



Steel Doors

Function doors for homes and construction projects







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* Up to 49 % better thermal insulation for the MZ Thermo65 compared to a conventional multi-purpose door

Products on title page (from left): fire-rated door H8-5 in Grey white RAL 9002, external security door KSI Thermo46 in Anthracite RAL 7016.

◀ Internal door ZK and multi-purpose door MZ Thermo46 in Traffic white RAL 9016



The right door for every room – your security is guaranteed

Whether it is a new construction or modernisation, Hörmann offers the right door with suitable functions for houses and blocks of flats, schools and authorities and for industrial and trade buildings: Whether it is security doors for side or flat entrances, fire-retarding doors for heating rooms, multi-purpose doors for work and utility areas or internal doors for offices and classrooms, you are guaranteed to find your preferred door in the Hörmann steel doors programme. Discover all the advantages and functions of our high-quality steel doors and individual design possibilities on the following pages.



Blocks of flats



Schools and authorities



Industrial and trade companies

The classification of the individual doors shows you at a glance which functions the respective door fulfils and in which characteristics – from highly suitable (★★★★★ / 5 stars) to unsuitable (no stars).

◀ House with MZ Thermo65 multi-purpose door

“A good reputation must be earned.”

August Hörmann

In keeping with the tradition started by the company's founder, the name Hörmann delivers brand name quality with extensive product expertise. The family business has over 80 years of experience as a construction component specialist and sees itself as your partner from the very beginning of building and renovation projects. It's no surprise that Hörmann is one of Europe's most successful door providers. This makes a Hörmann door a reassuring purchase.



1 Quality products from Germany

All doors are developed and manufactured by Hörmann. Our highly qualified employees work intensively on new products, continual further developments and improvements to details. The results are patents and unique products on the market. Endurance tests under real conditions ensure **mature series products with Hörmann quality.**





2 Doors for generations

We are convinced of our products and our uncompromising quality assurance. That is why **you will enjoy a Hörmann function door in your house for many years.**

3 An eye on the future

Hörmann is setting a good example. This is why the company obtains **100 % of its required energy from green sources.** At the same time, many tonnes of CO₂ are saved each year thanks to the introduction of an intelligent and certified energy management system. And last but not least, Hörmann also offers products for sustainable construction.



4 Up to 49 % improved thermal insulation

You are looking for basement and side doors with the same thermal insulation as your entrance door? Then our security door KSI Thermo46 and multi-function doors MZ Thermo46 and MZ ThermoPlus65 are the right choice for you: **the MZ ThermoPlus65 provides up to 49 % better thermal insulation than conventional multi-purpose doors.**

Further information can be found on pages 10 / 11 or 14 / 15.

5 Break-in-resistant RC 2 security equipment

Security doors KSI 40 / KSI Thermo46 and fire-rated security door WAT 40 are available **with approved, break-in-resistant RC 2 security equipment as standard.** For you, this means: feeling even more secure in your own home. For multi-purpose door H3 OD, the equipment is optionally available as an additional function.





6 Steel Profile Frame VarioFix

For the Hörmann steel profile frame VarioFix, wall tolerances of up to 20 mm are no problem: The adjustable decorative rebate easily compensates for different wall thicknesses during renovations and new construction projects. As easy to fit as a timber frame, the steel profile frame is additionally distinguished by its long service life and attractive design. **Only VarioFix offers high resistance and an elegant shape without visible foldback coupled with the fitting principle of timber frames.** Additional information about our frame types can be found on pages 30 / 31.

7 Door operator PortaMatic

Are you physically disabled or would you simply **like more convenience**? Then equip your internal doors with the innovative door operator PortaMatic. This allows you to **automatically close and open** the doors via a hand transmitter or button, improving your **quality of life**.



KSI Thermo46

High security and the best thermal insulation

Thanks to the door leaf with thermal break, the security door KSI Thermo46 offers the best thermal insulation and reduces the risk of condensation forming in heated rooms in contrast to a steel door. The break-in-resistant RC 2 security equipment means you can also feel secure in your home. We recommend using this quality door as an external door for basements, outbuildings and garages.

Break-in resistance
★★★★★
Thermal insulation
★★★★★
Acoustic insulation
★★
Fire-retarding
Smoke-tightness
Stress
★★★★★
Deformation resistance
★★★★★



Product characteristics

External door for

- Basements
- Heated outbuildings
- Garages with direct access to the house

Ready-to-fit door set

Door leaf and frame with thermal break, galvanized and painted in Traffic white (similar to RAL 9016).

Single-leaf

Break-in-resistant RC 2

acc. to DIN EN 1627 on opposite hinge side

Thermally insulated

$U_D = 1.1 \text{ W/(m}^2\cdot\text{K)}$

The same thermal insulation as with entrance doors

These days, saving energy is important throughout the entire home. The security door KSI Thermo46 provides excellent thermal insulation thanks to the **door leaf filled with PU rigid foam**; door leaf, frame and threshold all come with **a thermal break**. The door also features double seals on all four sides. With all of this, the KSI Thermo46 has a thermal insulation value usually only found in entrance doors.

Security as standard

Basement and side doors are often weak spots when it comes to security. In this respect, the KSI Thermo46 offers the best equipment as well: 2 conical swing bolts and 2 additional security bolts and 1 lock bolt engage in the frame's lock plate and firmly pull the door shut. 3 further security bolts and 3 guide rollers on the hinge side make it practically impossible to force the door open.



The security door KSI Thermo46 features a 46 mm-thick door leaf and a very good thermal insulation value of up to $1.1 \text{ W/(m}^2\cdot\text{K)}$.



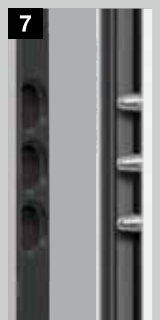
Three-way adjustable guide rollers for easy door function



Lock bolt for standard security



Swing bolt with security bolts



Security bolts on the hinge side



Colours and Decor Surfaces Page 29

Size Range Page 32

* Up to 30 % better thermal insulation compared to a conventional security door



KSI 40

The proven classic for more security

Basement entrances, outbuildings and garages are often equipped with old doors that can be forced open in seconds. Always remember: if the basement door is open, the whole house is accessible. This is why we recommend the security door KSI 40 with standard security equipment for these areas.

Break-in resistance

★★★★★

Thermal insulation

★★★

Acoustic insulation

★★

Fire-retarding

Smoke-tightness

Stress

★★★★★

Deformation resistance

★★★★★

Stars in black: for standard equipment

Stars in grey: with optional equipment



Product characteristics

External door for

- Basements
- Unheated outbuildings
- Free-standing garages

Ready-to-fit door set

Door leaf and frame, galvanized and with powder-coated primer in Traffic white (similar to RAL 9016).

Single-leaf

Break-in-resistant RC 2

acc. to DIN EN 1627 on hinge side and opposite hinge side

Thermally insulated

$U_D = 1.7 \text{ W/(m}^2\cdot\text{K)}$

Acoustic rating

R_w approx. 31 dB with double lip seal as standard

R_w approx. 32 dB with optional retractable bottom seal

Climatic class III

acc. to RAL-RG 426

Duty category S

acc. to RAL-RG 426

Stable door leaf

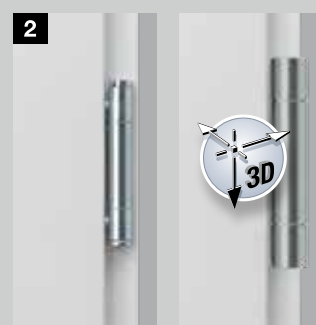
The KSI 40 features a double-skinned, 40-mm-thick door leaf with 3-sided thick rebate and sheet steel on both sides (0.8 mm). The stability of the door leaf is a result of the all-round reinforcement frame and the mineral wool insert which is glued over the entire surface. A 3-sided EPDM seal and double lip seal (incl. aluminium semicircular threshold as a bottom edge) seal the door reliably. This means you can always rely on the door in terms of function and tightness. Hörmann offers this door as a complete set with frame.

High security

The standard security of the KSI 40 lets you and your family sleep peacefully, as it comes with pull-off protection and a drill-resistant security lever / knob handle set. The solid steel bolts on the hinge side make it almost impossible to force the door open. The KSI 40 has been tested in accordance with European standard DIN EN 1627 on the hinge and opposite hinge side and has resistance class 2.



1.5-mm-thick corner frame with all-round seal



3-part hinge (standard)

Three-way adjustable VX hinge (on request)



Security lever / knob handle set with drill resistance and pull-off protection

Lock bolt for standard security



Solid steel security bolts on the hinge side



Colours and Decor Surfaces Page 29

Size Range Page 32



MZ Thermo65 / MZ Thermo46

External doors with thermal break and the best thermal insulation values

The multi-purpose doors are more than just extremely robust. Thanks to the thermal break, they offer up to 49 % better thermal insulation and reduce the risk of condensation forming in heated rooms in contrast to a steel door. They are available with or without glazing as well as in numerous colours and decor surfaces.

Break-in resistance

★ ★

Thermal insulation

★ ★ ★ ★ ★

Acoustic insulation

★ ★

Fire-retarding

Smoke-tightness

Stress

★ ★ ★ ★ ★

Deformation resistance

★ ★ ★ ★ ★



Product characteristics

External door for

- Basements
- Heated outbuildings
- Garages with direct access to the house
- Workshops and hobby rooms

Ready-to-fit door set

Door leaf and frame with thermal break, galvanized and painted in Traffic white (similar to RAL 9016).

Single-leaf

Thermally insulated

MZ Thermo65

THP 011: $U_D = 0.87 \text{ W/(m}^2\cdot\text{K)}$

THP 051: $U_D = 1.0 \text{ W/(m}^2\cdot\text{K)}$

MZ Thermo46

TPS 011: $U_D = 1.1 \text{ W/(m}^2\cdot\text{K)}$

TPS 021: $U_D = 1.4 \text{ W/(m}^2\cdot\text{K)}$

TPS 051: $U_D = 1.6 \text{ W/(m}^2\cdot\text{K)}$

TPS 021 / 051 glazing

Double insulated glazing (24 mm) with a U-value of up to approx. $1.4 \text{ W/(m}^2\cdot\text{K)}$, with synthetic glazing frame

High thermal insulation

The MZ Thermo65 / MZ Thermo46 multi-purpose doors will help you reduce heating losses permanently. The door leaf with PU rigid foam infill, frame and threshold all come with a thermal break. This and the all-round double seals on all four sides make sure the door is perfectly sealed and improves thermal insulation by up to 49 % compared to a conventional multi-purpose door.

Stability and functionality

The MZ Thermo46 / MZ Thermo65 is exceptionally stable and robust thanks to the fully filled door leaf. The door can be optimally adjusted using the three-way adjustable guide rollers.

With or without glazing

On request, the MZ Thermo46 also comes with glazing to let daylight into your workshop or hobby room. The glazed versions also offer excellent thermal insulation on the interior and exterior thanks to double insulated safety glass.



The multi-purpose door

MZ Thermo65 offers first class insulation with a 65-mm-thick door leaf and a particularly high U_D -value of up to $0.87 \text{ W/(m}^2\cdot\text{K)}$.



The multi-purpose door

MZ Thermo46 features a 46-mm-thick door leaf and a thermal insulation value of up to $1.1 \text{ W/(m}^2\cdot\text{K)}$.



Glazing frame Roundstyle in TPS 021



Glazing frame Profilstyle in TPS 051

You may choose from 3 styles: with a solid door leaf or glazing.



THP 011 / TPS 011



TPS 021



THP 051 / TPS 051



Colours and Decor Surfaces Page 29

Size Range Page 32

* Up to 49 % better thermal insulation compared to a conventional multi-purpose door

MZ

Stable and inexpensive internal and external door

Proven for over four decades, this multi-purpose door is stable, durable and weather-resistant, making it ideal for inside and outside. The MZ comes in a single-leaf or double-leaf design and is available with glazing on request.

Break-in resistance

★ ★

Thermal insulation

★ ★ ★

Acoustic insulation

★ ★ ★

Fire-retarding

★ ★ ★

Smoke-tightness

★ ★ ★

Stress

★ ★ ★ ★ ★

Deformation resistance

★ ★ ★ ★ ★



Product characteristics

Internal and external door for

- Unheated outbuildings
- Utility sheds
- Storage rooms

Ready-to-fit door set

Door leaf and frame, galvanized and with powder-coated primer in Grey white (similar to RAL 9002).

Single or double-leaf

Dual handed (with corner frame)

Thermally insulated

$U_D = 1.7 \text{ W/(m}^2 \cdot \text{K)}^*$

Acoustic rating

Rw approx. 39 dB*

Possible additional functions:

T30 fire-retarding*

As a fire-rated door H8-5 up to door size 1000 x 2125 mm (see page 18)

* For doors without glazing and with corner frame

Stability for you

This ready-to-fit door set is especially robust thanks to a double-skinned, 45-mm-thick door leaf rebated on both sides, a sheet thickness of 0.9 mm, a mineral wool infill and steel reinforcement. The door provides a very high level of security with 2 solid steel security bolts. A 2-mm-thick corner frame with all-round EPDM seal keeps the door shut tight and has a bottom threshold rail that can be easily removed. The door is also available with a block frame and a 3-sided EPDM seal on request.



2-mm-thick corner frame with all-round seal

More light thanks to glazing

Hörmann also offers its multi-purpose door MZ with glazing. Due to security reasons, this glazing is kept very narrow or very small, but it still lets you benefit from daylight inside. 7 mm wired glass is provided as standard, but 20 mm insulated wired glass with a view of 230 x 1360 mm is also possible. The natural-finish aluminium glazing frame is fastened on the opposite hinge side with glazing beads as standard. For doors opening inwards, the glazing frame is optionally available with glazing beads on the hinge side.



Rectangular glazing (optional)



Round glazing (optional)



Glazing view 5 (optional)





H8-5

The best-selling boiler room door in Europe

For decades, the fire-rated door H8-5 has been providing optimum safety for boiler rooms and rooms with oil tanks. This door is the best example of how you can benefit from Hörmann's expertise in fire protection.

Break-in resistance
★ ★
Thermal insulation
★ ★ ★
Acoustic insulation
★ ★ ★
Fire-retarding
★ ★ ★ ★ ★
Smoke-tightness
★ ★ ★ ★ ★
Stress
★ ★ ★ ★ ★
Deformation resistance
★ ★ ★ ★ ★
Stars in black: for standard equipment
Stars in grey: with optional equipment



Product characteristics

Internal door for

- Boiler rooms
- Rooms with oil tanks

Ready-to-fit door set

Door leaf and frame, galvanized and with powder-coated primer in Grey white (similar to RAL 9002).

Single-leaf

Dual handed

Thermally insulated

acc. to EN ISO 12567-1
 $U_D = 1.7 \text{ W/(m}^2\cdot\text{K)}^*$

Acoustic rating

acc. to DIN 52210
Rw approx. 39 dB*

T30 fire-retarding

acc. to DIN EN 1634

Possible additional functions:

Smoke-tight

acc. to DIN 18095
with overhead door closer, smoke-tight seal and threshold**

* With all-round seal

** Not suitable for escape and rescue routes

Stable door leaf

The double-skinned, 45-mm-thick door leaf is rebated on two sides. With a sheet thickness of 0.9 mm it is highly stable and is equipped with a fire-retarding mineral wool infill, steel reinforcement and 2 steel security bolts. The lock and lever handle set may be used with profile cylinders and deadlock keys (BB). One deadlock key is provided.

Integrated fire protection

On both the door and fire hatch the fire-proof material is not exposed but is concealed on the front side across the full width and flush-fitting.

Sealed all-round

The 2-mm-thick corner frame with all-round seal reliably seals the fire-rated door H8-5. The bottom threshold rail is easy to remove if fitted with a continuous floor.

Fire-rated door Quadro

The 4-sided rebated fire-rated door Quadro with 65-mm-thick door leaf is recommended for higher demands on fire protection. It is available as fire-retarding in fire protection classes T30, with high fire resistance in T60 and fire-proof in T90.



2-mm-thick corner frame with all-round seal



The model H8-5 fire hatch is recommended for rooms with oil tanks





H3 OD

The functional door between garage and home

Due to fire hazards in garages, a fire-rated door between the house and garage is required by law. The H3 OD multi-purpose door is the best choice for this sensitive area. On request, this door can also act as a seal against smoke and engine noise and additionally protects your family from unwanted visitors with the RC 2 security package.

Break-in resistance	★★★★★
Thermal insulation	★★
Acoustic insulation	★★★★★
Fire-retarding	★★★★★
Smoke-tightness	★★★★★
Stress	★★★★★
Deformation resistance	★★★★★
Stars in black: for standard equipment	
Stars in grey: with optional equipment	



Product characteristics

Internal door for

the passage from the garage into the house

Ready-to-fit door set with universal corner frame

Door leaf and frame, galvanized and with powder-coated primer in Grey white (similar to RAL 9002).

Single or double-leaf

Thermally insulated

$U_D = 1.5 \text{ W/(m}^2\cdot\text{K)}$

T30 fire-retarding

acc. to DIN 4102 and EN 1634

Possible additional functions:

Break-in-resistant RC 2**

acc. to DIN EN V 1627

Acoustic-rated*

acc. to DIN EN ISO 717.1 with 32 – 33 dB

Smoke-tight

acc. to DIN 18095

Glazings***

Clear fire-proof glass F30

* The acoustic values apply to solid doors without glazing and are not applicable to doors fitted into gas concrete.

** The resistance class RC 2 applies to doors without glazing and is not applicable to doors fitted into partition walls.

*** Please note: glazed doors require an overhead door closer.

Fully bonded door leaf

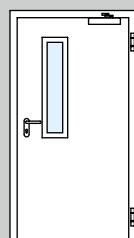
The fully bonded composite construction of the door leaf ensures particularly high stability. The door always closes securely and accurately with a satisfying noise. The risk of door leaf warping or unevenness is virtually eliminated by the permanently flush surface.

Rebate and door leaf on request

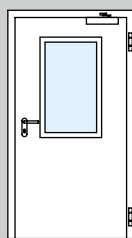
We supply the fire-rated door H3 OD in the thin rebate version as standard. The door comes in a thick rebate version for an identical view with your internal doors or in the version with a flush-closing door leaf for a very elegant door appearance on request.

With optional glazing

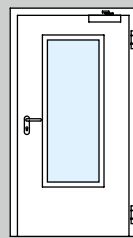
On request, the multi-function door H3 OD is available with clear fire-proof glass for more light. These doors are equipped with an additional overhead door closer.



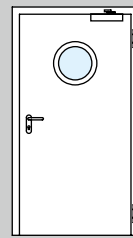
Glazing
View 1



Glazing
Figure 2



Glazing
View 3



Round glazing
Ø 300, 400,
500 mm

A frame for all wall types

The multi-function door H3 OD is fitted quickly, easily and flexibly with the universal corner frame as standard. Thanks to the diagonal or anchor plate, the frame can be fitted in almost all fitting situations and wall types. The universal corner frame can be easily upgraded to a profile frame with the Vario B53 counter frame.



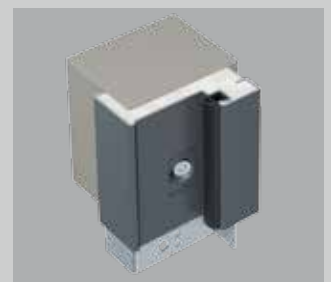
Thin rebate version as standard



Optional thick rebate version



Optional flush fitting version



Universal corner frame, brickwork



Universal corner frame with counter frame Vario B53, concrete



WAT 40

The safe apartment entrance door

The robust fire-rated and security door WAT 40 offers residents of blocks of flats extra security. With a thick rebate leaf design and numerous colour and decor options, the door blends in perfectly with the other internal doors in your home.

Break-in resistance
★★★★★
Thermal insulation
★★
Acoustic insulation
★★★
Fire-retarding
★★★★★
Smoke-tightness
★★★★★
Stress
★★★★★
Deformation resistance
★★★★★
Stars in black: for standard equipment
Stars in grey: with optional equipment



Product characteristics

Internal door for

- the flat entrance
- the passage from the garage into the home

Ready-to-fit door set

Door leaf and frame, galvanized and painted in Traffic white (similar to RAL 9016).

Single-leaf

Break-in-resistant RC 2
acc. to DIN EN 1627

Thermally insulated*
 $U_D = 1.8 \text{ W/(m}^2\cdot\text{K)}$

Acoustic-rated*
acc. to EN ISO 717-1
Rw approx. 38 dB

T30 fire-retarding
acc. to DIN EN 1634

Possible additional functions:

Smoke-tight

acc. to DIN EN 1634-3
with optional overhead door closer and bottom seal

* Only in combination with a corner frame

Stable and functional

The WAT 40 features a double-skinned door leaf with a thick rebate design, an insert which is glued over the entire surface and sheet steel on both sides, making it especially stable. Door function and tightness are always ensured thanks to three-way adjustable hinges, seals on three sides and a retractable bottom seal.

Security and fire protection as standard

The WAT 40 provides a high level of security through its multiple-point locking which features a security lever / knob handle set with drilling and pull-off protection and 3 steel bolts to prevent forced opening. This and the fact that it can withstand a fire for at least 30 minutes make the WAT 40 the right choice if fire protection and security are equally important to you.

Harmonious appearance with internal doors

With the door leaf in thick rebate version and numerous colour and decor options, such as in a naturally beautiful timber look, the WAT 40 blends in perfectly with the other internal doors in your home.

As a passage from the garage into the home

With standard fire protection and security functions, the WAT 40 is also the right choice for the passage from the garage into your home.



Stable door leaf in a thick rebate design



Security lever / knob handle set with drill resistance and pull-off protection



Three-way adjustable galvanized guide rollers for easy door function

3 solid steel bolts on the hinge side prevent forced opening



Colours and Decor Surfaces Page 29

Size Range Page 32



ZK

The durable and inexpensive door

Over many years, ZK doors have proven themselves as robust doors for inside rooms in houses and blocks of flats. ZK doors do not warp and come with a high-quality surface that is durable, resistant to stains and easy to clean. Reliable quality at a low price.

Break-in resistance

Thermal insulation

★ ★

Acoustic insulation

Fire-retarding

Smoke-tightness

Stress

★ ★ ★ ★

Deformation resistance

★ ★ ★ ★ ★



Product characteristics

Internal door for

- Basements
- Children's rooms
- Entrance to an unrenovated loft

Door leaf or single, ready-to-fit door set

Door leaf and frame, galvanized and painted in Traffic white (similar to RAL 9016).

Single or double-leaf

Thermally insulated

$U_D = 2.1 \text{ W/(m}^2 \cdot \text{K)}^*$

Acoustic rating

R_w approx. 25 dB*

Climatic class III

acc. to RAL-RG 426

Duty category S

acc. to RAL-RG 426

* For doors without glazing and with corner frame

Stable door leaf

The double-skinned, 40-mm-thick door leaf with a thick rebate on 3 sides consists of galvanized sheet steel (0.6 mm) and a honeycomb insert glued over the entire surface, making it dimensionally stable and robust.

Fully equipped as standard

As standard, you will receive the internal door ZK with a fitted lock and bright galvanized hinge top parts V 0020, firmly screwed into the reinforced sections, but without a lever handle set.

As just a door leaf or ready-to-fit with a frame

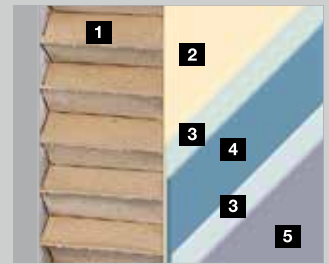
The internal door ZK is supplied as just a door leaf or as a ready-to-fit door set, i.e. complete with lever handle set and special corner frame in Traffic white.

Smooth, quiet closing

The door has a mortice lock with lever / knob acc. to DIN 18251 class 3 and is prepared for profile cylinders (backset 55 mm). The door closes easily and quietly since it is equipped as standard with a plastic catch and steel bolt, deadlock insert and key, and on request with a profile cylinder.

Flexible fitting

Thanks to the height adjustment and individual surface design, ZK doors are also ideal for modernising any room from the basement to the roof. They can be flexibly used in existing standard frames and all Hörmann steel frames (prepared for series V 8000 hinges).



- 1 Honeycomb insert
- 2 Adhesive
- 3 Zinc coating
- 4 Steel
- 5 Powder-coating / foil-coating



You can individually design your door's smooth, silk matt surface.



The door leaf can be shortened at the bottom. With a height adjustment of up to 20 mm, this door is suitable for any modernisation project.

Optional extras

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and Decor Surfaces

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OIT 40

Robust internal doors to meet high demands

The high-quality internal doors OIT 40 are highly robust, retain their shape and are hard-wearing. They are recommended for tough everyday use in industrial and commercial buildings, workshops, administrative buildings, schools and barracks. Thanks to the different infill variations, they also fulfil the special requirements of acoustic insulation and thermal insulation.

Break-in resistance

★★★★★

Thermal insulation

★★★★

Acoustic insulation

★★★★

Fire-retarding

Smoke-tightness

Stress

★★★★★

Deformation resistance

★★★★★

Stars in black: for standard equipment

Stars in grey: with optional equipment



Product characteristics

Internal door for

- Offices
- Classrooms
- Work rooms

Door leaf or single, ready-to-fit door set

Door leaf and frame, galvanized and painted in Traffic white (similar to RAL 9016).

Single or double-leaf

Break-in-resistant RC 2 DIN EN 1627

Thermally insulated

$U_D = 2.1 \text{ W/(m}^2\cdot\text{K)}^*$
with tubular chipboard
 $U_D = 1.7 \text{ W/(m}^2\cdot\text{K)}^*$
with optional mineral wool insert, double lip seal and aluminium semicircular threshold

Acoustic rating

R_w approx. 32 dB*
with tubular chipboard
R_w approx. 38 dB*
with optional composite timber insert and retractable bottom seal

Climatic class III

acc. to RAL-RG 426

Duty category S

acc. to RAL-RG 426

* For single-leaf doors in conjunction with corner frame and without glazing

As a door leaf or door set

OIT 40 doors are available as a ready-to-hang door leaf or as a complete ready-to-fit door set. The door leaf is delivered with fitted lock and bright-galvanized hinge top parts V 0026 WF firmly screwed into the reinforced sections. The door set consists of a door leaf including lever handle set and a special corner frame made from 1.5-mm-thick galvanized sheet steel with powder-coated primer in Traffic white (similar to RAL 9016) as standard.

Frame equipment

The frame is fitted with an EPDM seal on 3 sides, with welded frame parts and grouting lugs. The door is delivered with corner and profile frame as well as block frame; you can also insert it into an existing standard frame or in every Hörmann steel frame.

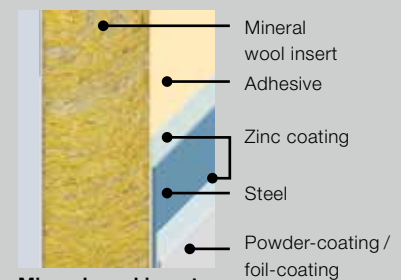
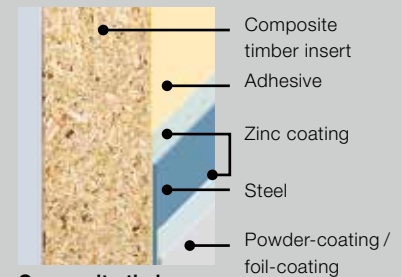
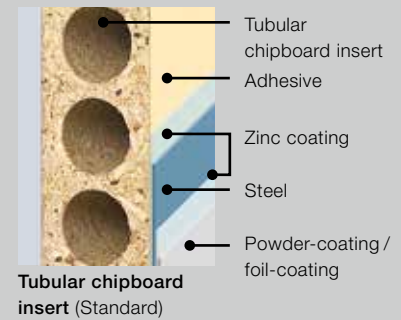
Door hinges selectable in the building system

The door can be optimally adjusted with maintenance-free 3-part hinges as standard. As an option, you can obtain three-way adjustable VX hinges.

Mortice lever / knob lock

The lock is prepared for a profile cylinder (backset 55 mm) and fulfils all DIN 18251 requirements. The equipment includes a plastic latch and steel bolt, deadlock insert as well as a key. The lock is also supplied with a profile cylinder on request.

Steel and timber well combined: especially heavy-duty door leaves in three infill versions



Optional extras

Page 28



Colours and Decor Surfaces

Page 29

Size Range

Page 32

Extra equipment for an individual design

Glazing shapes for internal doors ZK and OIT 40



Round glazing
Ø 300 or 400 mm,
brushed stainless steel



Glazing view 5
Anodised aluminium
in natural finish (E6 / EV 1)



Glazing view 6
Anodised aluminium
in natural finish (E6 / EV 1)



Glazing view 7
Anodised aluminium
in natural finish (E6 / EV 1)



Glazing view 8
Anodised aluminium
in natural finish (E6 / EV 1)



Masterpoint



Mastercarré



Masterligne

The glazing in the door

All ZK and OIT 40 internal doors are available with glazing in the structures shown, with light 7 mm wired ornamental glass, 6 mm single-pane or laminated safety glass.

For on-site glazing, please note the pane thickness of 4 – 6 mm. Round glazing is only available from the factory.

Optional extras for internal door ZK and OIT 40



Plastic ventilation grille
(455 x 90 mm)



Wide-angle spyhole

Optional lever handle sets in various shapes and surfaces for internal door ZK and OIT 40



Lever / knob handle set
with rose escutcheon,
black or white plastic



Lever handle set
with rose escutcheons
in stainless steel



Lever / knob handle
set with short
escutcheon in natural
finish anodised
aluminium

Whatever you want!

Preferred colours

Hörmann steel doors come in inexpensive preferred colours and all RAL colours. Surfaces are powder-coated with a high-quality primer (painted for external doors) which makes them especially resistant and durable.

RAL to choose

The Hörmann steel doors are available in all RAL colours on request.

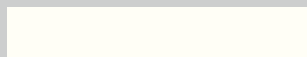


Decors

For a natural and exclusive door style, we offer high-quality decors in true-to-original timber looks as well as the especially elegant Titan Metallic CH 703 decor.



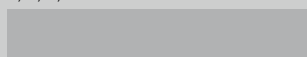
Traffic white RAL 9016
1) 2) 3) 4) 5)



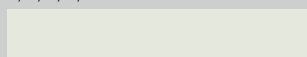
Pure white RAL 9010
4)



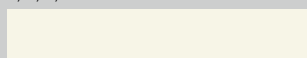
Grey aluminium RAL 9007
1) 3) 4)



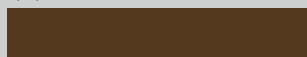
White aluminium RAL 9006
1) 2) 3) 5)



Grey white RAL 9002
1) 3) 4)



Cream RAL 9001
1) 3)



Terra brown RAL 8028
1) 2) 3) 5)



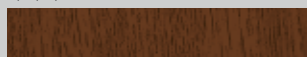
Clay brown RAL 8003
1) 2) 3) 5)



Window grey RAL 7040
1) 2) 3) 5)



Golden Oak
1) 3) 5)



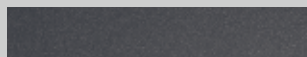
Dark Oak
1) 3) 5)



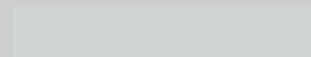
Night Oak
1) 3) 5)



Winchester Oak
1) 5)



Titan Metallic CH 703



Light grey RAL 7035
1) 2) 3) 4) 5)



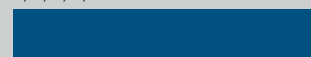
Anthracite grey RAL 7016
1) 2) 3) 4) 5)



Moss green RAL 6005
1) 2) 3) 5)



Pigeon blue RAL 5014
1) 2) 3) 5)



Gentian blue RAL 5010
1) 3)



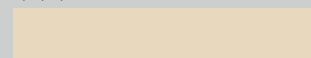
Purple red RAL 3004
1)



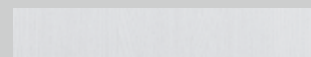
Ruby red RAL 3003
1) 2) 3) 5)



Flame red RAL 3000
1) 3) 4)



Light ivory RAL 1015
1) 2) 3) 5)



White Ash
3) 5)



Light Oak
3) 5)



Beech
3) 5)

All colours based on RAL.

The colours and surface finishes shown are subject to the limitations of the printing process and cannot be regarded as binding. Dark colours should not be used for doors that are exposed to the sun, as an increased material expansion may impair the door's function.

- 1) for KSI Thermo46, MZ Thermo65, MZ Thermo46
- 2) for KSI 40
- 3) for WAT 40
- 4) for H3 OD
- 5) for ZK, OIT 40

Proven and inexpensive frames

Hörmann steel frames are especially robust and can withstand “accidents” with toy cars or run-ins with hard objects. The hot-galvanized and primed surface can be painted individually, letting you match it perfectly to the look of the steel or timber doors used. On request, the frames also come with a high-quality powder coating in any RAL colour.



Product characteristics

Corner and profile frames for 40-mm-thick rebated door leaves

Ready-to-fit standard frames galvanized and with powder-coated primer in Light grey (similar to RAL 7035).

Versions

- Ready-to-fit and welded
- To screw or clamp

Fitting in

- Brickwork
- Partition wall

Corner or profile frame

Where do you want your internal door to be fitted? This question must be answered before you can select your frame. If installed in brickwork, in the basement for example, an inexpensive corner frame is all you need. However, for the living areas we recommend a profile frame enveloping the wall. Partition wall frames are always designed as profile frames and are ideal for dry loft constructions.

Welded or to screw or clamp

All Hörmann standard frames for brickwork or partition walls are ready-to-fit and welded or to screw or clamp. They come in a handy package that can be transported in a car and are already prepared for easy fitting by yourself.

Variety is our strength

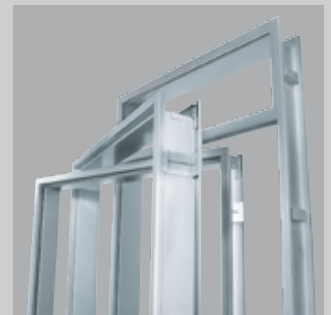
We have every frame you could possibly need. We offer door and window frames or passage frames between rooms. The frames are also available with segmental arches or Norman arches as well as in combination with a side element and transom light. All frames are additionally available in a final coating in any RAL colour or an elegant stainless steel version. We would be pleased to advise you.

Flexible, long-lasting, elegant: VarioFix frame

For the Hörmann steel profile frame VarioFix, wall tolerances of up to 20 mm are no longer a problem: The adjustable decorative rebate compensates for different wall thicknesses during renovations and new construction projects. As easy to fit as a timber frame, the steel profile frame is additionally distinguished by its long service life and attractive design. Only VarioFix offers high resistance and an elegant shape coupled with the fitting principle of timber frames.

Bottom image:

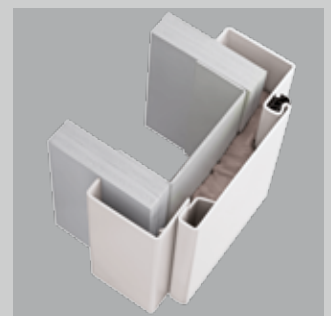
Sliding door frame for glass and timber pocket doors.



Corner and profile frames



Frame to screw or clamp



Profile frame VarioFix



STEEL DOORS SIZE RANGE

Standard sizes	External doors				Internal doors					
Ordering size	Security door		Multi-purpose door		Fire-rated door		Multi-function door	Fire-rated security door	Internal door	Internal door
	KSI Thermo46	KSI 40	MZ Thermo46/ MZ Thermo65	MZ	H8-5	Quadro	H3 OD	WAT 40	ZK	OIT 40
Single-leaf doors										
750 × 875					●					
800 × 800					●					
875 × 875					●					
875 × 1000					●					
875 × 1250					●					
875 × 2000	■									
875 × 2125	■		■							
625 × 2000									●	●
750 × 1750				●	●					
750 × 1875				●	●				●	●
750 × 2000		●		●	●	●	●	●	●	●
750 × 2125		●				●	●	●	●	●
800 × 1800				●	●					
800 × 1875				●	●					
800 × 2000				●	●					
875 × 1750				●	●					
875 × 1800				●	●					
875 × 1875		●		●	●	●	●		●	●
875 × 2000		●		●	●	●	●	●	●	●
875 × 2125		●		●	●	●	●	●	●	●
1000 × 1875		●		●	●				●	●
1000 × 2000	■	●	■	●	●	●	●	●	●	●
1000 × 2100	■		■							
1000 × 2125	■	●	■	●	●	●	●	●	●	●
1100 × 2100	■		■							
1125 × 2000						●	●			
1125 × 2125				●		●	●		●	●
1250 × 2000				●					●	●
1250 × 2125				●					●	●
Double-leaf doors										
1500 × 2000				●			●		●	●
1500 × 2125							●		●	●
1750 × 2000				●			●		●	●
1750 × 2125							●		●	●
2000 × 2000				●			●		●	●
2000 × 2125				●			●		●	●
2125 × 2125							●			
2250 × 2250							●			

Please state handing on order!



Left-hand hinged



Right-hand hinged



Traffic leaf left-hand hinged



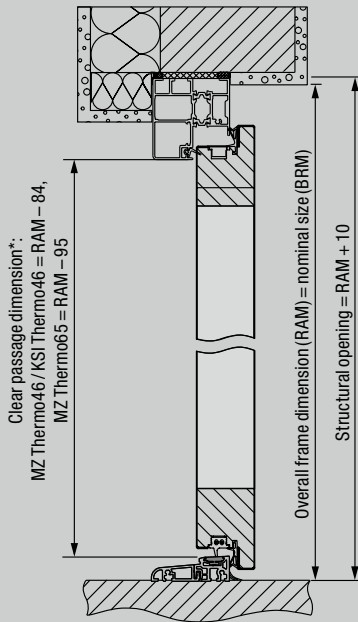
Traffic leaf right-hand hinged

Special sizes	External doors					
Ordering size	Security door		Multi-purpose door			
	KSI Thermo46	KSI 40	MZ Thermo46 / MZ Thermo65			MZ
			TPS 011 / THP 011	TPS 021	TPS 051 / THP 051	
Single-leaf doors						
Width	■ 832 – 1250	● 625 – 1250	■ 700 – 1250	■ 700 – 1250	■ 875 – 1250	● 625 – 1250
Height	■ 1875 – 2250	● 1700 – 2250	■ 1750 – 2250	■ 1875 – 2250	■ 1875 – 2250	● 1570 – 2134
Double-leaf doors						
Width						● 1250 – 2250
Height						● 1570 – 2134

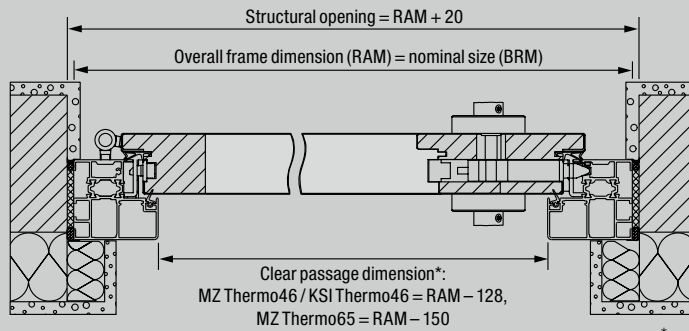
Special sizes	Internal doors					
Ordering size (nominal size)	Fire-rated door		Multi-function door	Fire-rated security door	Internal door	Internal door
	H8-5	Quadro	H3 OD	WAT 40	ZK	OIT 40
Single-leaf doors						
Width	● 625 – 1000	● 625 – 1172	● 625 – 1125	● 625 – 1164	● 500 – 1250	● 500 – 1250
Height	● 1750 – 2125	● 1750 – 2136	● 1750 – 2250	● 1964 – 2132	● 1500 – 2250	● 1500 – 2250
Double-leaf doors						
Width			● 1375 – 2250		● 1500 – 2500	● 1500 – 2500
Height			● 1750 – 2250		● 1500 – 2250	● 1500 – 2250

Multi-purpose door MZ Thermo46 / MZ Thermo65, security door KSI Thermo46

Vertical view

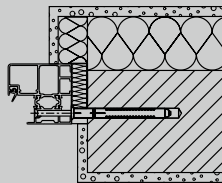


Horizontal view

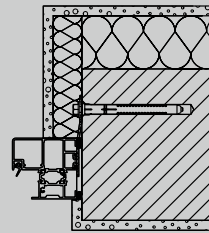


* With an opening angle of 90° and without handles and levers, the clear passage width is reduced by 2 mm.

Fitting versions



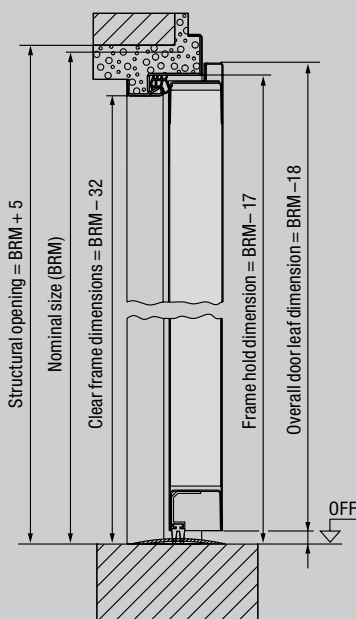
Block frame
Fitting to brickwork
Countersunk fitting



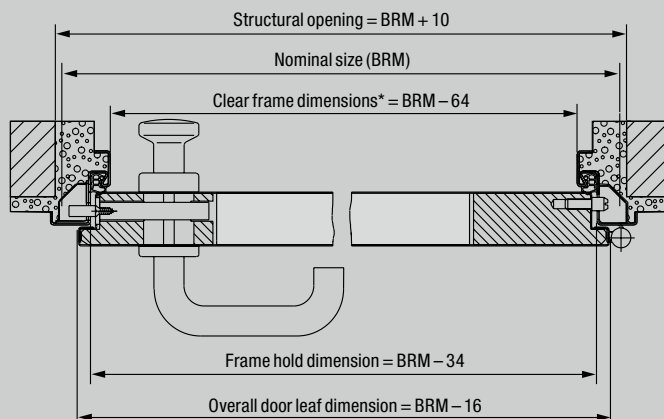
Block frame
Anchor fitting

Security Door KSI 40

Vertical view

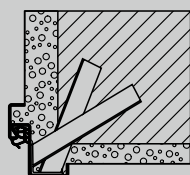


Horizontal view

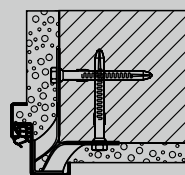


* With an opening angle of 90° and without handles and levers, the clear passage width is reduced by 2 mm.

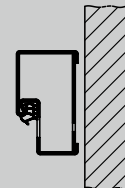
Fitting versions



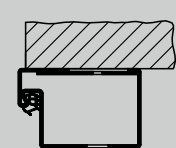
Fitting with grouting
lugs



Fitting with grouting
lugs / screw-fixing



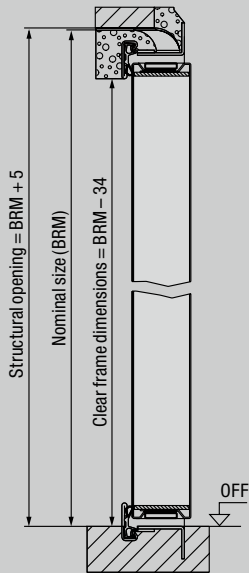
Block frame for fitting
in the opening (profile
21101)



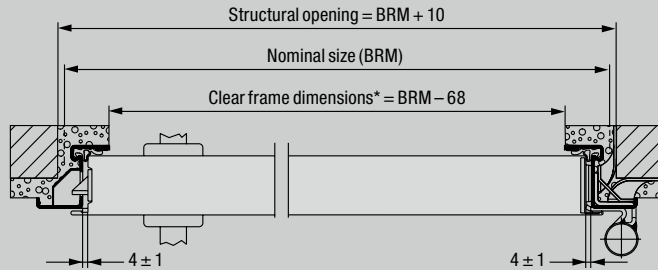
Block frame for fitting to
the wall (profile 006)
(tested on the opposite
hinge side)

Multi-purpose door MZ, fire-rated door H8-5

Vertical view

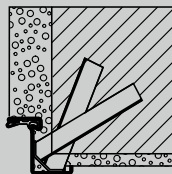


Horizontal view

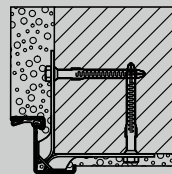


* With an opening angle of 90° and without handles and levers, the clear passage width is reduced by 25 mm.

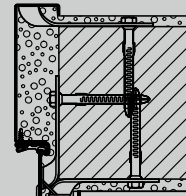
Fitting versions



Fitting with grouting lugs



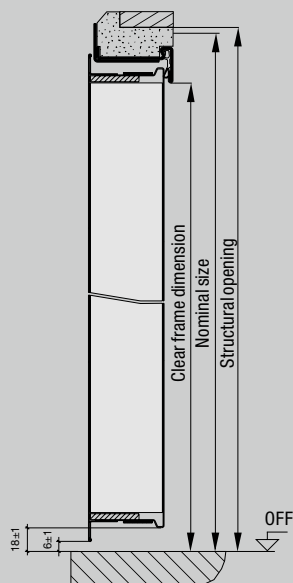
Fitting with grouting lugs / screw-fixing



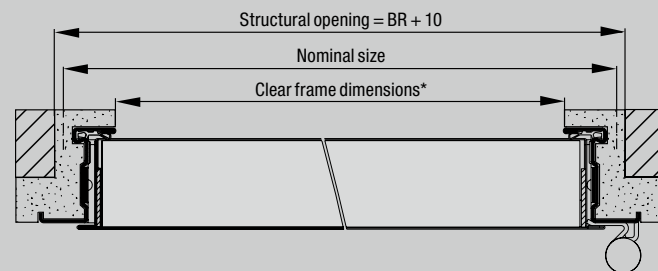
Corner and counter frame
Fitting with grouting lugs / screw-fixing

Fire-rated door Quadro

Vertical view

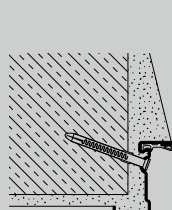


Horizontal view

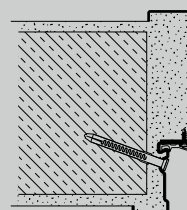


* With an opening angle of 90° and without handles and levers, the clear passage width is reduced by 25 mm.

Fitting versions



Corner frame
with concealed
plug-and-screw fitting

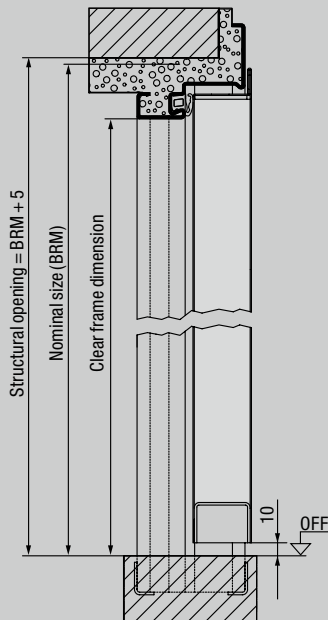


Corner and counter frame
with concealed
plug-and-screw fitting

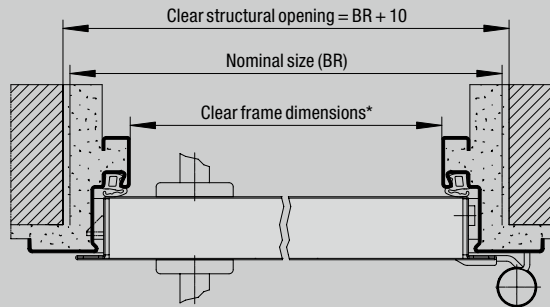
All dimensions in mm

Multi-function Door H3 OD

Vertical view

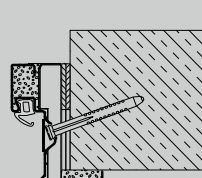


Horizontal views

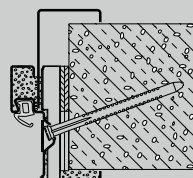


* With an opening angle of 90° and without handles and levers, the clear passage width is reduced by 113 mm (thin rebate) or 103 mm (thick rebate).

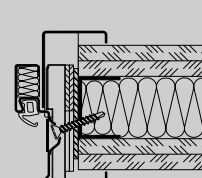
Fitting versions



Diagonal fixing
(Unplastered
brickwork / concrete)



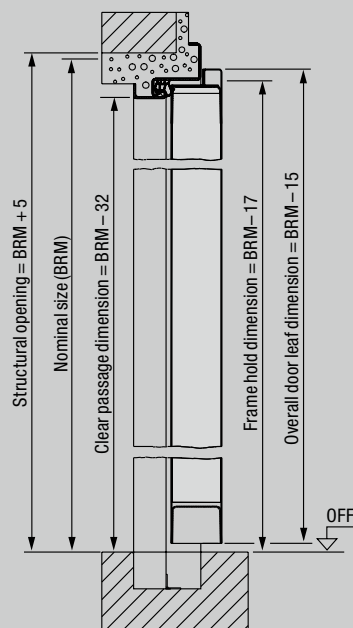
Diagonal fixing
with the Vario B53
counter frame as a
double-shell profile frame
(gas concrete)



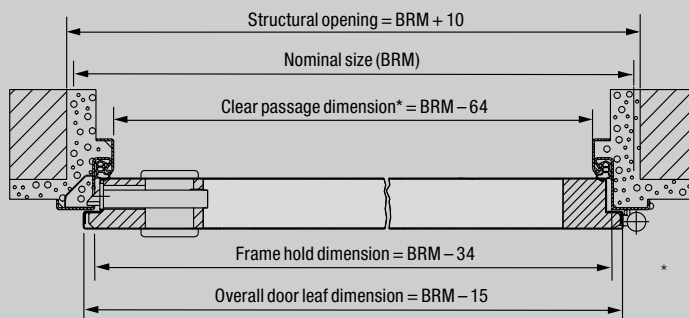
Diagonal fixing
(Gas concrete)

Fire-rated Security Door WAT 40

Vertical view

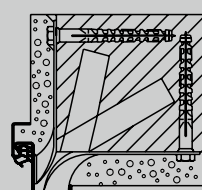


Horizontal view

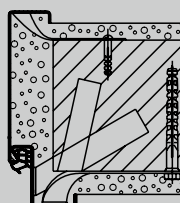


* With an opening angle of 90° and without handles and levers, the clear passage width is reduced by 2 mm.

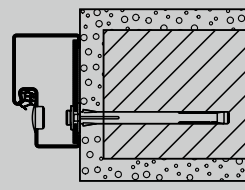
Fitting versions



Corner frame
Fitting to brickwork
Grouting lugs



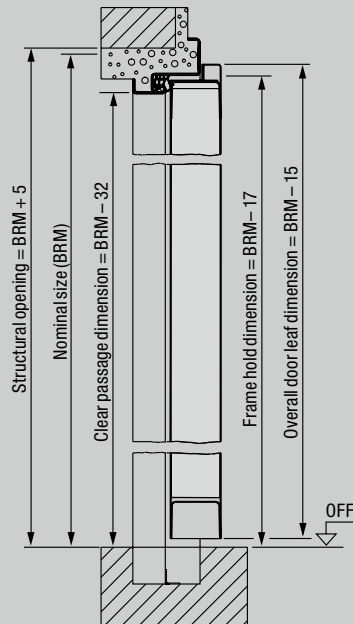
Profile frame
Fitting to brickwork
Grouting lugs



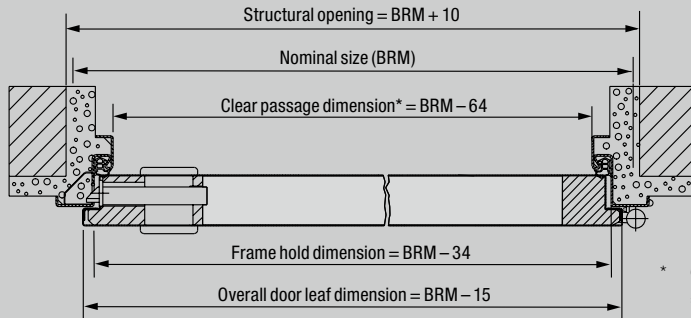
Block frame
Fitting to brickwork
Plug-and-screw fitting

Internal door ZK

Vertical view

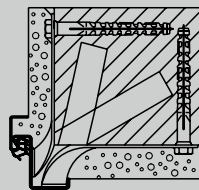


Horizontal view

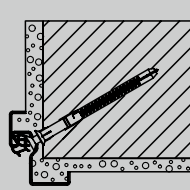


* Clear frame dimensions = BR width - 64 mm, BR height - 32 mm. With an opening angle of 90° and without handles and levers, the clear passage width is reduced by 2 mm.

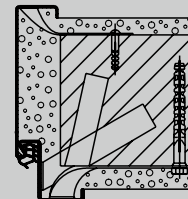
Fitting versions



Corner frame
Fitting to brickwork
Grouting lugs



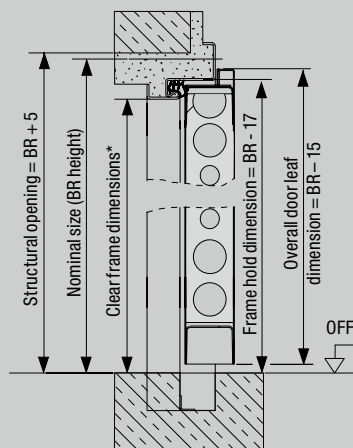
Special corner frame
Plug-and-screw fitting
through the groove
bottom



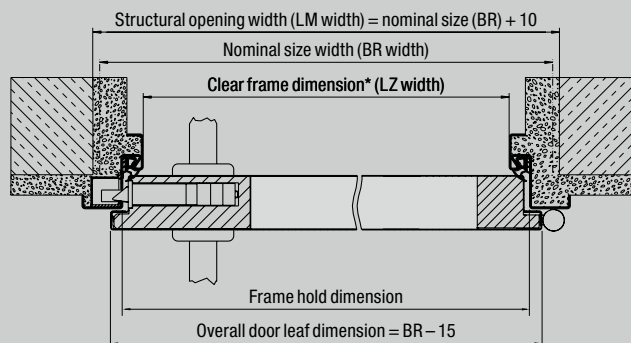
Profile frame
Fitting to brickwork
Grouting lugs

Internal door OIT 40

Vertical view

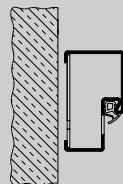


Horizontal view

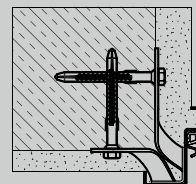


* Clear frame dimensions = BR width - 64 mm, BR height - 32 mm. With an opening angle of 90° and without handles and levers, the clear passage width is reduced by 2 mm.

Fitting versions



Block frame
with fixing brackets for fitting in
the opening (profile 21101)



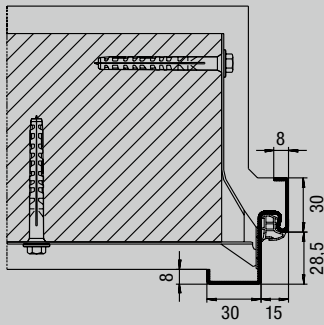
Fitting with grouting
lugs
(Plug-and-screw
fitting)

FRAME SIZE RANGE

Frames	Corner frame	Profile frame
Ordering size (nominal size)		
625 × 2000	●	●
750 × 2000	●	●
875 × 2000	●	●
1000 × 2000	●	●
625 × 2125	●	●
750 × 2125	●	●
875 × 2125	●	●
1000 × 2125	●	●

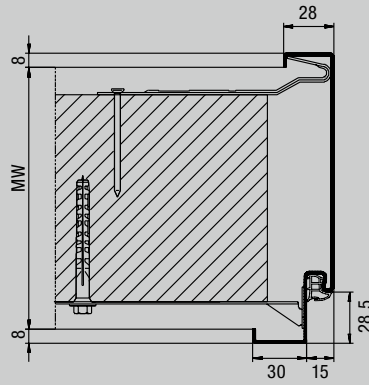
Profile frame	Brickwork	Partition wall	Gypsum plasterboard
Wall widths (MW)			
75		●	
80	●		●
100	●	●	●
125		●	
130	●		
145	●		
150		●	
160	●		
180	●		
205	●		
270	●		
290	●		
330	●		

Corner frame DIN 18111
for brickwork



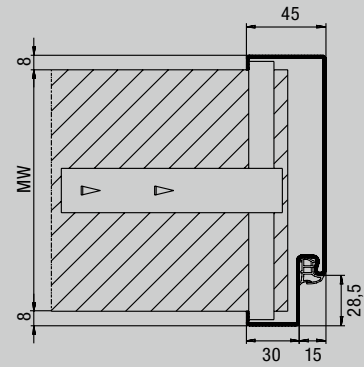
Profile 11100

Profile frame DIN 18111
for brickwork



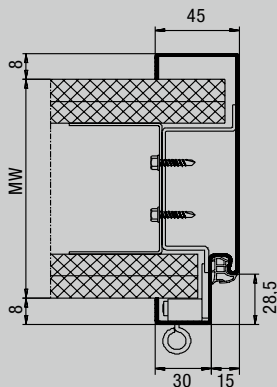
Profile 21100

Profile frame B 45
for gypsum plasterboard



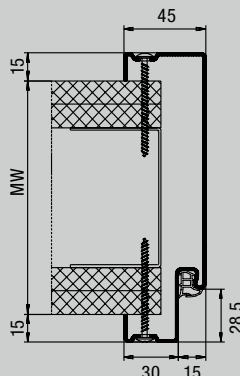
Profile 21101

Profile frame for partition walls



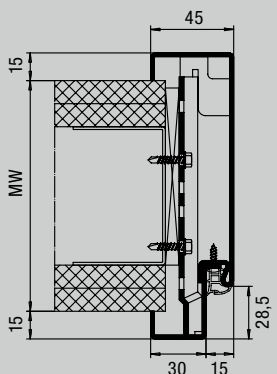
Profile 21120

Profile knock-down frame for partition walls
3-part for retrofitting



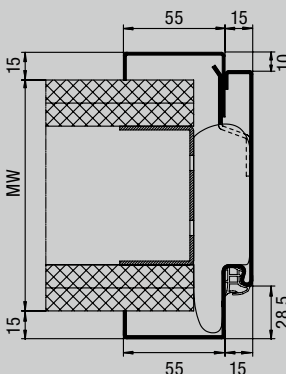
Profile 21120
Screw-fixing

Double-shell profile frame
for partition walls
For retrofitting



Profile 21180
Rebated

Steel profile frame VarioFix
for all wall types
For retrofitting



Profile 31103
Rebated

All dimensions in mm



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You can find more information in our Internal Doors catalogue.



Internal door BaseLine



Internal door DesignLine and all-glass doors



Internal door with panel design



Internal doors ConceptLine



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Garage doors and entrance gate operators



Entrance doors



Steel doors