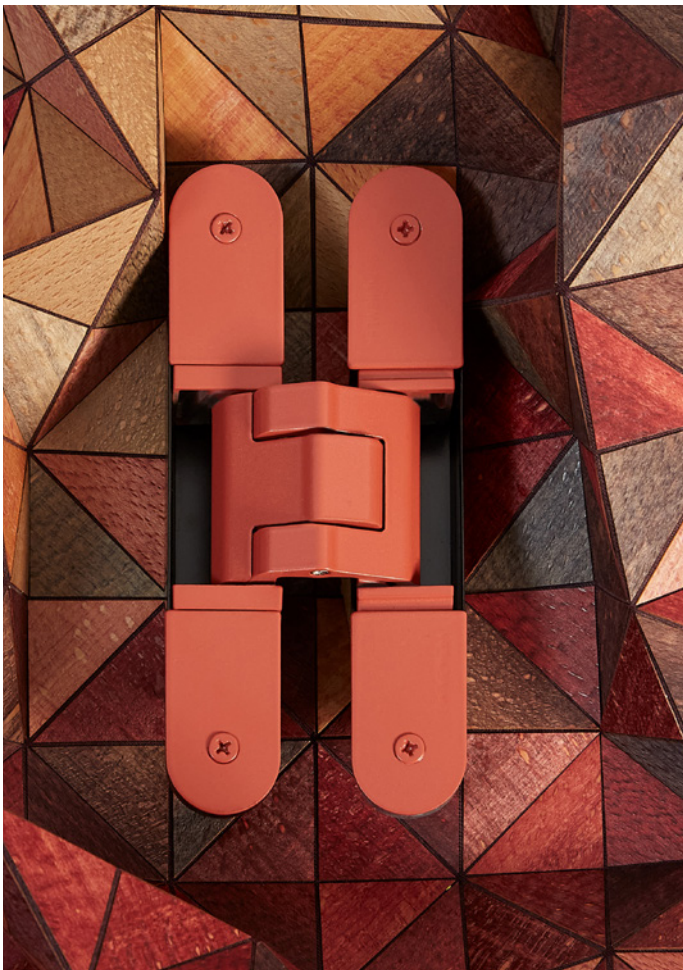


Hardly any other finish offers so many options as “Matte black” – from timeless to noble to restrained. Depending on the environment.

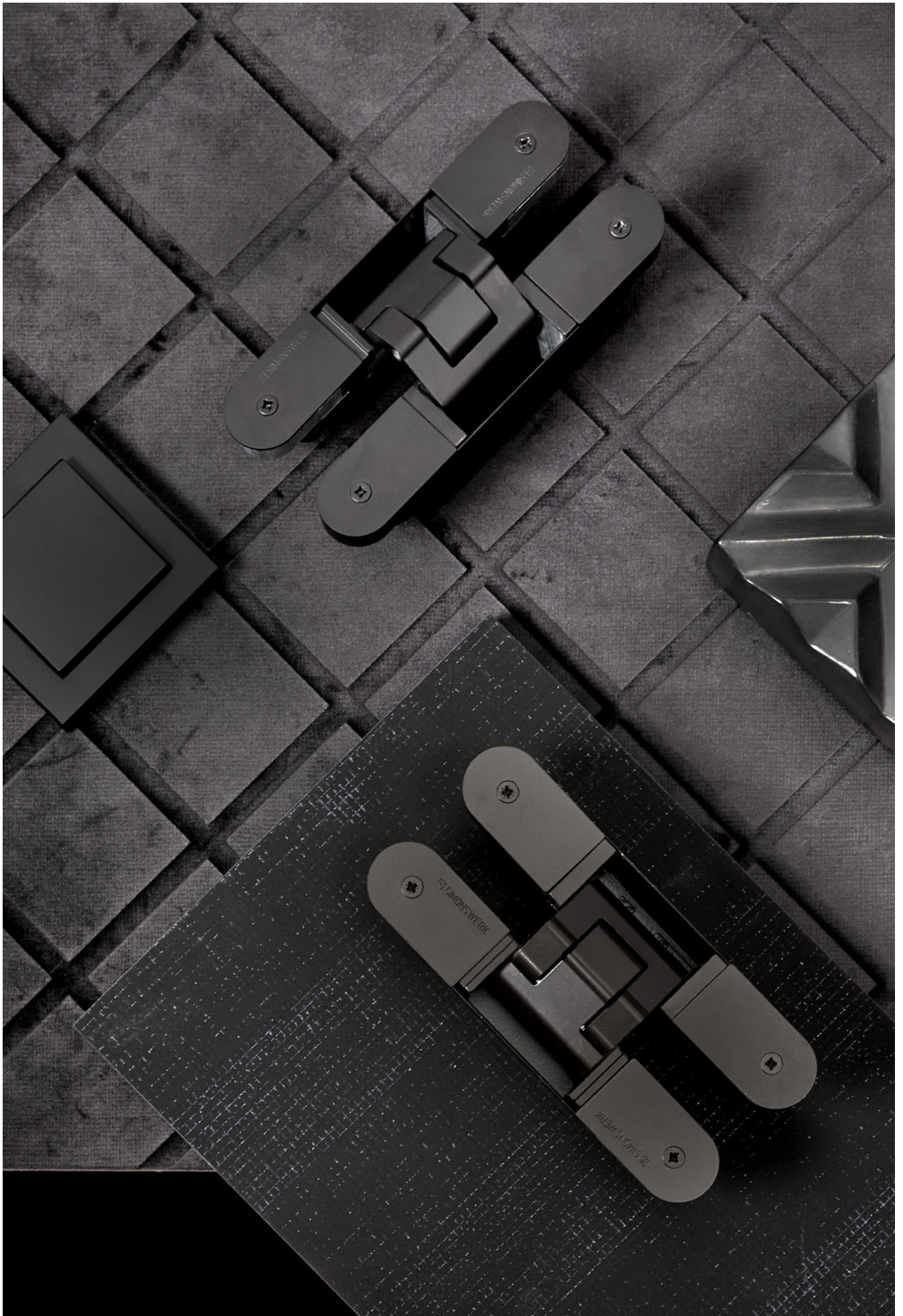




Carnival of colour:
Depending on the project,
SIMONSWERK door
hinges can be fulfilled in
any desired colour.



Sensational highlight
or silent supporter:
A wide variety of finishes
compliment the design
concept of the room as
aesthetic accents or
harmonious elegance.



Product Brands

Precise, authentic and tailored to individual requirements – SIMONSWERK impresses with its wide product range and perfectly coordinated details.

The product brands include premium hinges for timber, steel, glass and aluminium doors. Whilst the TECTUS and ANSELM brands offer completely concealed hinge systems that are particularly suitable for modern, flush room structures, the self-closing hinge systems EVO, VERTO and BILOBA are versatile due to their strong properties. VARIANT VX is the perfect knuckle hinge for heavy-duty requirements.

TECTUS

The completely concealed hinge system

VARIANT VX

The universal hinge system for heavy-duty doors

ANSELM

The concealed hinge system for residential doors

BILOBA

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

EVO

The self-closing knuckle hinge system for doors

VERTO

The self-closing pivot hinge system for doors



VARIANT VX



TECTUS



BILOBA



ANSEMI



VERTO



EVO

TECTUS

The completely concealed hinge system

“Making something invisible is also design!”
There is a certain appeal in designing items in such a way that their actual value is initially in the background, thereby giving space to other elements. Flush mounting is a stylistic principle that exudes minimalism and involves precise technology and perfection.

In this way, the completely concealed hinge system TECTUS enables unrebated doors to be completely flush and therefore integrated into rooms designed with straight lines. When closed the door will remain visible, with an invisible hinge system. TECTUS carries load capacities up to 300 kg, enables an opening angle of 180 degrees and can be used on timber, steel and aluminium frames. Three-dimensional adjustment and maintenance-free slide bearing technology are used for premium interior doors and functional heavy-duty doors.

TECTUS

- for flush-fitting architectural structures
- load capacity up to 300 kg
- with comfortable 3D adjustment
- for unrebated and rebated flush doors
- for timber, steel and aluminium frames
- with maintenance-free slide bearing technology



VARIANT VX

The universal hinge system for heavy-duty doors

The VARIANT VX hinge system is a perfectly coordinated unit made up of a hinge, receiver and cover suitable for any application area. Thanks to the uniformity of the individual elements and other special features, the VARIANT VX hinge system is suitable for universal use and forms a special detail on every door. It is ideal for use on fire and smoke-resistant doors as well as for safe operation on escape and rescue doors.

VARIANT VX

- load capacity up to 400 kg
- three-dimensional adjustment
- for timber, steel and aluminium frames
- maintenance-free slide bearing technology



ANSELMI

The concealed hinge system for residential doors

The extensive range of ANSELMI hinges offers premium products for light interior doors. The concealed hinge system is suitable for interior residential doors as well as for internal doors up to 80 kg and is available in several model versions.

The hinge system is three-dimensionally adjustable and guarantees a long lasting, maintenance-free operation of the door and is available in many aesthetic finishes.

ANSELMI

- load capacity up to 80 kg
- for timber and aluminium frames
- for unrebated flush doors
- with 3D adjustment



BILOBA

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

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

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

BILOBA

- hydraulic hinge system
- load capacity up to 100 kg
- adjustable closing speed
stop at 0°, +90°, -90°



EVO

The self-closing knuckle hinge system for doors

First choice for office and high-end residential buildings: EVO is the elegant hinge system for single-action glass doors in classic knuckle hinge look.

With its integrated hydraulic damping system this 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 glass thicknesses 8 to 21.52 mm
- hydraulic hinge system
- load capacity up to 120 kg
- adjustable closing speed
- constant damping control



VERTO

The self-closing pivot hinge system for doors

Elegance, flexibility, design freedom – 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. At the same time, they support a premium architectural concept with the authentic door material glass.

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.

VERTO

- hydraulic hinge system
- load capacity up to 150 kg
- adjustable closing speed
- versions with constant damping control



Certificates

The SIMONSWERK brand stands for innovation, product diversity, quality and service

Long service life and precise functionality are required to fulfil the diverse demands for technology, safety and design. The following pages provide you with all information you need on the high standards we set ourselves as every product that leaves the SIMONSWERK production line in Rheda-Wiedenbrück does so with appropriate testing verification and certification and can be used in international building projects in accordance with the relevant rules without hesitation.

- 1_Environmental Management System**
- 2_Energy Management System**
- 3_Underwriters Laboratories**
- 4_Warringtonfire**
- 5_Made in Germany, certified proof**
- 6_Environmental Product Declaration EPD**
- 7_Quality Management System**
- 8_CE and ift Certifications**
- 9_Examples VARIANT**



Products – Certification

- CE certification in accordance with EN 1935 and EAD 020001-01-0405 (also includes EN 1670, EN 1634 and EN 1627-1630)
- UKCA certification to EN 1935 / BS 476 or EAD No. 020001-01-0405
- UL 10B & UL 10C: Internationally recognised certificate of suitability of the hinges for fire doors
- Certifire: Certificate from the internationally recognised English testing institute Warringtonfire on the suitability of the hinges for fire doors
- TÜV certification: Self-closing hinges in accordance with EN 1154

Products – Declaration

- EPD: Environmental Product Declaration according to EN 15804 & EN 17610

Products – Supplementary tests

- Performance according to EN 1935, ANSI/BHMA 156.1 & 156.4, SS 332, BS 476
- Fire protection according to EN 1634, UL 10B & UL 10C
- Burglar resistance according to EN 1627-1630 up to RC3
- Sound insulation to EN 4109
- Corrosion in accordance with EN 1670

Company – Certification

- Quality management – certified according to DIN EN ISO 9001
- Environmental management – certified according to DIN EN ISO 14001
- Energy management – certified according to DIN EN ISO 50001
- Only for GmbH: TÜV Nord: certified proof of origin “Made in Germany”

SIMONSWERK GROUP – combining technical know-how with design standards at the highest level worldwide

Values that support the big picture with the important details:

As an internationally active group of companies, the SIMONSWERK GROUP is constantly expanding its core competence in the field of hinge systems worldwide at the highest level. Customer proximity, long-standing trust and continuous motivation for innovation characterise the multi-faceted product solutions, customised services and success of the group of companies.



- 1 SIMONSWERK GmbH
- 2 SIMONSWERK GmbH & Co. KG
- 3 SIMONSWERK UK Ltd.
- 4 Coleom Group S.r.l.
- 5 Anselmi & C. S.r.l.
- 6 SADEV
- 7 COLCOOM SADEV Iberica S.L.
- 8 SIMONSWERK North America, Inc.
- 9 SIMONSWERK Middle East
- 10 SIMONSWERK Saudi Arabia
- 11 SIMONSWERK Latvia SIA
- 12 SIMONSWERK Polska sp. z.o.o.

SIMONSWERK meets individual requirements with customised service for convincing results

Services that leave nothing to be desired: SIMONSWERK offers its customers the best service exactly where it is needed. From individual consultations to customised delivery and logistics processes. In addition, SIMONSWERK is also constantly expanding its extensive online offering.

With the practical PROUCTSELECTOR for targeted product selection, the provision of article, image and 3D data as well as digital sales documents and certificates.



Website and PROUCTSELECTOR enable a perfect overview as well as convenient selection and configuration of hinge systems for individual needs.



Configurable 3D data in all common CAD formats enable direct use in planning documents and allow for efficient and uncomplicated adjustments.



A special service for architects with innovative solutions, descriptive texts, detailed product specifications and configurable 3D data has been set up especially for this target group.



For questions or support regarding planning and applications, architect consultants and personal contact persons are available worldwide with advice and assistance.



Information about relevant innovations and communication of trade fair and event dates.



www.simonswerk.com

SIMONSWERK

Look Book

Hinge systems for a variety of door solutions

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06/2024, 5 800602 0 00001/2D, GROUP (en)
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