

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 solution for a wide range of requirements for commercial, residential and entrance doors.

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

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.



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.



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



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.



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

The perfect finish - from standard to extraordinary

Materials and finishes and haptics 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. They combine design and function at the highest level and are perfectly tailored to the requirements of different materials.



Genuine materials

The authenticity of the material reflects its value and reliability – and that of the product.

Matte black

Hardly any other finish offers so many options – from timeless to noble to restrained. Depending on the environment.



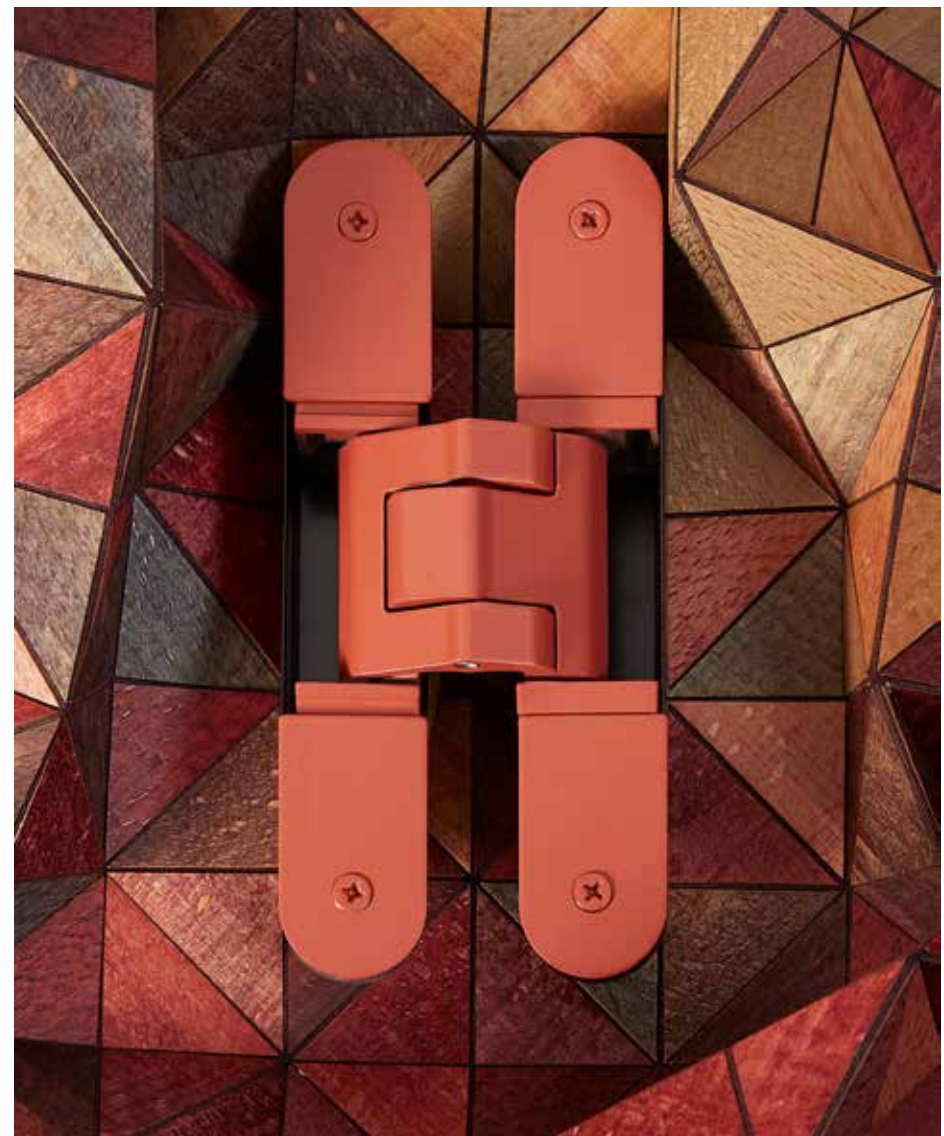
Individual special finishes

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







**A wide range of finishes**

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

The portfolio

The modern, high-quality 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 – whether on glass or timber doors.

The TECTUS and ANSELM I brands offer completely concealed hinge systems that are particularly suitable for modern, flush room structures. The hydraulic hinge systems EVO, VERTO and BILOBA are versatile due to their strong properties. Whether in the commercial or residential sector, on interior or exterior doors, the selection of screw-on, knuckle and pivot hinges allows flexible planning and a long service life.

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The hydraulic screw-on hinge system for glass doors



TECTUS

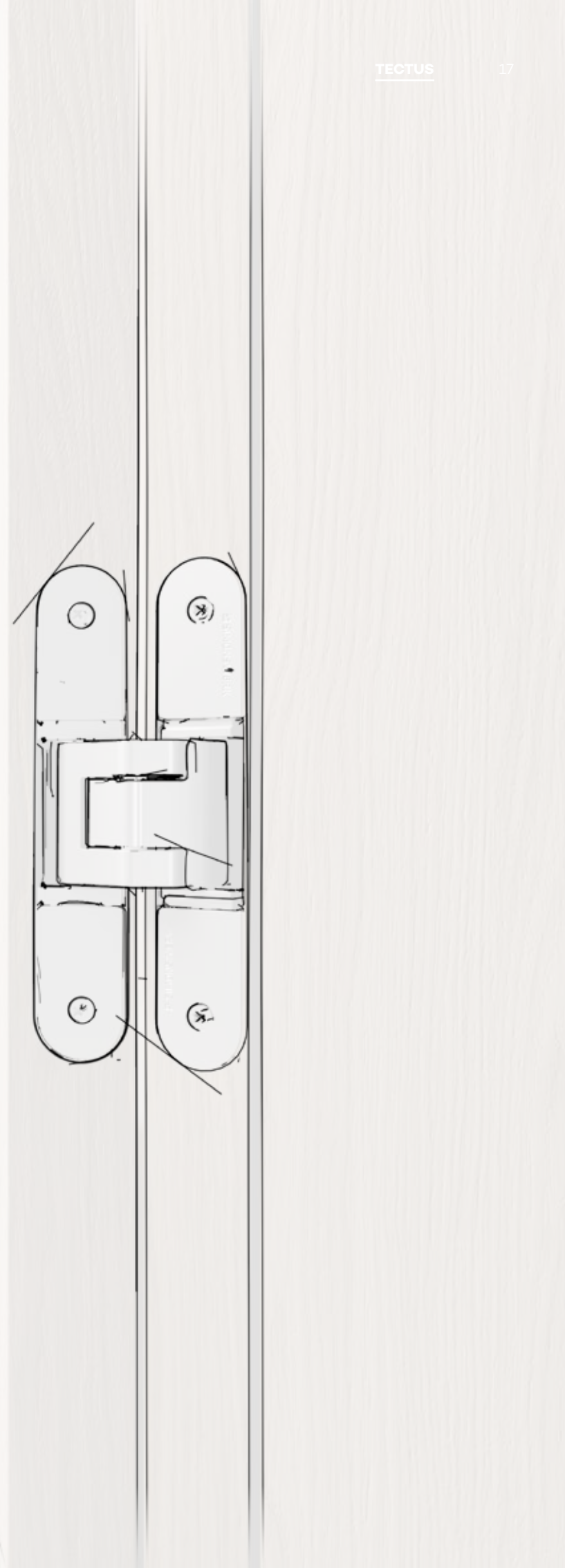
The completely concealed hinge system

“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 high-quality interior doors and functional heavy-duty doors.

TECTUS®

- for flush-fitting architectural structures
- load capacity of 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



TECTUS

The completely concealed hinge system

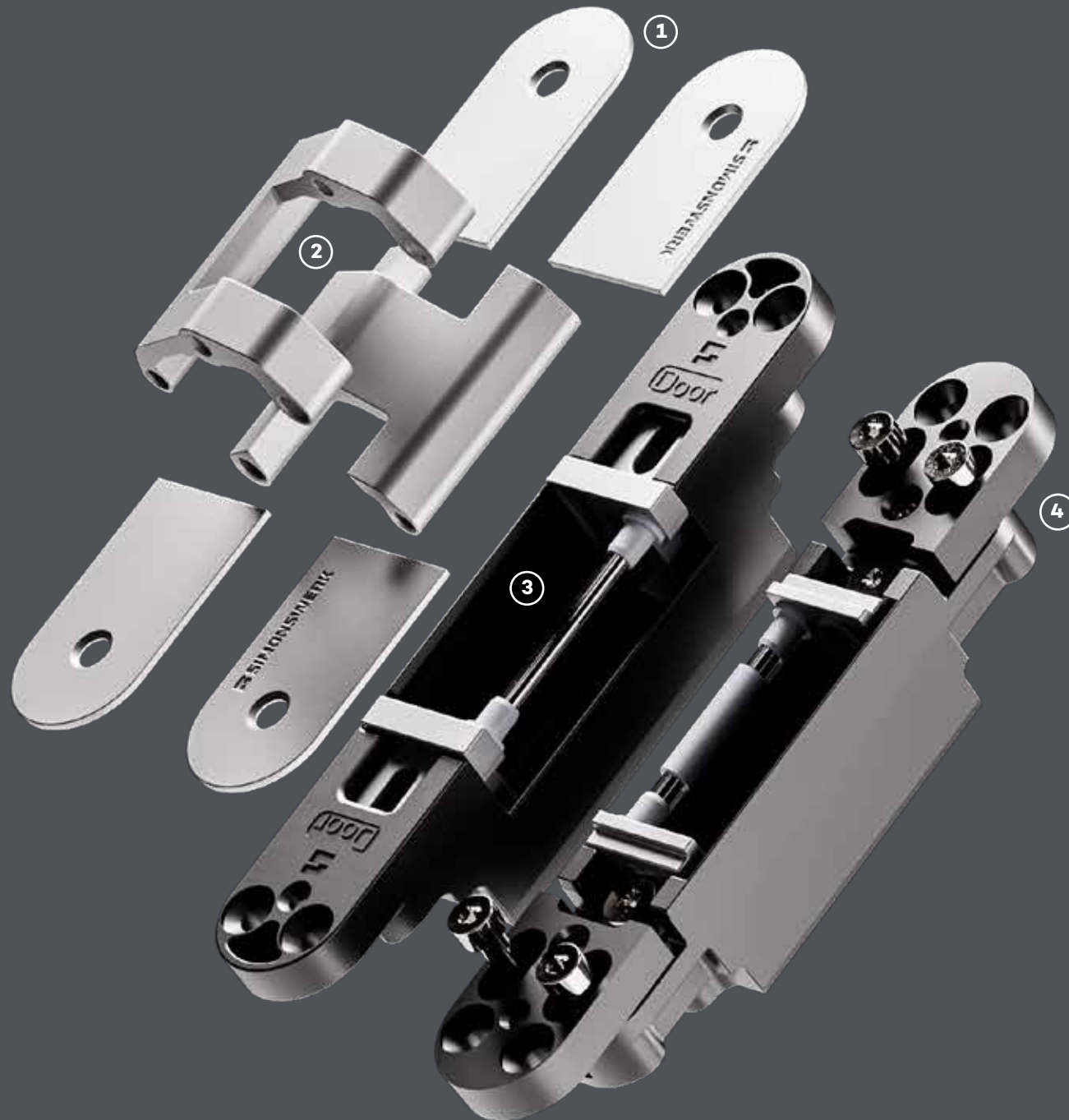
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- 1 - Cover plates
- 2 - Arms
- 3 - Hinge body part, door side
- 4 - Hinge body part, frame side

TECTUS hinges are used on high-quality residential doors as well as on functional heavy-duty doors in public buildings.
→



Flush mounting is a stylistic principle that exudes minimalism and involves precise technology and perfection.



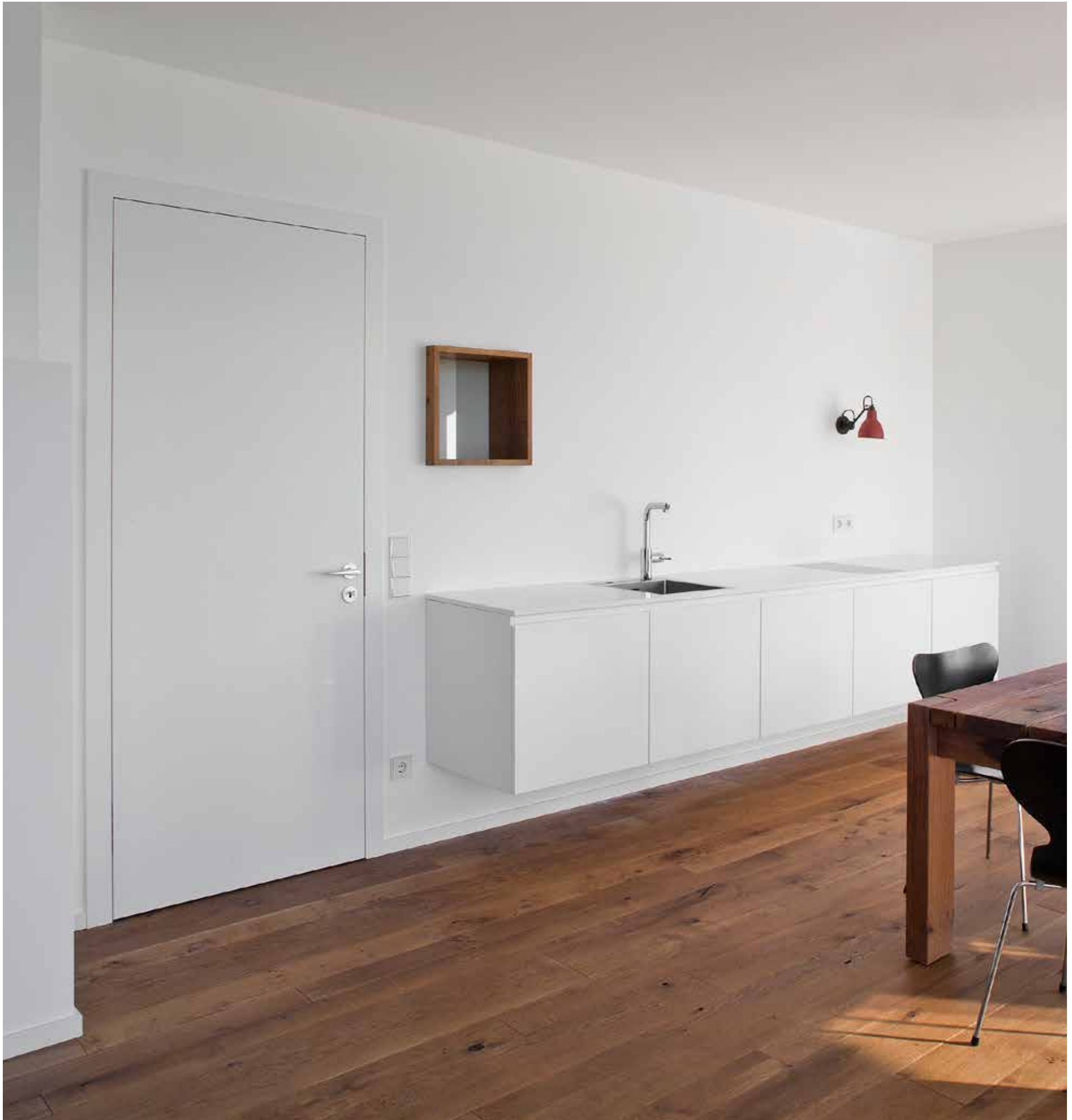
The wide range of finishes enables a variety of applications – they can be harmoniously tailored to an architectural concept and fittings can completely blend into the background.



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

The hinges can completely blend into the background when the respective door is closed.
→



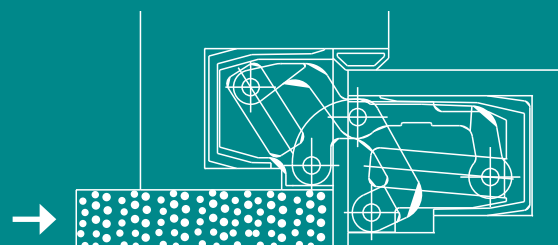


TECTUS FVZ

For unrebated heavy-duty and residential doors with recessed frame facings

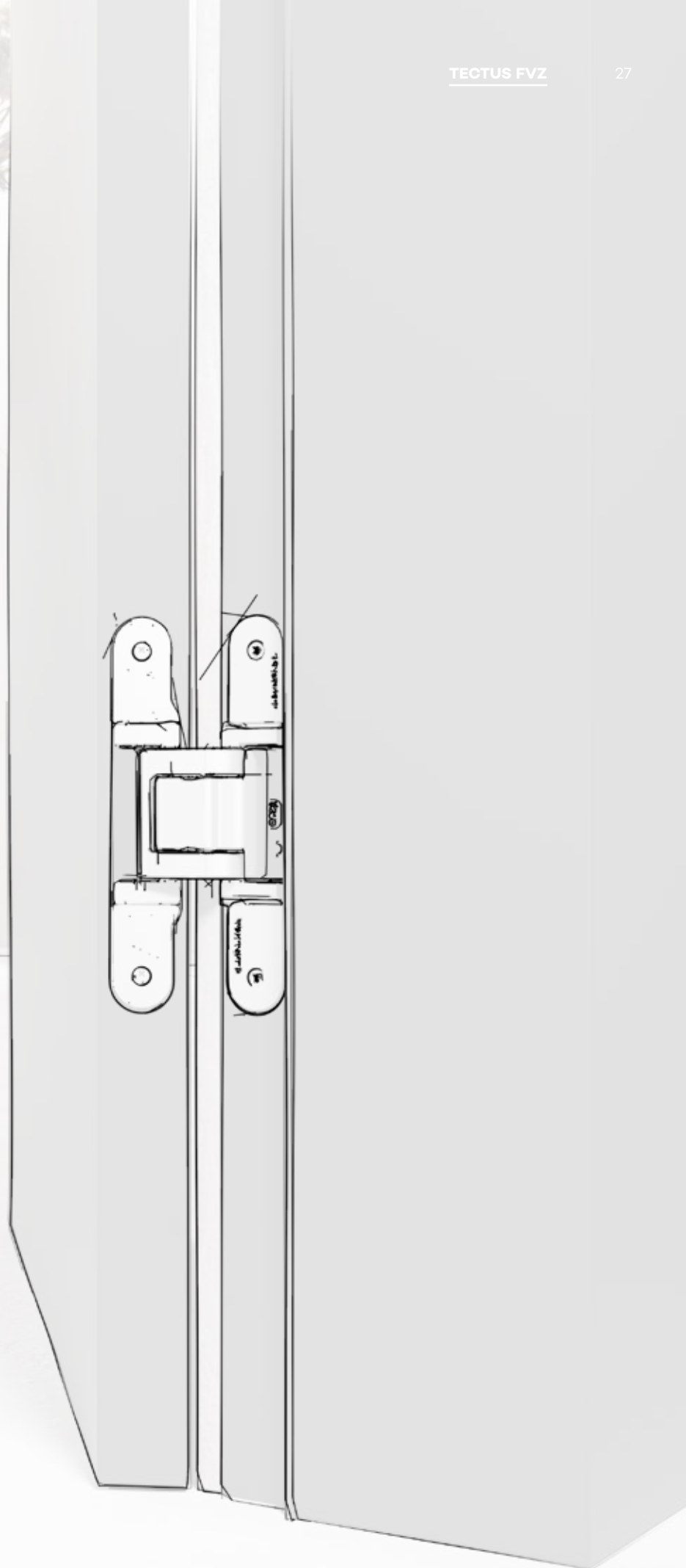
With TECTUS FVZ, a design where the frame part is offset to the sash part, it is possible to integrate a door with a completely concealed hinge into the surrounding wall without any visible frame.

The frame facing can be set back by 12 or 14 mm, to allow the door and wall sets to create a flush-fitting whole.



TECTUS® FVZ

- FVZ = for 12 or 14 mm recessed frame facing
- for timber, steel and aluminium frames
- for unrebated heavy-duty and residential doors
- maintenance-free slide-bearing technology
- with comfortable 3D adjustment
- load capacity of up to 100 kg

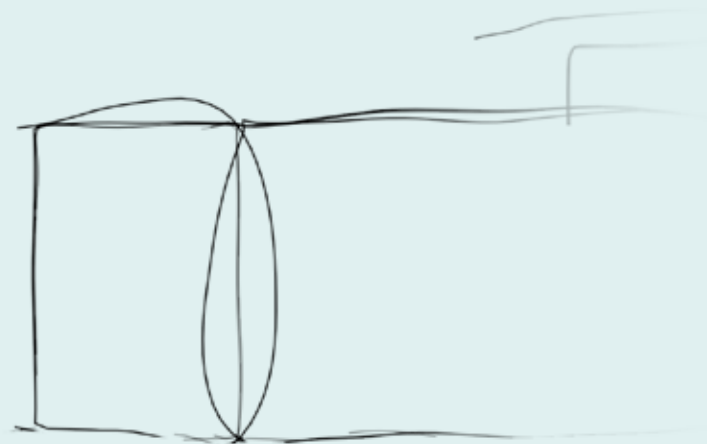


TECTUS FVZ

For unrebated heavy-duty and residential doors with recessed frame facings

With TECTUS FVZ, a design where the frame part is offset to the sash part, it is possible to integrate a door with a completely concealed hinge into the surrounding wall without any visible frame.

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- for timber, steel and aluminium frames
- for unrebated heavy-duty and residential doors
- maintenance-free slide-bearing technology
- with comfortable 3D adjustment
- load capacity of up to 100 kg







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



←

TECTUS FVZ is the hinge system for interior doors with recessed frame facings.

TECTUS FVZ opens up even more architectural possibilities for linear room design.



TECTUS Energy

The concealed hinge system with permanent energy transfer

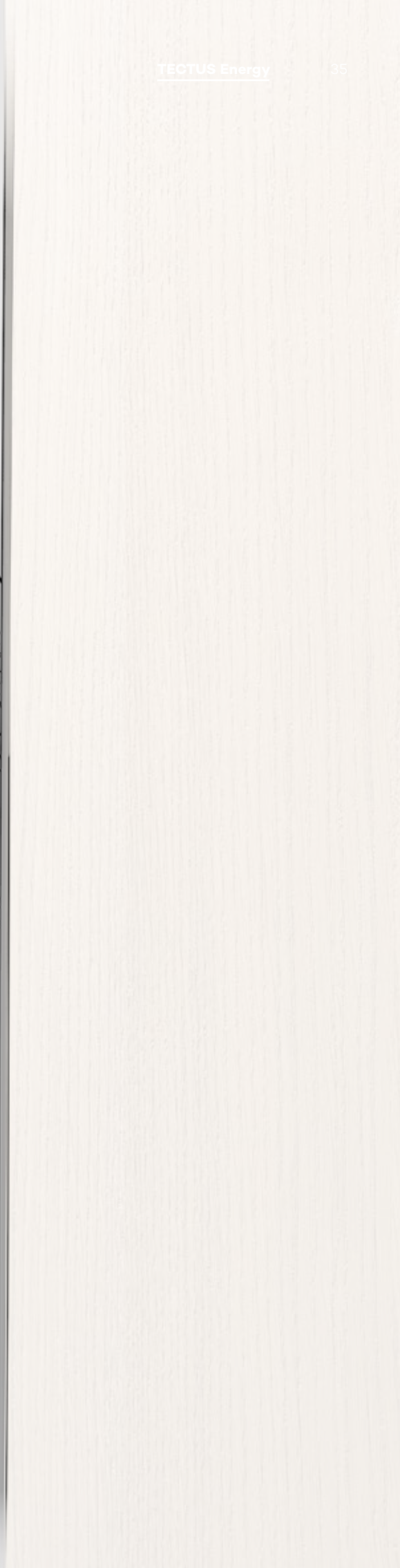
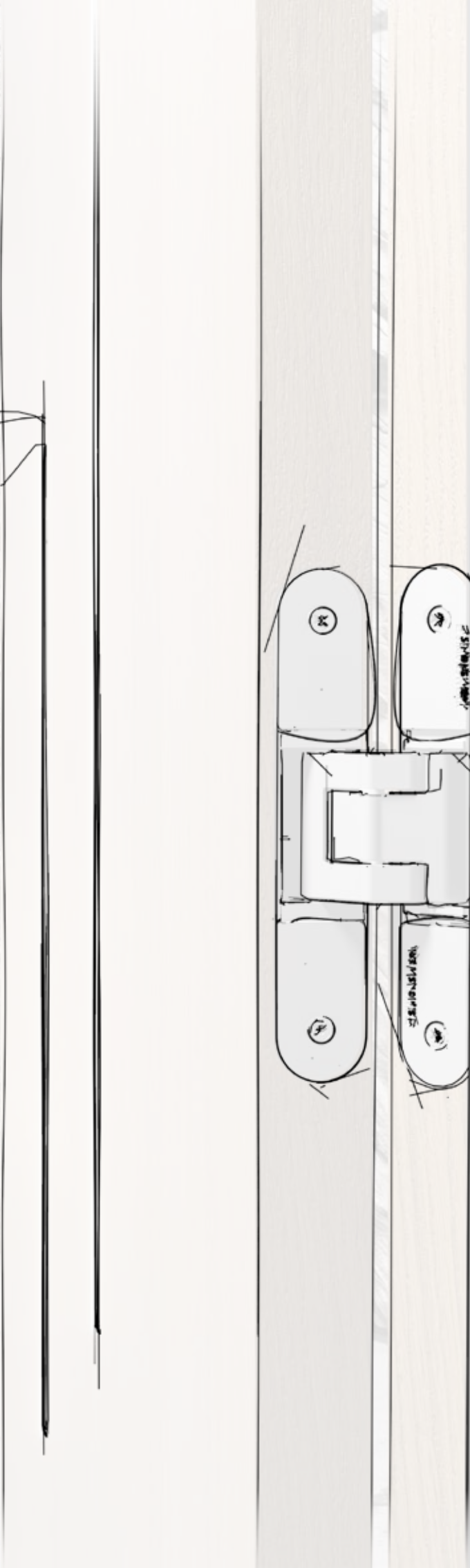
TECTUS Energy enables permanent energy transfer, without compromising on the design aspect of surface-flush appearances. It combines design, function and technology in an exemplary way and creates opportunities for new ideas. For fitting and operating electronic components in high-quality heavy-duty doors, the safe and permanent energy transfer is decisively important.

TECTUS Energy secures the door leaf and permanently provides energy from the frame side without weakening the door or frame geometry. The technology provided together with TECTUS Energy offers compatibility with all standard versions of locks and fittings, while retaining all technical and optical features of the TECTUS product brand.



TECTUS® Energy

- permanent energy transfer
- load capacity of up to 300 kg
- individual connection adapter options
- for timber, steel and aluminium frames
- for unrebated flush doors
- with comfortable 3D adjustment
- with maintenance-free slide bearing technology



TECTUS Energy

The concealed hinge system with permanent energy transfer

TECTUS Energy enables permanent energy transfer without compromising on the design aspect of surface-flush appearances. It combines design, function and technology in an exemplary way and creates opportunities for new ideas. Fixing and operating electronic components in high-quality heavy-duty steel. The safe and permanent energy transfer is especially important.

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TECTUS® Energy

- permanent energy transfer
- load capacity of up to 300 kg
- individually selectable adapters
- for timber, steel and aluminium frames
- for unrebeated flush doors
- with comfortable 3D adjustment
- with maintenance-free slide bearing technology





↑

With TECTUS Energy, the door leaf receives a secure and permanent energy supply from the frame, without the geometry of the door or frame being weakened.

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







Hidden technology: All of the components required, from an adapter on the frame to the hinge as well as the adapter on the door, are perfectly coordinated with each other as part of the options available and are compatible with one another.

Cutting-edge energy transfer –
perfectly integrated into
the hinge system

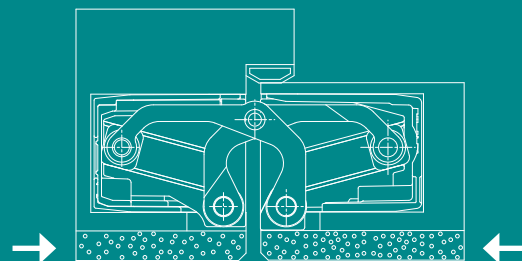


TECTUS A8

For claddings up to 20 mm on door and frame constructions

“A8” versions provide new application possibilities as they can accommodate claddings of up to 8 mm on door and frame constructions. With the fixing angle bracket TE 626/640 3D A8 BW/1 even claddings up to 20 mm are possible on doors with block frames.

This gives the designer more scope when integrating the door element into the overall interior design concept.



TECTUS® A8

- claddings up to 20 mm
- load capacity of up to 300 kg
- for timber, steel and aluminium frames
- for unrebated heavy-duty and functional doors
- with comfortable 3D adjustment
- maintenance-free slide-bearing technology

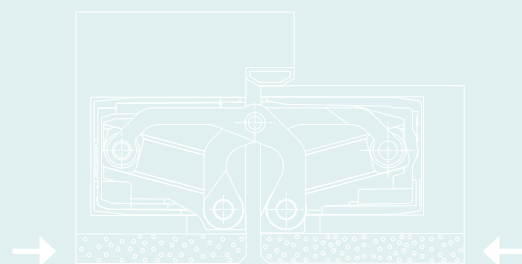


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- claddings up to 20 mm
- load capacity of up to 300 kg
- for timber, steel and aluminium frames
- for unrebated heavy-duty and functional doors
- with comfortable 3D adjustment
- maintenance-free slide-bearing technology







TECTUS A8 can be used with timber,
steel and aluminium frames.

TECTUS A8 is part of a product
range that is more innovative
and efficient than ever.



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

↑

More design scope in interior design thanks to TECTUS A8.



TECTUS Glass

Flush glass doors in the limelight

First choice for flush room concepts: With the TECTUS Glass hinge system, SIMONSWERK has developed an aesthetic and functional solution for the flush installation of glass doors.

For the first time, the glass door, frame as well as hinge and latching system are completely flush on one level – the best prerequisite for minimalist design combined with maximum transparency. In this way, generous glazing, which serves as acoustic protection in offices or private living areas, for example, and creates targeted views in and out, retains its aesthetic quality.

TECTUS® Glass

- glass door leaf, frame, hinge and latching system all lie in the same plane
- for timber, steel and aluminium frames
- opening angle up to 180°
- stable hinge kinematics
- hinge body made of die cast stainless steel
- performance tested by IFT, Rosenheim



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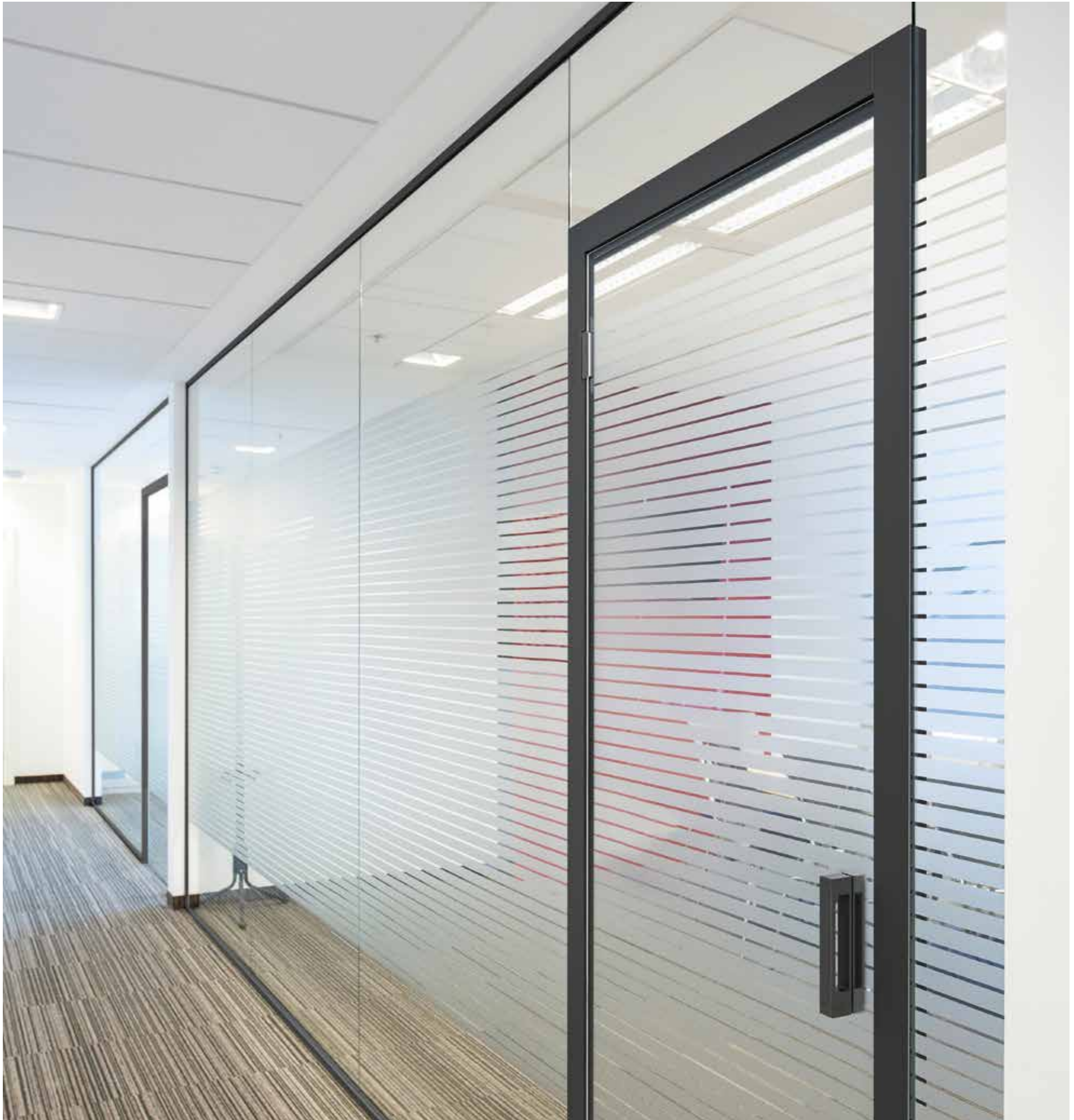


An aesthetic and functional solution for the holistic, flush-fitting installation of glass doors: Door leaf, frame, hinge and latching system lie in one plane – the best prerequisite for minimalist design in combination with maximum transparency.

Reduced hinge dimensions create maximum transparency in glass doors.







KEEP CLOSED

The magnetic latching system for glass or timber doors

SIMONSWERK developed its magnetic closure with the specifications for use with timber interior doors also in mind. Current-free, silent, low wear and reliable, its technical features alone are impressive in every respect. But the most striking aspect of the magnetic closure is the unprecedented ease of use when opening and closing.

It has never been so easy to open and close timber and glass doors without making a sound. Without the usual “push–pull–slide” motion, doors can be opened silently and ergonomically, with minimal effort, too. The door is held in the closed position without the need for direct contact with the patented closing magnet. The holding power can be individually adjusted and holds the door securely in its end position.

KEEP CLOSED

- silent, current-free and contact-free
- durable low-wear function
- quick and easy installation with no glass machining
- handle versions in matching colours to the hinge

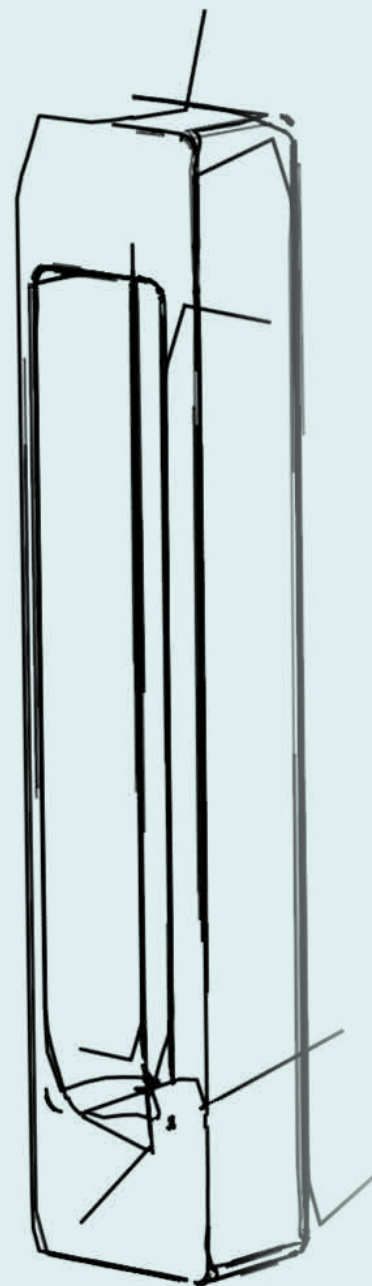


KEEP CLOSED

The magnetic latch in system for glass or timber doors

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KEEP CLOSED

- silent, current-free and contact-free
- durable low-wear function
- quick and easy installation with no glass machining
- handle versions in matching colours to the hinge







The elegant handles do not require the timber to be milled.



Comprising of a closing magnet, a magnetic plate, and a matching handle, this impressive system with its minimalist design offers exceptional ease of use.

←

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



ANSELM

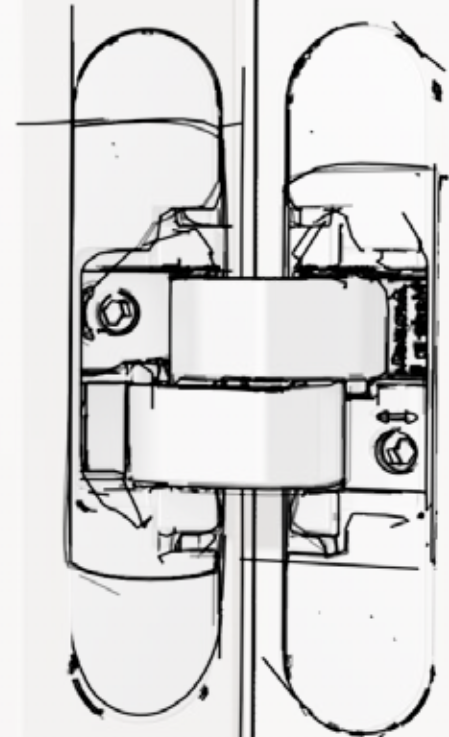
The concealed hinge system for residential doors

The extensive range of ANSELM hinges offers high quality 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 13 aesthetic finishes.

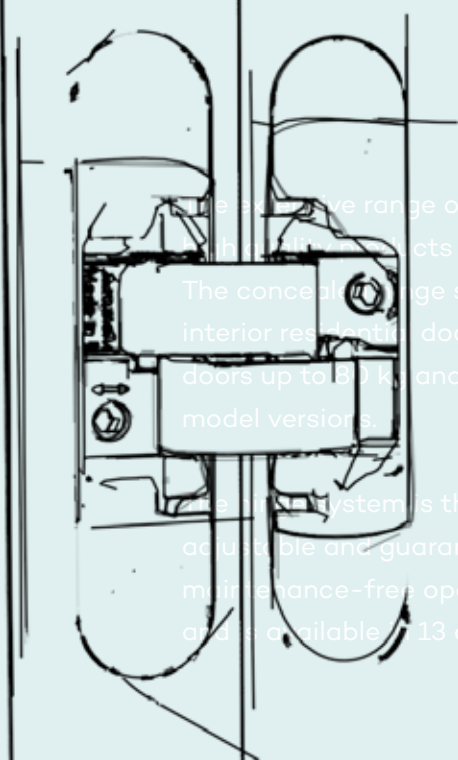
ANSELM®

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



ANSELMI

The concealed hinge system for residential doors



The extensive range of ANSELMI hinges offers high quality products for light interior doors.

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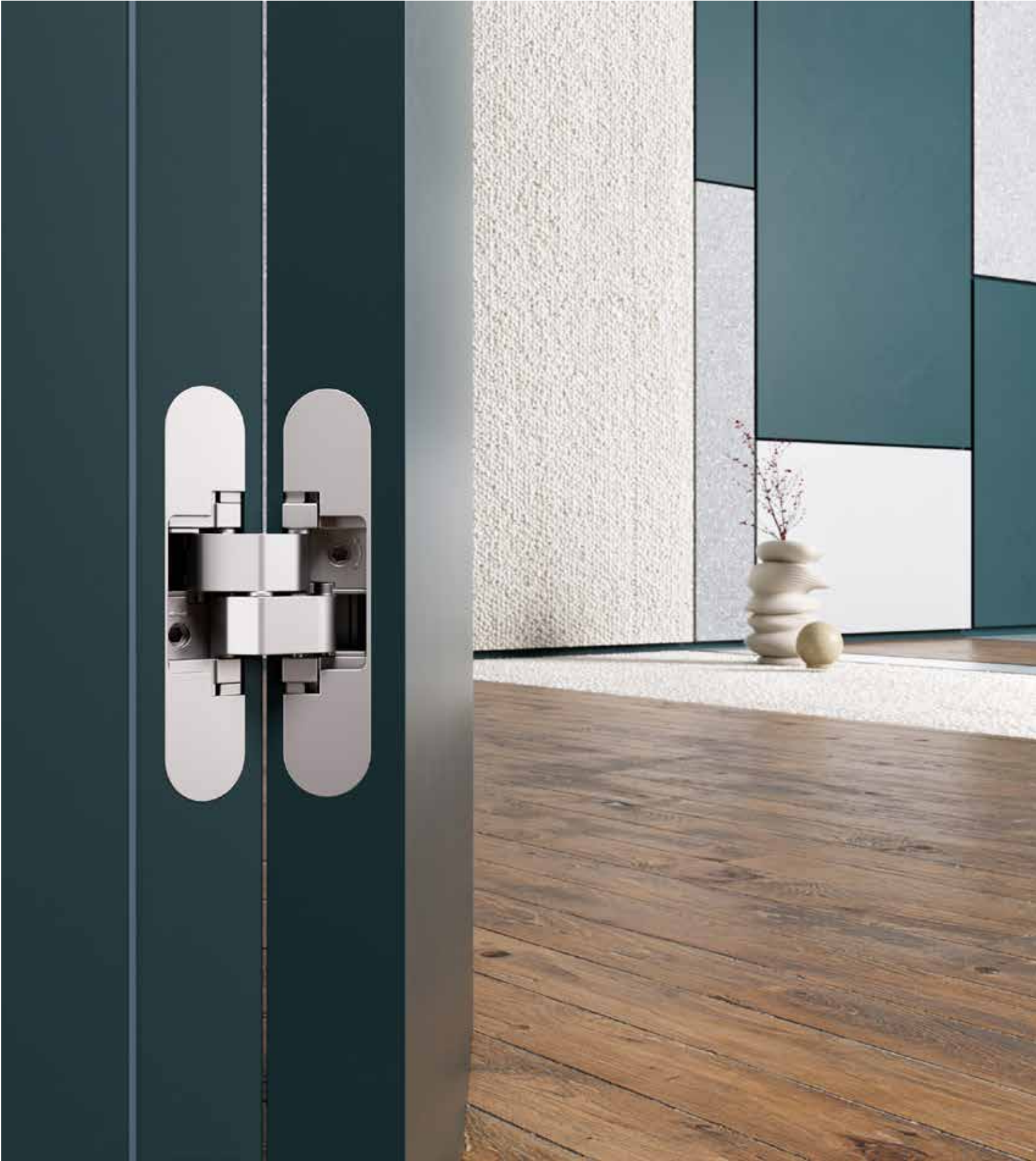
Clean design for modern architecture: With the ANSELM FVZ model the door frame can disappear leaving just the essence of the door visible.

With the finishes light bronze, medium bronze, copper, anthracite and rustic umber, the ANSELM hinges convince with an extensive range of finishes.



←

All hinges from the ANSELM product brand are completely concealed and three-dimensionally adjustable.



EVO

The hydraulic 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 is even used in saunas and many other areas.

EVO

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



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- hydraulic hinge system
- load capacity up to 120 kg
- adjustable closing speed
- constant damping control





In high-end commercial buildings, EVO offers reliability and aesthetic quality down to the last detail. Specific areas can be excellently separated from one another and glass doors close securely and in a controlled manner – in indoor and outdoor areas that are protected from severe weather conditions.





EVO is as versatile in its uses as it is in its finishes. Whether anodised or coated, matt or polished – the hinge achieves a unique effect in the colours black or grey, chrome or bronze as well as many others.

←

The self-closing door hinge is characterised by its reduced design. It is suitable for interior use as well as for exterior use protected from severe weather conditions.



VERTO

The hydraulic 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 high-quality 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

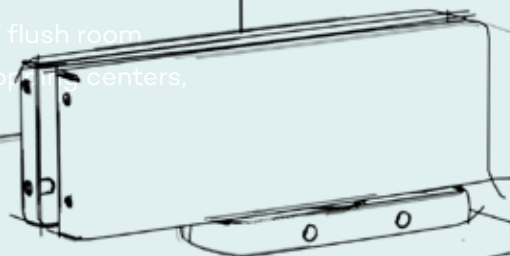


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VERTO

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





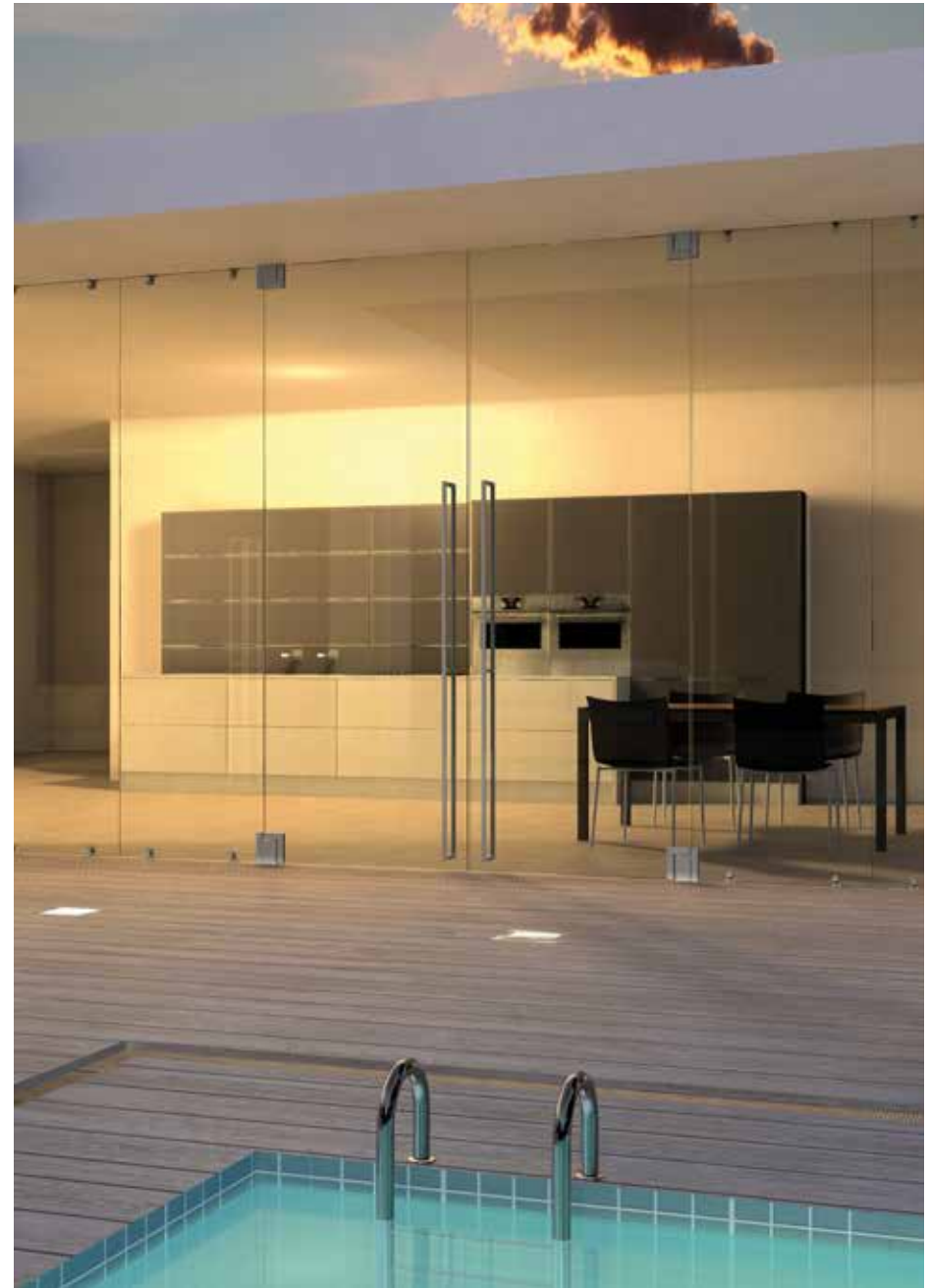
This hydraulic door hinge invisibly ensures automatic closing of the door. It combines technical efficiency and innovation in an exclusive door hinge system.







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



VERTO is suitable for coherent concepts in the interior.

BILOBA

The hydraulic screw-on hinge system for glass doors

Wide range of applications: 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.

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°



BILOBA

The hydraulic screw-on hinge system for glass doors



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BILOBA

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





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

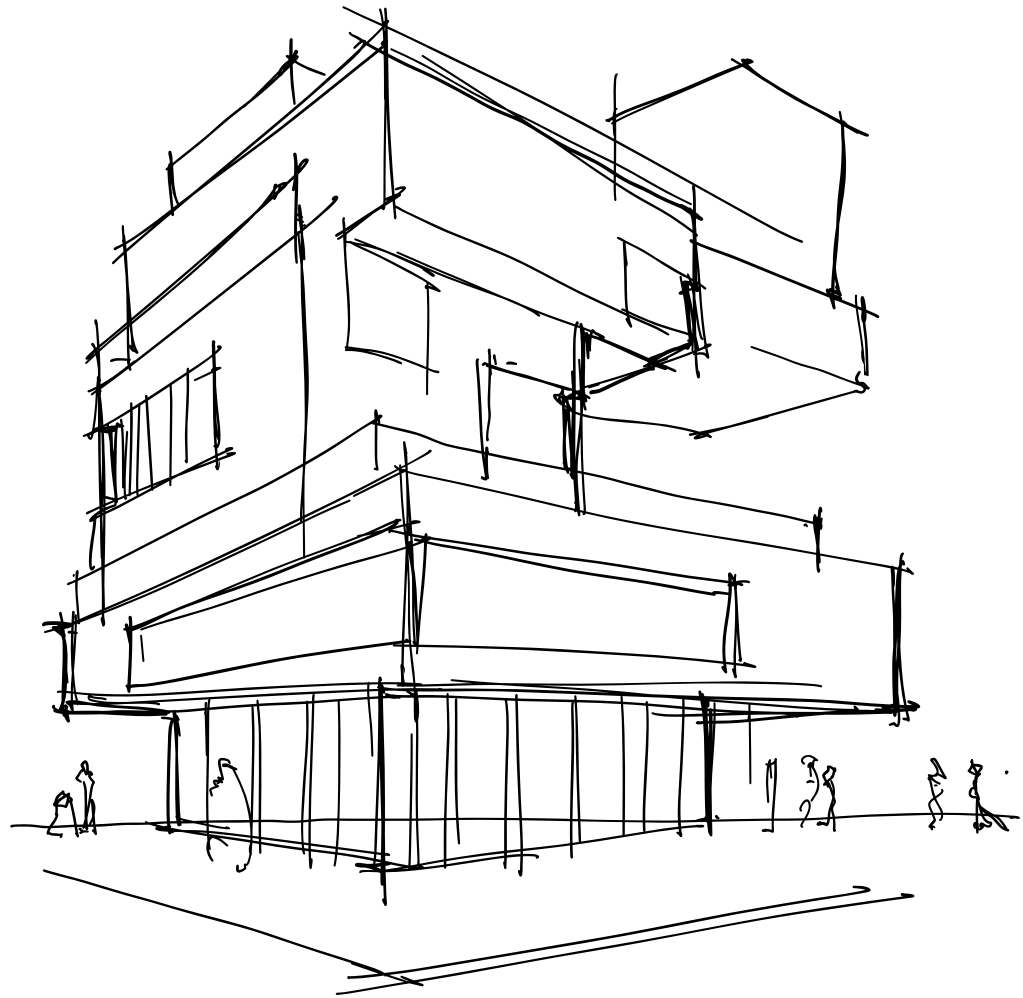






The doors are effortlessly opened manually and close automatically at the set speed.

**“Form follows function”
is a guiding principle –
sometimes out of necessity.**



The function of certain buildings, areas and rooms is used to derive their various structural requirements. This also applies to the door system, which must have certain properties for physical, safety-related or aesthetic reasons so that it can reliably fulfil its role as an entrance, exit or passageway.

In architecture, doors are differentiated fundamentally according to their application areas, such as the heavy-duty, residential and house entrance applications. When looking at the details, they differ in terms of load capacity, their dimensions, their design and performance. SIMONSWERK offers a perfect hinge solution for all structural circumstances, a wide range of design requirements and all technical challenges.

Heavy-duty door

Hinge systems for load capacities up to 400 kg and hydraulic hinges with integrated damping system and controlled closing

Interior door

Concealed or knuckle hinges in a wide range of finishes for every door design

Entrance door

Hinge systems for various door materials such as timber, PVC, and aluminium

Solutions for special requirements

Project-related customised solutions for special doors as well as individual finishes





- 1_ Infinity Tower, Dubai, UAE
- 2_ Vaillant Arena, Davos, SUI
- 3_ Elbphilharmonie, Hamburg, GER
- 4_ Mercedes Benz Arena, Atlanta, USA
- 5_ Schwarzensteinhütte, Bozen, ITA
- 6_ Opera House, Oslo, NOR

4



5



6



SIMONSWERK

Look Book

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