



STEEL FRAMES

NEW. Steel case frame VarioFix in stainless steel version or 3-part disassembled





4

Good reasons to try
Hörmann steel frames.



14

Application areas.



18

Versions.
Equipment.
Details.

Brand quality made in Germany

The family-owned company Hörmann offers all important construction components for building and renovating projects from a single source. We manufacture in highly specialised factories using state-of-the-art production technologies. Our employees work intensively on new products, continual further developments and improvements to details. The results are patents and unique products on the market.





AN EYE ON THE FUTURE. Hörmann is setting a good example. That's why 100% of our electricity needs in Germany come from green electricity. Together with an intelligent and certified energy management system, CO₂-neutral mailing and the recycling of valuable materials, more than 40000 tons of CO₂ are saved each year. In addition, we offset over 100000 tonnes of CO₂ by promoting wind energy and reforestation projects in cooperation with ClimatePartner.



You can find further information at
www.hoermann.de/umwelt



Sustainable planning for trend-setting construction

Experienced specialists within our customer-oriented sales organisation accompany you from the planning stage, through technical clarification up to the final building inspection. Complete working documentation, such as technical manuals, is not only available in printed form, but also always accessible and up-to-date at www.hoermann.com





SUSTAINABILITY DOCUMENTED. Hörmann has already received confirmation of sustainability through an Environmental Product Declaration (EPD) in accordance with ISO 14025 from the Institut für Fenstertechnik (ift – Institute of window technology) in Rosenheim, Germany. This EPD was created based on EN ISO 14025:2011 and EN 15804:2012. In addition, the general guidelines for the preparation of type III Environmental Product Declaration apply. The declaration is based on the PCR document “Doors” PCR-TT-1.1:2011.



ARCHITECTS' PROGRAM. Clearly structured navigation via drop-down menus and symbols, as well as a search function, provide faster access to texts for invitations to tenders and more than 9000 drawings (in DWG and PDF format) of over 850 Hörmann products. In addition, BIM data can be provided for many products for the Building Information Modelling process, enabling efficient planning, drafting, construction and management of buildings. Photos and photo-realistic presentations provide additional information on many products.



Plan with the Architects' Program at <https://architektenprogramm.hoermann.de>



**PRODUCTS
FOR BIM**

We are a member of the professional association for digital building products in the Federal Association of Building Systems e.V.

High-quality processing

State-of-the-art production technology ensures dimensionally accurate frame elements with precise door fittings and functional parts. For all 1-part standard frames, the mitre is produced with laser welding. This ensures a sturdy connection of the individual parts and creates a clean weld seam. This process results in steel frames that impress with appealing design, flush surface as well as long-lasting quality.





7 preferred colours in RAL to choose



Stainless steel version

PERFECT SURFACE FINISH. The factory priming provides optimum protection for the frame and a very good basis for further processing. In addition, powder coating features an optimum finish and is characterised by high hardness, high elasticity and resistance to impacts, as well as lasting gloss and colour. The frames are optionally available in 7 preferred colours, as well as in RAL to choose or special colours. Frames made of stainless steel (V2 A / V4 A) are the number one choice when high demands are placed on the resistance of the frame surface to external influences.

→ For further information, see from page 18.



Easy to fit

SIMPLE, FAST FITTING. The sturdy universal trapezoidal anchor for double-shell steel frames with special hole pattern enables the fitting of frames in all wall types. Drilling in solid walls or cutting out of plasterboard is not required in the standard sizes.

→ For further information, see from page 24.

All frame types are also available in stainless steel

Universal trapezoidal anchor for fitting in all wall types



Steel case frame VarioFix

The steel case frame VarioFix offers high resistance and an elegant shape coupled with the fitting principle of timber frames. With its aesthetic and modern design, the steel case frame is suitable for use in both private and commercial spaces. The adjustable decorative rebate easily compensates for different wall thicknesses during renovations and new construction projects.





PARTICULARLY LONG-LASTING.

Thanks to the high-quality coating, the steel case frame VarioFix can withstand run-ins with toy cars or vacuum cleaners, and any damage to the surface is easy to repair. Even cleaning water and a thorough washing cannot damage the frame.



HIGH-QUALITY DESIGN. For the steel case frame VarioFix, the corner joints feature high-quality welding and a flush polish, meaning there are no visible mitre cuts in the frame corners. In flush-closing doors, the robust construction guarantees a uniform gap dimension, as the frame can no longer warp after fitting.



FAST FITTING. The steel case frame VarioFix not only looks like a timber frame, it is also fitted like one – except up to 50% faster and easier. Instead of gluing and screwing the jamb lining and cladding individually, as is the case with timber frames, with the VarioFix only the rebate shell and the rebate counter shell are assembled in the opening.

→ For further information, see from page 26.

We make frames shape up

The steel frames can be optionally equipped with special hinge systems and seals as well as various special equipment for more comfort and security. They can be used for either flush-closing or rebated door leaves made of timber, glass or steel. All versions are suitable for fitting in brickwork, concrete, gas concrete, gypsum plasterboard and partition walls.





Glass door with steel frame



Sliding door frame running within the wall

FRAME WITHOUT FACE. The frame without face (shown on left) is the design solution for modern interior architecture. The combination of narrow frame face, integrated door closer and concealed hinges impresses with a minimalist door view.

EXCLUSIVE GLASS DOORS. The elegant solution for glass doors features a flush-fitting view of the frame face, glass door leaf as well as a hinge and locking system. This creates maximum transparency and an exclusive door view.

SPACE-SAVING SLIDING DOORS. In exclusive designs, running in front of and within the wall and wherever space is limited, sliding doors are an ideal solution. The sliding door fitting is long-lasting and moves very easily. Optionally available with a lintel damper on one or both sides and with an operator.

→ For further information on hinge systems, seals and equipment, see from page 20.

HOTEL. Passages and doors in hotels and B&Bs must withstand the greatest strains. Architectural demands also require individual designs and colours. Hörmann primed, paintable or powder-coated steel frames perfectly fulfil these requirements and are maintenance-free and enduringly resistant to strain.



LEFT. Steel frames with high-quality fire-rated doors

TOP RIGHT. Steel case frame VarioFix with flush-closing timber door

BOTTOM RIGHT. Frame without face with flush-closing timber door





RESIDENTIAL CONSTRUCTION. Steel frames are long-lasting, timeless and modern design elements for residential construction. Steel frames with powder coating look like timber frames. The welded and flush polished corner joints mean that there are no visible mitre cuts. With its narrow frame face, the frame without face can be incorporated harmoniously into modern living concepts. With concealed hinges and slender guide rollers, it also meets the highest design demands.

HOSPITALS. Door frames made of steel are the right solution for diverse, demanding tasks in hospitals.

For example, thanks to a larger opening width, frames with a chamfered reveal make it easier to move beds through door openings. Hörmann steel and stainless steel frames meet the efficiency, cleanliness and hygiene requirements found in an everyday clinic environment.

TOP. Steel profile frame

BOTTOM LEFT. Steel case frame VarioFix with steel internal door and transom light

BOTTOM RIGHT. Steel case frames VarioFix with steel internal doors and transom light



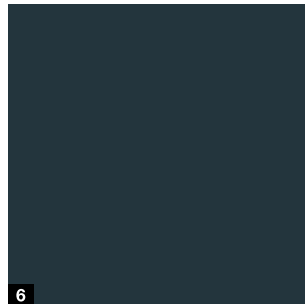
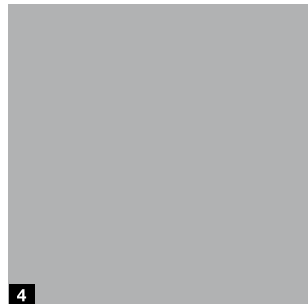
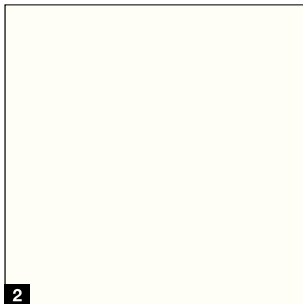
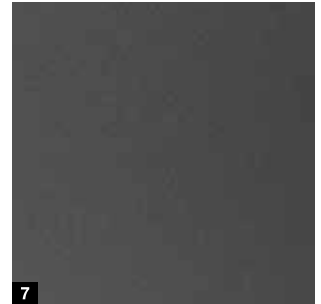
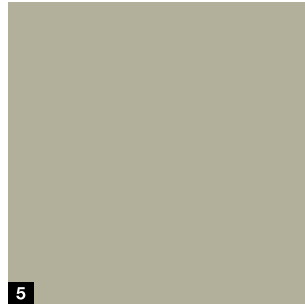
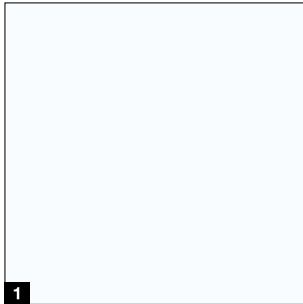


PUBLIC BUILDINGS. Hörmann has the right frames for high-frequency office areas, schools and nurseries as well as high demands on robustness and security. Additional side elements and transom lights ensure bright rooms.

Colours and surface finishes

According to your requirements

Preferred colours with powder coating



Stainless steel surface



Preferred colours with powder coating

- 1 RAL 9016 Traffic white
- 2 RAL 9010 Pure white
- 3 RAL 9005 Jet black **.NEW**
- 4 RAL 9006 White aluminium
- 5 RAL 7035 Light grey
- 6 RAL 7016 Anthracite grey
- 7 CH 703 Anthracite

Stainless steel surface

- 8 Polished finish, K240

Safe transport packaging

All powder-coated steel frames are generally delivered in a sturdy transport packaging. This consists of cardboard **9** or bubble wrap for individual frames. Several frames are transported lying on pallets.

Primed frames to screw or clamp are delivered wrapped in plastic film or optionally in a sturdy and stackable cardboard box **10**.



Hinge systems

For door leaf weights up to 120 kg



1 VX 7939 / 120

Loading capacity up to 120 kg*

2 V 8130

Loading capacity up to 60 kg*

3 V 8037 WF

Loading capacity up to 70 kg*

4 Concealed hinge

Depending on the version, loading capacity from 40 to 180 kg

5 VN 2927 / 160 Compact Planum (frame without face)

Loading capacity up to 100 kg

6 Euro hinge, concealed 3-way AN .NEW

Loading capacity up to 60 kg*

7 Roundstyle VR 120

Loading capacity up to 100 kg

* Load values: Maximum door leaf weight, taking the load factors into account with a door leaf size of 1000 mm x 2000 mm and using two hinges at a distance of 1435 mm.

Lock plates

For convenient closing



1 Plastic latch protection plate
Flush

2 V2A flat lock plate
Rebated

3 V2A flat lock plate
With latch adjustment, rebated

4 V2A latch lock plate
Rebated for glass doors

5 V2A flat lock plate
Flush

6 V2A flat lock plate
With latch adjustment, flush

7 VA latch protection plate
Rebated

8 VA latch protection plate
Flush

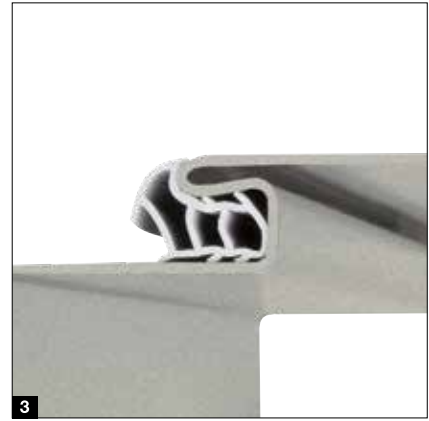
Seals

For virtually silent closing

Due to the special shape of the groove, the high-quality, flexible hollow chamber seals can be easily inserted and are firmly fixed. They ensure that doors close snugly with hardly a sound. The standard seal is available in grey, white, brown and black.

1 UPVC seal as standard

Optional: plasticiser-free TPE seal



2 UPVC seal

For 20 mm rebate width

3 UPVC seal

For stainless steel frames

4 Special seal

For higher acoustic insulation (42 dB instead of 35 dB) for all frame types



1 1-part frames

Welded in the mitred area and polished for solid walls, dry construction walls and fitting in partition walls



2 Double-shell frames

Separated invisibly in the lining groove for renovation and retrofitting



3 3-part frames or 6-part frames

Separated in the mitred area and with installation-friendly packaging, for simple clamp / screw fitting to solid walls and dry construction walls



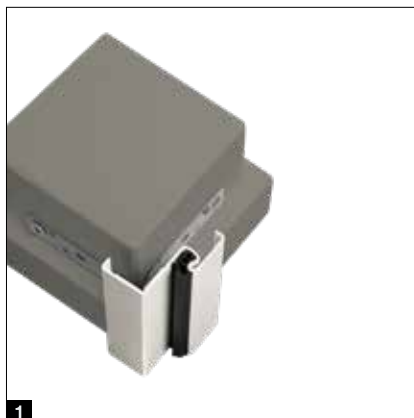
Individual fitting options

Brickwork and door frames for partition walls

Corner frame

1 Fitting with nail / plug anchor

2 Fitting with 2C fitting foam
For retrofitting, 1-part



Profile frames

3 Fitting with quick anchors

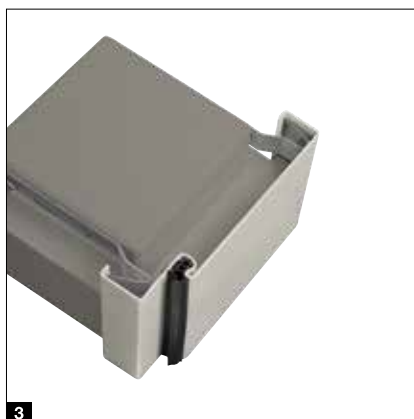
4 Fitting with trapezoidal anchor,
double-shell for retrofitting

5 Plug-and-screw fitting and
recessed drill holes in the reveal

6 Plug-and-screw fitting through the
reveal with drill hole and cover cap

7 Fitting with propeller anchor

8 Fitting with sliding anchor





1



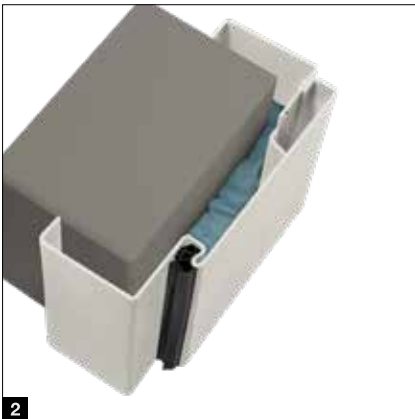
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Frame without face with very small viewed width

1 Fitting with trapezoidal anchor

Steel case frame VarioFix

2 Fitting with 2C fitting foam, double-shell for retrofitting



2



6

Profile frames

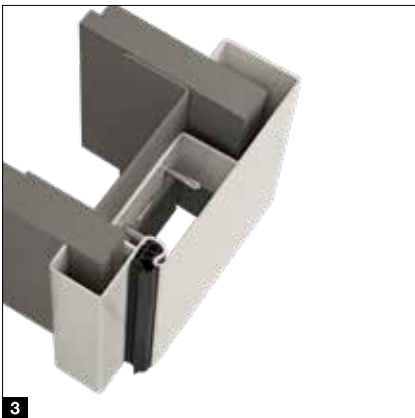
3 Fitting with grouting lugs

4 Fitting with trapezoidal anchor, double-shell for retrofitting

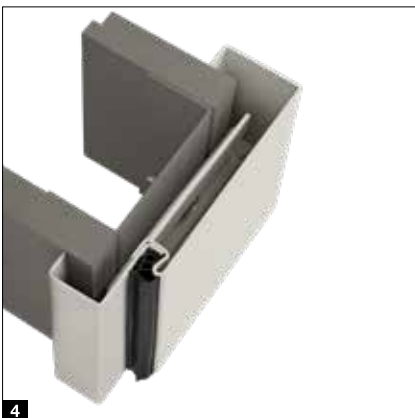
5 Fitting with recessed drill holes through the frame face

Frame without face with very small viewed width

6 Fitting with trapezoidal anchor



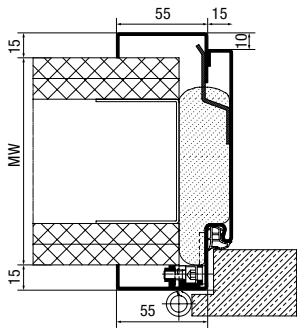
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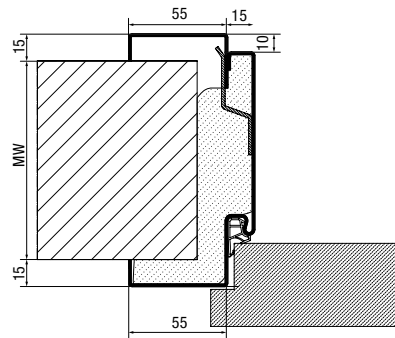
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Technology

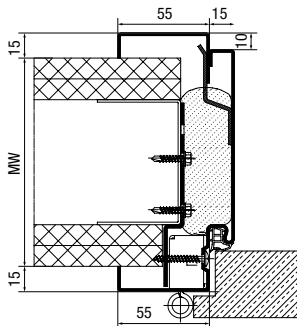
Steel case frame VarioFix



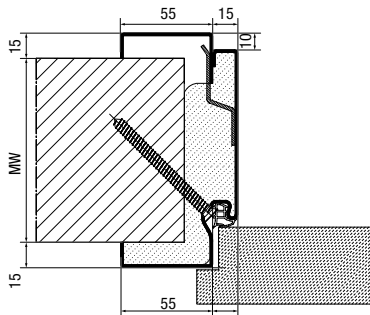
Fitting in partition walls, rebated without adapter, foamed



Fitting in brickwork, rebated without adapter, foamed



Fitting in partition walls, rebated with adapter (up to 80 kg door leaf weight)



Fitting in brickwork, diagonal fixing (countersunk hole in the groove), rebated, for Hörmann internal doors with RC 2 / RC 3 security features

Door leaf weights

(taking into account the hinge system with chamfered screw connection)

- Up to 50 kg in all wall types (selective foaming)
- **NEW.** Up to 80 kg in all wall types (with additional adapter on the hinge side or with 100% foaming)
- Up to 120 kg in solid walls or timber posts

Standard sizes

Nominal size	
Width	Height
625	2000
750	2000
875	2000
1000	2000
625	2125
750	2125
875	2125
1000	2125

All details in mm,
Nominal size = ordering size

Wall thickness compensation

Wall widths MW	Adjustable range
100	95 – 115
125	120 – 140
150	145 – 165
175	170 – 190
205	200 – 220
270	265 – 285



Rebated door leaves



Flush door leaves



NEW. Stainless steel version



50% faster fitting



Available in max. 6 workdays

Perfectly matched

The steel case frame VarioFix matches the other timber frames perfectly due to the frame face of 55 mm on both sides. The frame is available in RAL 9016 to match Hörmann residential internal doors with Duradecor surface finish. For a particularly harmonious frame view, we offer you the version with white seal as standard **1**. The steel case frame VarioFix can be used with flush or rebated door leaves and can be supplied with concealed hinges and with an elegant stainless steel lock plate on request. As a less expensive alternative, a primed surface finish with spot-welded mitre corners is also available. The frame is designed for use with glass, timber and steel door leaves.

Simple fitting

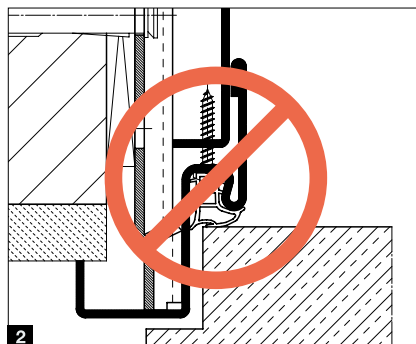
The steel case frame VarioFix frame can be fitted to all wall types without screws, using the new Hörmann 2C fitting foam, like a timber frame. This results in a time saving of up to 50% during fitting. In contrast to conventional steel frames, for the steel case frame VarioFix frame the wall width adjustment is not made in the area visible from outside. This way, an additional unattractive foldback is avoided **2**. With adjustment in the decorative rebate, it compensates for wall tolerances of up to 20 mm (-5 to +15 mm). **NEW.** The version to screw or clamp **3** can not only be quickly fitted, but can also be transported in a space-saving way.

Fast delivery times

The steel case frame VarioFix frame in the primed version and powder-coated in Traffic white RAL 9016 is available within 6 working days or ready for collection from the factory at any time in 48 standard sizes and 6 wall widths. The wall widths 100, 125, 150, 175, 205 and 270 mm are adjusted to fitting in partition walls or brickwork.



1



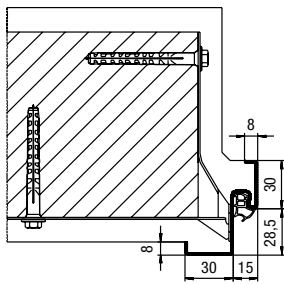
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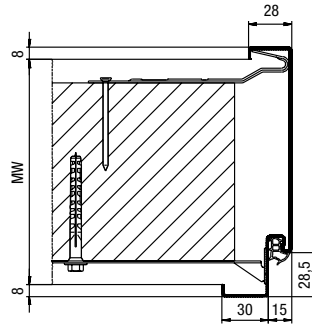
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Technology

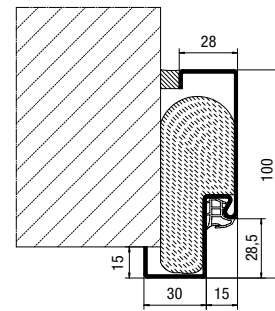
Standard sizes, corner and profile frames



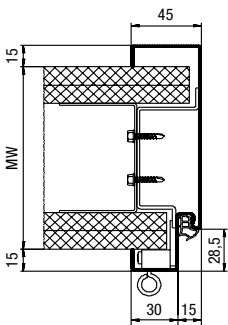
Corner frame for brickwork



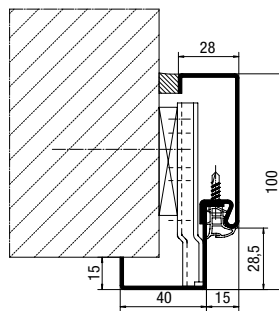
1-part profile frame for brickwork



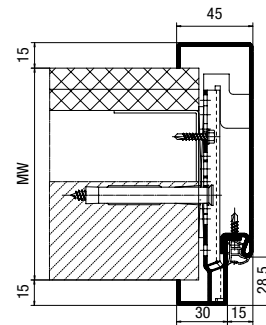
1-part corner frame for retrofitting in all wall types



1-part profile frame for partition walls



Double-shell corner frame for retrofitting in all wall types

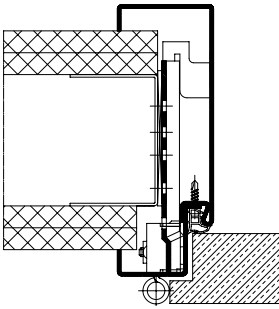


Double-shell profile frame for all wall types

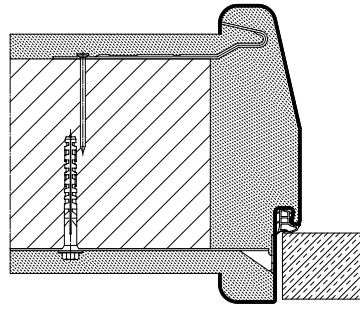
Corner and profile frames

Nominal size	Frame hold dimension	Clear frame dimension
Width x height	Width x height	Width x height
625 x 2000	591 x 1983	561 x 1968
750 x 2000	716 x 1983	686 x 1968
875 x 2000	841 x 1983	811 x 1968
1000 x 2000	966 x 1983	936 x 1968
625 x 2125	591 x 2108	561 x 2093
750 x 2125	716 x 2108	686 x 2093
875 x 2125	841 x 2108	811 x 2093
1000 x 2125	966 x 2108	936 x 2093

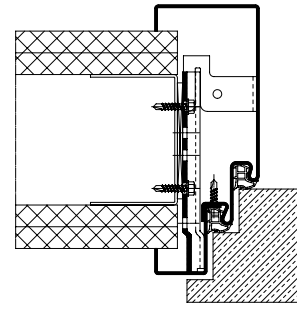
All information in mm, nominal size = ordering size



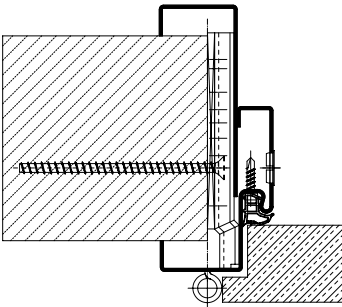
Double-shell frame without wall width adjustment, rebated



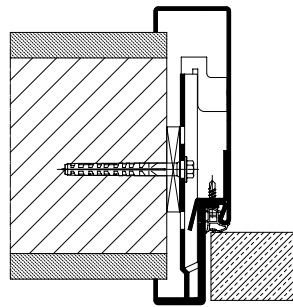
1-part brickwork frame with chamfered reveal and radii, flush



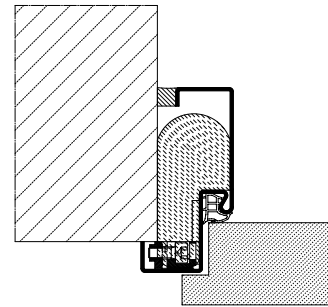
Double-shell frame with double rebate, rebated



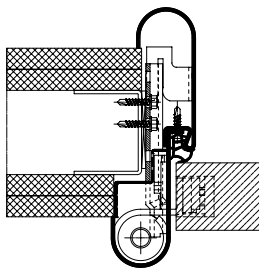
Double-shell telescopic frame with wall width adjustment, rebated .NEW



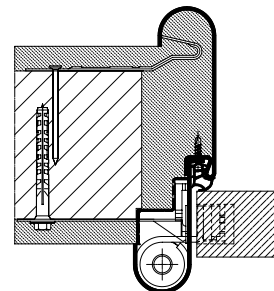
Double-shell frame with lead insert, flush



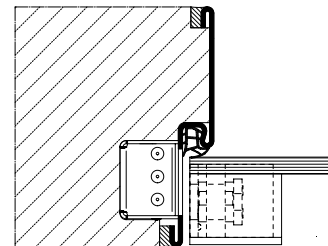
1-part corner frame without anchor for retrofitting, rebated



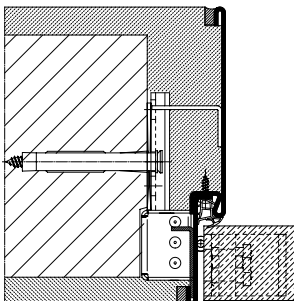
Double-shell frame "Roundstyle", flush for partition walls, with finger trap protection on the hinge side



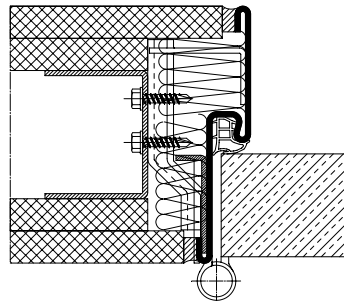
Double-shell frame "Roundstyle", flush for brickwork, with finger trap protection on the hinge side



1-part frame without face, flush, glass door hinge



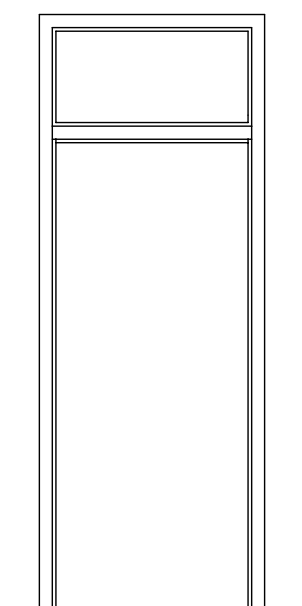
Double-shell frame without face, flush, for brickwork, concealed hinge



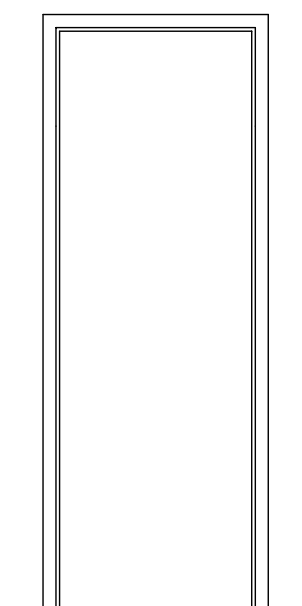
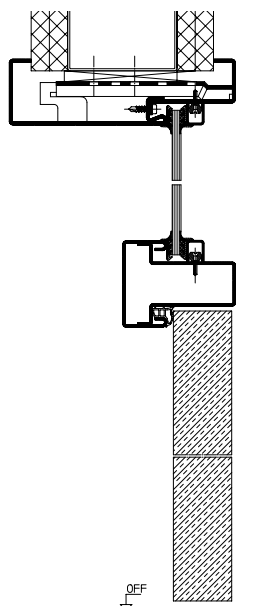
1-part frame without face, flush, for partition walls, hinge system VN 2927 / 160 Compact Planum

Technology

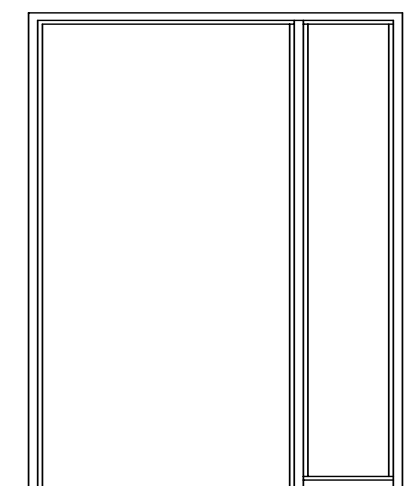
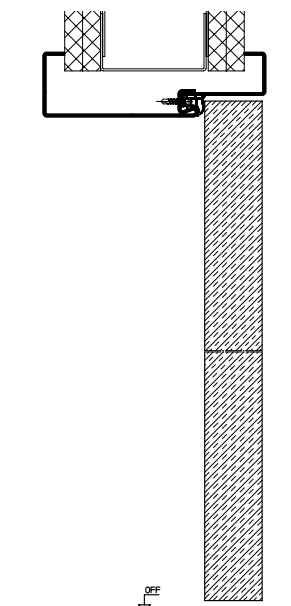
Room-high frames, side elements, transom lights



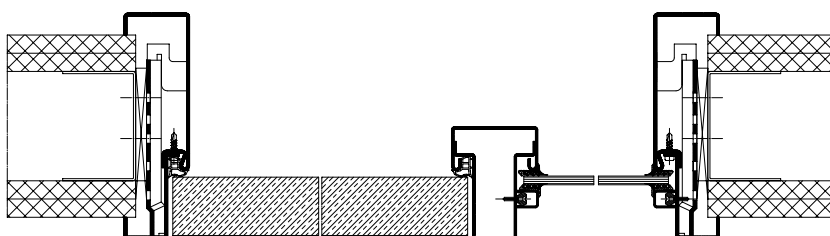
Profile frame with transom light

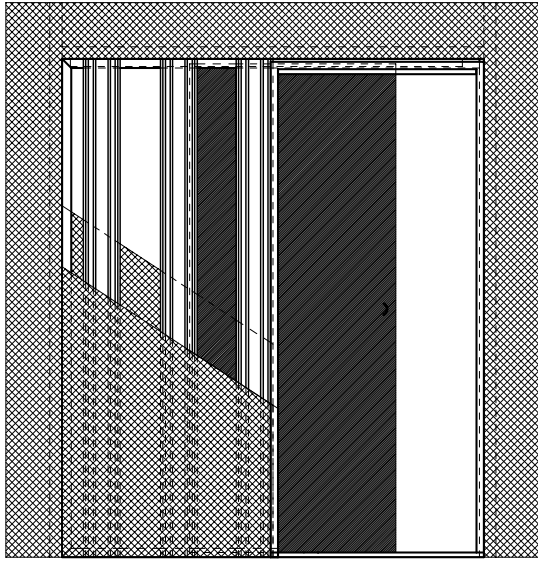


Room-high profile frame, optionally prepared for panel

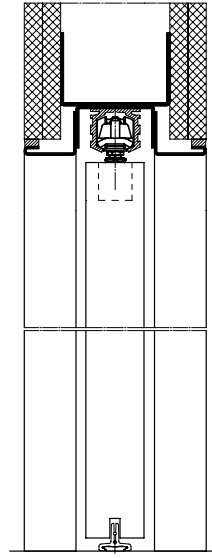


Profile frame with side element

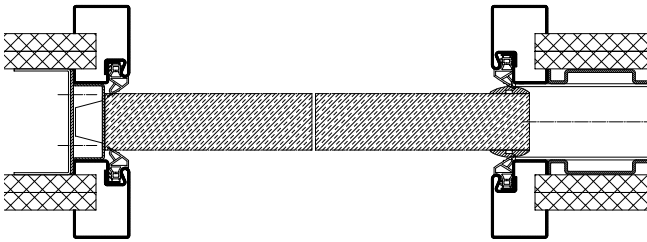




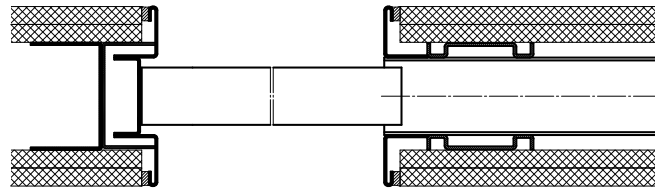
Sliding door, box design with panel



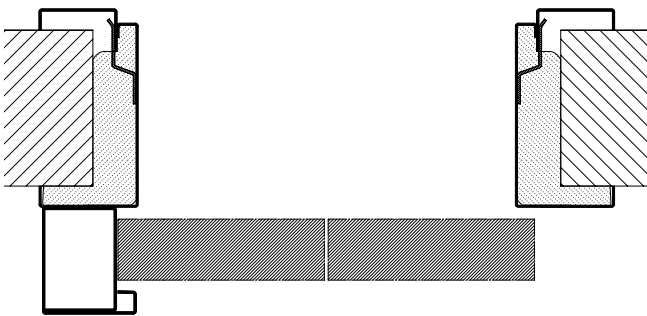
Sliding door frame without face, box design without panel



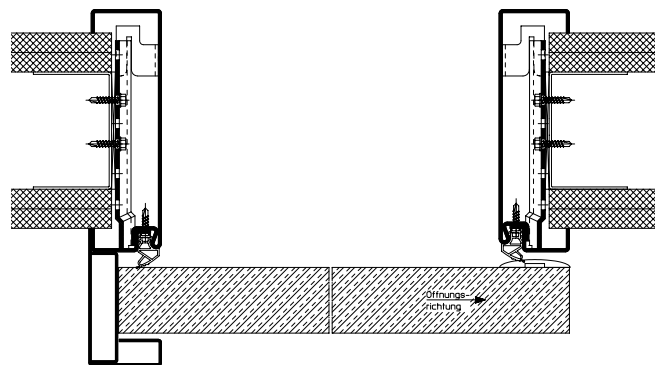
Sliding door frame running within the wall, sealed



Sliding door frame without face, running within the wall



Sliding door frame VarioFix running in front of the wall



Sliding door frame running in front of the wall, sealed

Everything from a single source for residential and commercial construction

Our large product range offers the right solution for any requirement. All products are optimally adjusted to work together, ensuring high functional safety. This makes us a strong, future-oriented partner for residential and commercial construction projects.

INDUSTRIAL DOORS. LOADING TECHNOLOGY. SLIDING DOORS. CONSTRUCTION PROJECT DOORS. PERIMETER PROTECTION SYSTEMS



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