# THERMO65 / THERMO46 ENTRANCE DOORS

**NEW.** Entrance Door and Garage Door with a smooth Plaingrain finish in a matt, fine structure finish

HÖRMANN

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# Responsibility for generations

The Hörmann family business has over 85 years of experience as a construction component specialist. This gives us an obligation to both current and future generations. That's why environmental responsibility plays such an important role for us. With this in mind, we develop innovative solutions for sustainable products and intelligent environmental protection.

**“A GOOD REPUTATION MUST BE EARNED.”**

August Hörmann

In keeping with the tradition started by the company’s founder, the Hörmann brand is a true promise of quality and, with sales of over 20 million doors, door frames and operators, is one of Europe’s most successful suppliers. Due to the comprehensive international sales and service network, Hörmann is your strong partner for high-quality construction components.

**WE THINK AND ACT GREEN.** As a family business, we are very conscious of our responsibility to future generations and offer all products for residential construction $CO_2$-neutral as standard. The Hörmann sustainability strategy aims to reduce and avoid emissions. We cover 100% of our electrical power needs at all European production sites with genuine green electricity from renewable sources. We also apply many other measures to reduce our consumption and save more than 75000 tonnes of $CO_2$ each year. We work with ClimatePartner to offset the remaining emissions by supporting certified climate protection projects.

You can find further information at
www.hoermann.com/sustainability

**ClimatePartner certified product**
climate-id.com/XNEBKC

$CO_2$
measure
reduce
contribute

# 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 one-of-a-kind products you can depend on.

5-year warranty

**LONG-LASTING. GUARANTEED.** All major door components are developed and manufactured by Hörmann. Endurance tests under real conditions ensure mature series products with Hörmann quality. Thanks to this and uncompromising quality assurance, you receive a 5-year warranty on all Hörmann entrance doors Thermo65 / Thermo46.

Only from Hörmann
Acoustic-rated doors with thermal break

Only from Hörmann
Fire-rated doors with thermal break

**CONVINCING IN EVERY VERSION.** Our entrance doors are superior to plastic or timber doors in many ways. When it comes to thermal insulation, all of our entrance doors meet the requirements of the new German Buildings Energy Act (GEG). Our acoustic-rated doors also reduce street noise to room level and our fire-rated doors are the ideal choice for the transition between the garage and your living space.

➔ Further information can be found starting on page 40.

# Door design for the highest demands

Greet your guests with a Hörmann entrance door! And of course, you and your family can also delight in the sophisticated design of our doors day after day. Our doors are a true eye-catcher on the outside, and inside they harmonise perfectly with your residential internal doors. Simply beautiful!

## DOOR LEAF WITHOUT VISIBLE LEAF PROFILE.

Thermo65 and Thermo46 doors make for an exquisite and elegant reception – whether you use them for your main or a side entrance. The shapely door leaf with its solid interior and exterior and leaf profile on the inside fulfils the highest design requirements. The smooth interior view without unattractive leaf profile harmonises perfectly with the solid door view of your residential internal doors.

Exterior and interior view of Hörmann entrance doors without visible leaf profile

Exterior and interior view of entrance doors from other manufacturers with visible leaf profile

PAGE 8. Steel / aluminium entrance door Thermo65 style 515, stainless steel handle HB 38-2, Matt deluxe Grey aluminium CH 9007, optional side elements

# We protect you from unwanted visitors

An apartment is broken into every five minutes, making it even more important to equip your entrance door with a high security standard. If a burglar is not successful within approx. 90 seconds, they generally give up their break-in attempt. For this reason, nearly half of all break-in attempts fail if the entrance door is break-in-resistant.

**BREAK-IN-RESISTANT LOCKING.** For you and your family, being able to rest easy in your own home is important. This is why our Thermo65 / Thermo46 doors are equipped with multiple-point locking as standard. And with the standard crank or soft lock latch, the doors also close very quietly.

**RC2 security**
Optional

**Tested and certified**

**FOR INCREASED SECURITY.** With the optional RC2 security features, our entrance doors make it especially difficult for burglars to break into your home. This protects your home from break-in attempts. Additionally, the certified security features are not visible on the door, unlike with many competitor solutions.

➔ Further information can be found starting on page 41.

# Entrance doors tailored to your specifications

Whether you want a new entrance door or a door for you side entrance: The Hörmann range is designed to meet your needs. We offer you doors tailored to your exact wishes. Whether with an elegant look, large glazings or intelligent operating comfort – anything is possible, exactly the way you want it.

## THE DOOR OF YOUR CHOICE IN JUST A FEW CLICKS.

With the door configurator, you can conveniently test many design and product variations on your own PC or tablet in advance.
You can put your dream entrance door together in just a few clicks by selecting the door version, style, colour and size and also see the recommended retail price of your configuration. If you then upload a picture of your house and place the door in your entrance, you can see in advance how well your new entrance door will match your home.

The Hörmann configurator can be found at:
www.hormann.co.uk/home-owners-and-renovators/configurator

# The perfect entrance to your home

**SINGLE-LEAF ENTRANCE DOORS THERMO65.** Choose from modern and classic styles, with and without glazing to find the entrance door that best suits your home. For perfect harmony with your white residential internal doors, the inside of the door is optionally available in Traffic white RAL 9016 for a wide range of styles, colours and surface finishes.

➔ For more information, see from page 28.

LEFT. Steel / aluminium entrance door Thermo65 style 640S, stainless steel handle HB 38-2, glazing with satin-finished glass, Anthracite grey RAL 7016, optional side element

TOP RIGHT. Steel / aluminium entrance door Thermo65 style 750C, stainless steel handle HB 38-2, sand-blasted glazing with clear stripes, CH 703 Anthracite Metallic, optional side elements

BOTTOM RIGHT. Steel / aluminium entrance door Thermo65 style 100, stainless steel handle HB 14-2, Terra brown RAL 8028, optional side elements, S-panelled sectional garage door, Woodgrain, Terra brown RAL 8028

TOP LEFT. Double-leaf steel / aluminium entrance door Thermo65 style 610S, stainless steel handle HB 38-3, glazing with satin-finished glass, Anthracite grey RAL 7016

BOTTOM LEFT. A wider clear passage width thanks to open traffic and fixed leaves for double-leaf doors

RIGHT. Double-leaf steel / aluminium entrance door Thermo65 style 700B (traffic leaf), style 010 (fixed leaf), stainless steel handle HB 38-3, sand-blasted glazing with clear stripes, Grey aluminium RAL 9007

# Ideal for wider passages

**DOUBLE-LEAF ENTRANCE DOORS THERMO65.** Enjoy greater clear passage width for pushchairs, wheelchairs, etc. The double-leaf entrance doors Thermo65 also impress with an elegant, flush-fitting transition between the traffic leaf and the fixed leaf. Traffic and fixed leaves in different widths (see above) offer a convenient passage even in narrow fitting situations.

➔ For more information, see from page 28.

# Custom entrances

**ENTRANCE DOORS THERMO65.** You can custom-equip each of the entrance door styles. With a special external handle, special glazing or a push bar with convenient LED lighting. We offer all the options you need to give your entrance door a personal touch. For more light in your home, you can add side elements and transom lights to any of the door styles shown. Special door versions are also possible, such as doors opening outwards. At Hörmann, you are sure to find the entrance door to suit your home.

➔ Further information can be found starting on page 44.

TOP LEFT. Handle HB 39-1 with integrated lighting

RIGHT. Steel / aluminium entrance door Thermo65 style 650S, Anthracite grey RAL 7016, handle HB 39-1 with integrated lighting, optional side element

BOTTOM LEFT. Steel / aluminium entrance door Thermo65 style 010, stainless steel handle HB 14-2, CH 907 Grey aluminium, optional side elements, opening outwards

BOTTOM CENTRE. Steel / aluminium entrance door Thermo65 style 750C black.edition, stainless steel handle HB 38-2 black.edition, Traffic white RAL 9016, optional side element

**BLACK.EDITION.** Our black.edition doors bring elegance to any home. These doors feature exterior handles, applications and interior levers in elegant Jet black, subtly yet effectively embracing the latest design trend. The profile cylinders and hinge caps, also available in black, round off the harmonious overall look.

➔ Further information can be found starting on page 44.

# Ideal for your side entrance

**SINGLE-LEAF ENTRANCE DOORS THERMO46.** Steel / aluminium entrance doors Thermo46 are the right choice for a side door for your home. Combined with a residential internal door as a vestibule, you can also use the Thermo46 in your entrance. We offer our entrance doors in many styles, from classic to modern, with or without glazing. As standard, the Thermo46 doors are delivered with the same interior and exterior, meaning that the colour and surface finish on the outside and inside match. Thermo46 doors offer you everything you expect from an excellent entrance door. Select a style to match your home!

➔ For further information, see from page 34.

LEFT. Steel / aluminium entrance door Thermo46 style 700B, stainless steel handle HB 38-2, Traffic white RAL 9016, optional side element

TOP RIGHT. Steel / aluminium entrance door Thermo46 style 515, stainless steel handle HB 14-2, CH 703 Anthracite Metallic, optional side elements

BOTTOM RIGHT. Steel / aluminium entrance door Thermo46 style 400I, stainless steel handle HB 14-2, glazing with Cathedral glass, Traffic white RAL 9016, optional side elements

# Modern colours and decors

**ENTRANCE DOORS THERMO65 AND THERMO46.** When it comes to choosing the colour scheme for your Hörmann entrance doors, we give you complete creative freedom with 10 Colour and 7 Matt deluxe colours, as well as 6 Decograin decors. The interior and exterior are generally delivered with a matching appearance. Optionally, you can order many Thermo65 entrance doors in Traffic white RAL 9016 on the inside to perfectly match your white residential internal doors.

➔ Further information can be found starting on page 36.

TOP. Steel / aluminium entrance door Thermo65 style 650, Plaingrain, CH 703 Anthracite Metallic, optional side element, L-ribbed sectional garage door, Plaingrain, CH 703 Anthracite Metallic

BOTTOM LEFT. Steel / aluminium entrance door Thermo65 style 010, stainless steel handle HB 38-2, Decograin Golden Oak, optional side elements

BOTTOM RIGHT. Steel / aluminium entrance door Thermo65, interior in Traffic white RAL 9016, matching white residential internal doors, optional side element, optional SmartKey

**Plaingrain**
Coordinated surfaces and colours for garage doors, entrance doors, side doors and steel doors

**GARAGE DOOR AND ENTRANCE DOOR WITH A MATCHING LOOK.** Create a beautiful colour scheme in your home – with the new Plaingrain finish, available in five matt, fine structure preferred colours or the 10 MatchColor preferred colours. Thanks to coordinated colours, you can enjoy a harmonious overall look created by a matching appearance of sectional garage doors, aluminium entrance doors, side entrance doors and steel doors.

➔ Further information can be found starting on page 36.

# Operating comfort for young and old

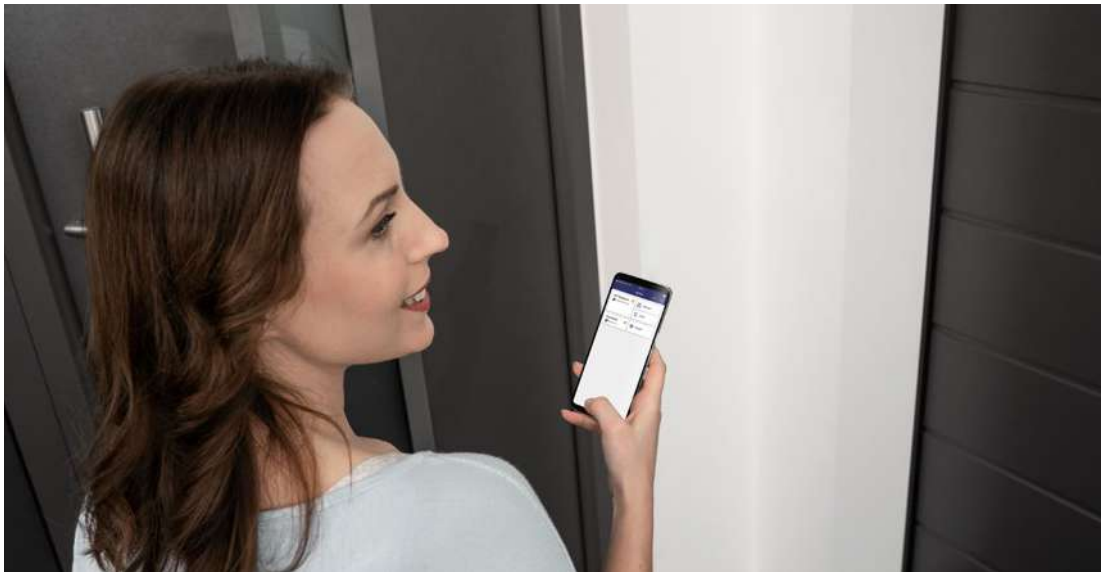
**RADIO DOOR LOCK OPERATOR SMARTKEY.** Easily open your door lock at the press of a button with your hand transmitter, radio internal push button or directly via the sensor field on the SmartKey. No need to set down your groceries in order to open your entrance door. Even with a walker, wheelchair or pram, it is much easier to enter your house because you can open the door from a distance. Locking takes place either by pressing a button or automatically after a specified period of time. This securely locks your door and provides protection against burglary.

➔ Further information can be found starting on page 48.

TOP RIGHT. Hörmann homee Smart Home control centre for all areas of your home

BOTTOM RIGHT. Convenient door opening with a smartphone

LEFT. Radio door lock operator SmartKey for simple door locking and unlocking



**AUTOMATIC LOCKS.** Open your entrance door easily and conveniently with our smart solutions. By code, fingerprint, hand transmitter or smartphone. With our lock packages, you are sure to find an intelligent solution that meets your needs. With the Hörmann homee Smart Home control centre, you can conveniently control your Hörmann garage and entrance gate, as well as climatic sensors or a camera all with an app. At any time of day or night, from anywhere around the world.

➔ Further information can be found starting on page 48.

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# Design Equipment Accessories


**28** Thermo65

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# Thermo65

Steel / aluminium entrance doors

### RC2 security
Optional (not available for style 020, 050, 410 and 430)

### High thermal insulation
$U_D$-value of up to 0.87 W/(m²·K)

### Acoustic insulation
Up to 42 dB (for style 010, 610, 640 and 650)

### Fire protection
$EI_2$30 fire-retarding (optional for style 010, 015, 515 and 610)

Style 630S

Solid door view on the outside (shown above) and inside (shown below) as well as door leaf with thick rebate on the inside

Style 640S

Style 640P

Style 610S

Style 610N

## THERMO65

All door styles on this double-page spread in Matt deluxe CH 703 Anthracite Metallic

**Style 630S** stainless steel handle HB 38-3, glazing with satin-finished glass
**Style 640S** stainless steel handle HB 38-2, glazing with satin-finished glass, side elements with glazing with satin-finished glass
**Style 640P** stainless steel handle HB 38-2 black.edition, glazing with black glass, side elements with black glass
**Style 610S** stainless steel handle HB 38-3, glazing with satin-finished glass, side elements with glazing with satin-finished glass
**Style 610N** double-leaf version, stainless steel handle HB 38-3, glazing with one-way plate glass (for more information, see page 45)

➔ You will find all colours and surface finishes from page 36.

# Thermo65

Steel / aluminium entrance doors

Style 650S

Style 700B

Style 730B

Style 750C

Style 780S

## THERMO65

All door styles on this page in RAL 7012 Basalt grey

**Style 650S** stainless steel handle HB 38-2 and stainless steel glazing frame, glazing with satin-finished glass
**Style 700B** stainless steel handle HB 38-2 and stainless steel glazing frame, sand-blasted glazing with 7 clear stripes
**Style 730B** stainless steel handle HB 38-2 and stainless steel glazing frame, sand-blasted glazing with 7 clear stripes
**Style 750C** stainless steel handle HB 38-2 and stainless steel glazing frame, sand-blasted glazing with 5 clear stripes
**Style 780S** stainless steel handle HB 38-2 and stainless steel glazing frame, glazing with satin-finished glass

➔ You will find all colours and surface finishes from page 36.

Style 800S

Style 810E

Style 820S

Style 830S

Style 840S

Style 850B

NEW. Style 860S

Style 900D

## THERMO65

All door styles on this page in Grey aluminium RAL 9007

**Style 800S** stainless steel handle HB 38-2 and stainless steel glazing frame, glazing with satin-finished glass
**Style 810E** Stainless steel handle HB 38-2 and stainless steel glazing frame, glazing sandblasted with clear stripes (square), also available as style 810N with one-way plate glass
**Style 820S** stainless steel handle HB 38-2 and stainless steel glazing frame, glazing with satin-finished glass
**Style 830S** stainless steel handle HB 38-2 and stainless steel glazing frame, glazing with satin-finished glass
**Style 840S** stainless steel handle HB 38-2 and stainless steel glazing frame, glazing with satin-finished glass
**Style 850B** stainless steel handle HB 38-2 and stainless steel glazing frame, sand-blasted glazing with 7 clear stripes
**NEW. Style 860S** stainless steel handle HB 38-2 and stainless steel glazing frame, glazing with satin-finished glass
**Style 900D** stainless steel handle HB 38-2 and stainless steel glazing frame, sand-blasted glazing with 4 clear stripes

➔ You will find all colours and surface finishes from page 36.

# Thermo65

Steel / aluminium entrance doors

**Style 010**

**Style 010**
With embellishment view 454

**Style 010**
With embellishment view 457

**Style 010**
With embellishment view 751

**Style 010**
With embellishment view 750

**NEW. Style 014**

**Style 015**

**Style 515**

**NEW. Style 615**

## THERMO65

All door styles on this page in Anthracite grey RAL 7016

**Style 010** Stainless steel handle HB 14-2
**Style 010** with stainless steel embellishment view 454 (optional), stainless steel handle HB 14-2
**Style 010** with stainless steel embellishment view 457 (optional), stainless steel handle HB 14-2
**Style 010** with stainless steel embellishment view 751 (optional), stainless steel handle HB 14-2
**Style 010** with stainless steel embellishment view 750 (optional), stainless steel handle HB 14-2
**NEW. Style 014** Stainless steel handle HB 14-2
**Style 015** stainless steel handle HB 14-2 (optional embellishments can be found on pages 34 – 35)
**Style 515** stainless steel handle HB 14-2 (optional embellishments can be found on pages 34 – 35)
**NEW. Style 615** stainless steel handle HB 14-2 (optional embellishments can be found on pages 34 – 35)

➔ You will find all colours and surface finishes from page 36.

**Style 010**
With embellishment view 451

**Style 010**
With embellishment view 459

**Style 020S**

**Style 050S**

**Style 100**

**Style 410S**

**Style 430E**

## THERMO65

All door styles on this page in Traffic white RAL 9016

**Style 010** with stainless steel embellishment view 451 (optional), stainless steel handle HB 14-2
**Style 010** with stainless steel embellishment view 459 (optional), stainless steel handle HB 14-2
**Style 020S** stainless steel handle HB 14-2, glazing with satin-finished glass
**Style 050S** stainless steel handle HB 14-2, glazing with satin-finished glass
**Style 100** stainless steel handle HB 14-2, side elements with glazing with satin-finished glass
**Style 410S** stainless steel handle HB 14-2, glazing with satin-finished glass
**Style 430E** stainless steel handle HB 14-2, sand-blasted glazing with clear stripes (frame)

➔ You will find all colours and surface finishes from page 36.

# Thermo46

Steel / aluminium entrance doors

**RC2 security**
Optional for styles 010, 015, 515, 100, 700, 750, 900

**Good thermal insulation**
$U_D$-value of up to 1.1 W/(m²·K)

**Style 010**

**Style 515**
With embellishment view 401

**Style 700B**

**Style 750C**

**Style 900D**

**NEW. Style 950S**

Door view on the outside (illustration left) and inside (illustration right) with thick rebate on the inside.

**Style 015**
With embellishment view 400

**Style 025S**
With embellishment view 402

**Style 020S**

**Style 030S**

**Style 050S**

**Style 100**

**Style 200I**

**Style 400I**

## THERMO46

All door styles on page 34 in Anthracite grey RAL 7016. All door styles on page 35 in Traffic white RAL 9016.

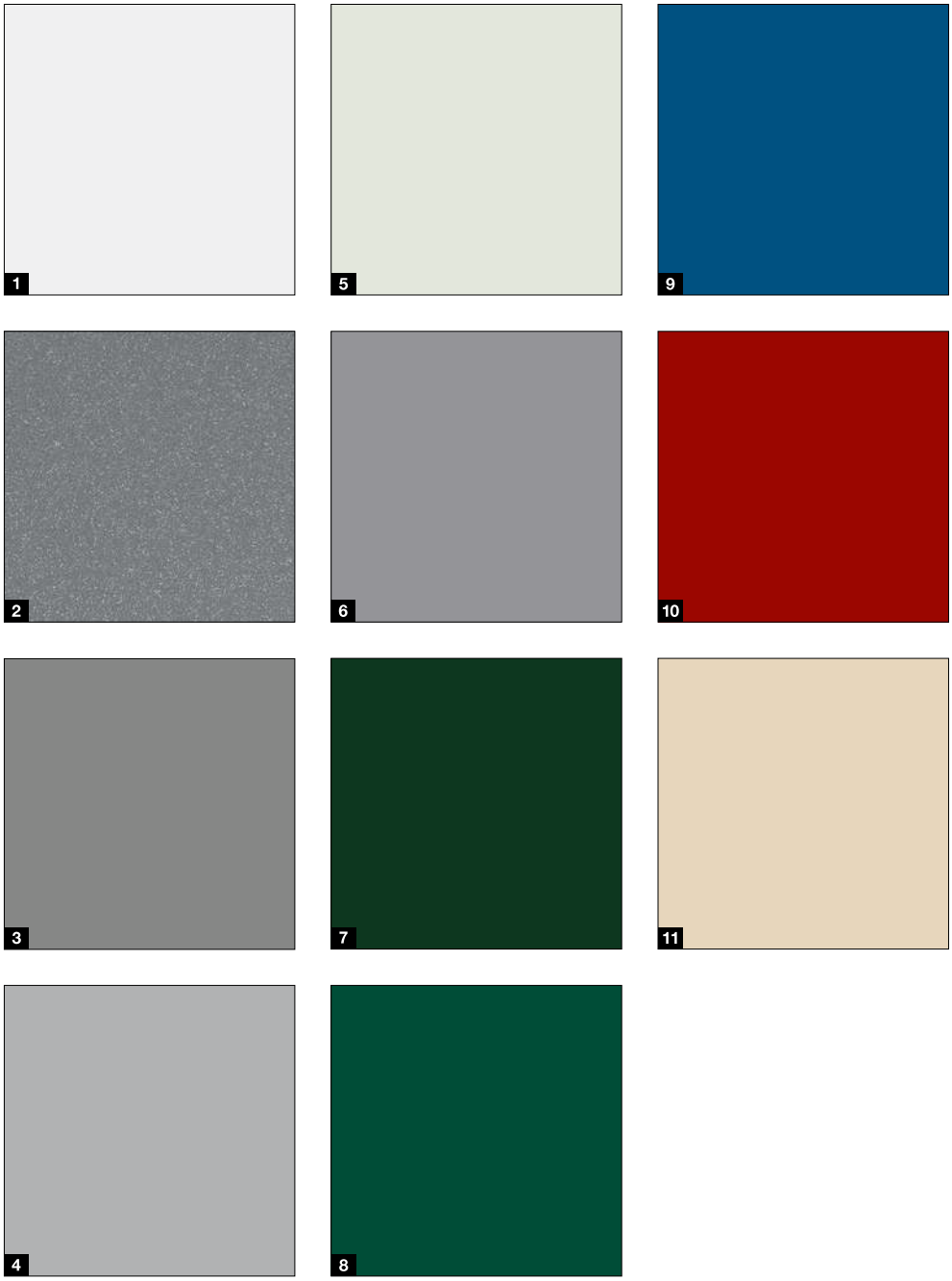
**Style 010** stainless steel handle HB 14-2 (optional applications can be found on pages 32 - 33)
**Style 515** with embellishment view 401 in stainless steel look (optional), stainless steel handle HB 14-2
**Style 700B** stainless steel handle HB 38-2 and stainless steel glazing frame, sand-blasted glazing with 7 clear stripes
**Style 750C** stainless steel handle HB 38-2 and stainless steel glazing frame, sand-blasted glazing with 5 clear stripes
**Style 900D** stainless steel handle HB 38-2 and stainless steel glazing frame, sand-blasted glazing with 4 clear stripes
**NEW. Style 950S** stainless steel handle HB 38-2 and stainless steel glazing frame, glazing with satin-finished glass
**Style 015** with embellishment view 400 in stainless steel look (optional), stainless steel handle HB 14-2
**Style 025S** with embellishment view 402 in stainless steel look (optional), stainless steel handle HB 14-2, glazing with satin-finished glass
**Style 020S** stainless steel handle HB 14-2, glazing with satin-finished glass
**Style 030S** stainless steel handle HB 14-2, glazing with satin-finished glass
**Style 050S** stainless steel handle HB 14-2, glazing with satin-finished glass
**Style 100** stainless steel handle HB 14-2
**Style 200I** stainless steel handle HB 14-2, glazing with Cathedral glass
**Style 400I** stainless steel handle HB 14-2, glazing with Cathedral glass

➔ You will find all colours and surface finishes from page 36.

# Colours

Standard and Colour, MatchColor and Plaingrain

## Standard and Color




**Standard**

| | | |
|---|---|---|
| 1 | RAL 9016 | Traffic white |

**Colour**

| | | |
|---|---|---|
| 2 | CH 907 | Grey aluminium |
| 3 | RAL 9007 | Grey aluminium |
| 4 | RAL 9006 | White aluminium |
| 5 | RAL 9002 | Grey white |
| 6 | RAL 7037 | Dusty grey |
| 7 | RAL 6009 | Fir green |
| 8 | RAL 6005 | Moss green |
| 9 | RAL 5010 | Gentian blue |
| 10 | RAL 3003 | Ruby red |
| 11 | RAL 1015 | Light ivory |

**Please note:**
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. **Please consult with your local Hörmann sales partner.**

## MatchColor

## NEW. Plaingrain

### MatchColor

Coordinated colours for garage doors, entrance doors, side doors and steel doors

**MatchColor**

| | | |
|---|---|---|
| 1 | CH 703 | Anthracite Metallic |
| 2 | RAL 9005 | Jet black |
| 3 | RAL 8028 | Terra brown |
| 4 | RAL 7040 | Window grey |
| 5 | RAL 7039 | Quartz grey |
| 6 | RAL 7035 | Light grey |
| 7 | RAL 7030 | Stone grey |
| 8 | RAL 7016 | Anthracite grey |
| 9 | RAL 7015 | Slate grey |
| 10 | RAL 7012 | Basalt grey |

### Plaingrain

Coordinated surfaces and colours for garage doors, entrance doors, side doors and steel doors

**NEW. Plaingrain matt fine structure surface**

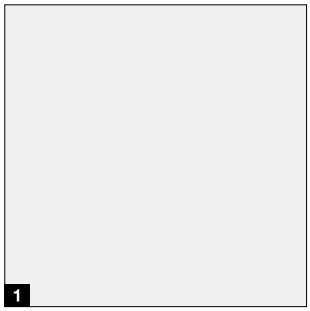
| | | |
|---|---|---|
| 11 | RAL 9016 | Traffic white<br>Matt fine structure |
| 12 | RAL 9007 | Grey aluminium<br>Matt fine structure |
| 13 | RAL 9006 | White aluminium<br>Matt fine structure |
| 14 | RAL 7016 | Anthracite grey matt<br>fine structure |
| 15 | CH 703 | Anthracite metallic<br>matt fine structure |

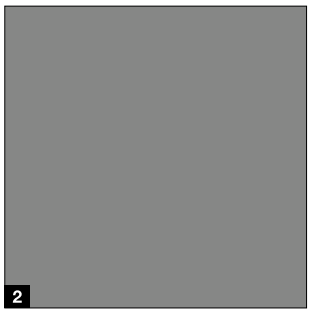
**Please note:**
All colours based on RAL. The colours and surface finishes shown are subject to the limitations of the printing process and cannot be regarded as binding. **Please consult with your local Hörmann sales partner.**

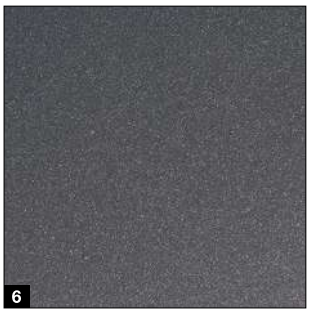
# Other colours and decors

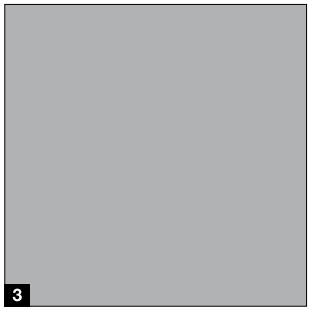
Matt deluxe colours and Decograin decors

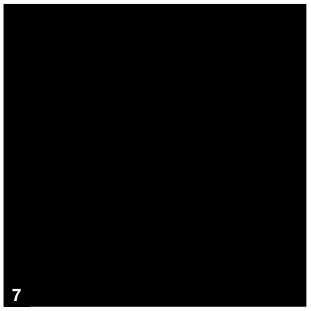
## Matt deluxe





**Matt deluxe**

| | | |
|---|---|---|
| 1 | CH 9016 | Matt deluxe Traffic white |
| 2 | CH 9007 | Matt deluxe Grey aluminium |
| 3 | CH 9006 | Matt deluxe White aluminium |
| 4 | CH 8028 | Matt deluxe Terra brown |
| 5 | CH 7016 | Matt deluxe Anthracite grey |
| 6 | CH 703 | Matt deluxe Anthracite metallic |
| 7 | CH 905 | Matt deluxe black |

**Please note:**
The colours and surfaces shown are not binding for technical printing reasons. 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. **Please consult with your local Hörmann sales partner.**

## Decograin decors[1]

1 Golden Oak: medium brown, golden yellow oak decor

2 Dark Oak: walnut-coloured oak decor

3 Night Oak: dark, intense oak design

4 Winchester Oak: natural-coloured knotty oak decor

5 **NEW.** Malt Oak

6 **NEW.** Toffee Oak

[1] Not available for Thermo65 / 46 styles 100, 200, 400, 410, 430, 610, 630, 640 and 650.
[2] Not available for Thermo65 styles 020, 050, 100, 410, 430, 610, 630, 640 and 650.
[3] With angular A4 door frame
[4] With rounded A3 door frame

## Customisation

Give your entrance door an individual look and combine the door leaf and frame in different colours for Thermo65 and Thermo46 entrance doors.

Door frame in RAL 9006 White aluminium, door leaf in CH 703 Anthracite Metallic

Door frame in CH 703 Anthracite Metallic, door leaf in RAL 9016 Traffic white

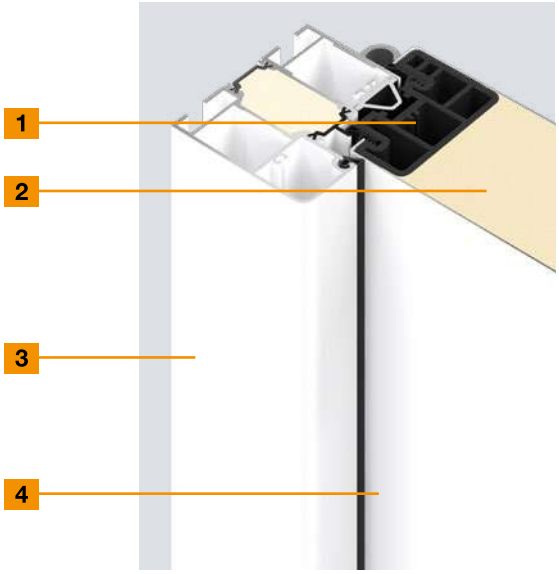
The Thermo65 entrance doors[2] are available in the colours Anthracite grey RAL 7016[3], CH 703 Anthracite Metallic[3] and CH 907Grey aluminium[3], as well as in the Decograin[4] finishes Golden Oak and Dark Oak, and are also available with the interior side finished in RAL 9016 Traffic white. Thus perfectly matching your white residential internal doors!

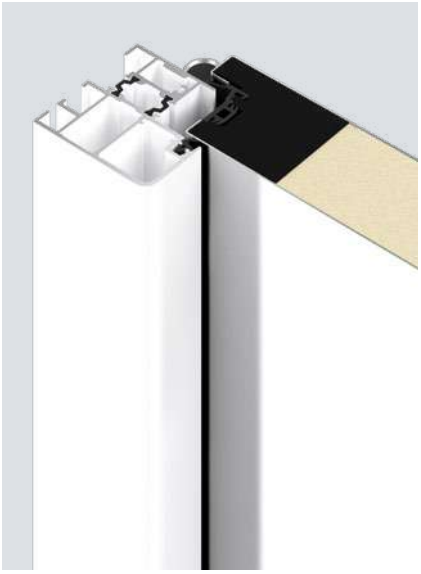
Viewed from outside with Decograin surface finish

Interior view in RAL9016 Traffic white[2]

# Door versions

The right profile for any requirement



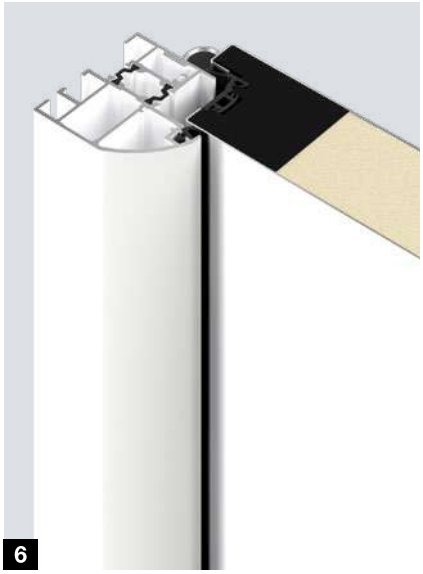



| | | Thermo65 | Thermo46 |
|---|---|---|---|
| 1 | **Door profile** | Interior | Interior |
| | **Material** | Compound material | Compound material |
| 2 | **Door leaf thickness** | **65 mm** | **46 mm** |
| | **Internal and external sheet** | Steel, with thermal break | Steel, with thermal break |
| 3 | **Door frame** | Square door frame A4, 80 mm | Square door frame A2, 60 mm |
| | **Material** | Aluminium, with thermal break and foamed | Aluminium, with thermal break |
| 4 | **Sealing system** | **triple** | **Double** |
| | **Threshold** | Plastic (standard, S12), aluminium-plastic (optional, S11) | Aluminium / plastic |
| | **Performance characteristics** | | |
| | **Operating forces EN 12217** | Up to class 3 | Up to class 2 |
| | **Long-term functionality / mechanical load EN 12400** | Up to class 6 | Up to class 6 |
| | **Differential climate behaviour EN 12219** | Up to 2d / 2e | Up to 3c / 2d / 2e |
| | **Air permeability EN 12207** | Up to class 4 | Up to class 2 |
| | **Water tightness under heavy rain EN 12208** | Up to class 3A | Up to class 1A |
| | **Resistance to wind load EN 12210** | Up to class C3 / B3 | Up to class C3 / B3 |
| | **Impact resistance EN 13049** | Up to class 1 | Up to class 1 |
| | **Mechanical strength EN 1192** | Up to class 3 | Up to class 1 |
| | **Thermal insulation** | **Up to 0.87 W/(m²·K)** | **Up to 1.1 W/(m²·K)** |
| | **Acoustic insulation** | Up to 42 dB | Up to 32 dB |
| | **Burglar protection EN 1627 (optional)** | RC2 security features (optional) | RC2 security features (optional) |

**Door frame variants**
The Thermo65 entrance doors and Thermo46 entrance doors are optionally available with a rounded door frame for a small surcharge.

5 Thermo65 door frame A3
6 Thermo46 door frame A1

5


6

**RC2 security**
Tested and certified

## Security doors

The opportunist burglar attempts to break open the locked door with simple tools within 3 minutes.

**Acoustic-rated**
Up to 42 dB

## Acoustic-rated doors

You can use Thermo65 styles 010, 610, 640 and 650 as acoustic-rated doors. With the standard threshold, the doors, even with optional side element, achieve acoustic rating category 3 (42 dB) and with the optional retractable bottom seal, acoustic rating category 2 (37 dB). They provide protection against street noise as well as wind and weather: the ideal solution – not only for entrance doors in blocks of flats with walkways.

**Only from Hörmann**
Acoustic-rated doors with thermal break

**Fire-retarding**
$EI_2$30

## Fire-rated doors

The fire-rated doors Thermo65 styles FSTHP 010, 015, 515 and 610 can withstand a fire for at least 30 minutes, making them the ideal solution for the transition from the garage to your living area (e.g. entrance hallway). They also offer good thermal insulation for this sensitive area.

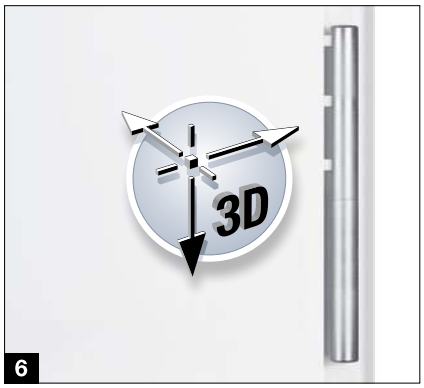
**Only from Hörmann**
Fire-rated doors with thermal break

# Door equipment

For an elegant, functional door design

| | | Thermo65 | Thermo46 |
|---|---|---|---|
| 1 | Solid door view from the inside | ● | ● |
| 2 | 5-point security lock with soft lock latch | | ● |
| 3 | 5-point security lock with crank latch | ● | |
| | Automatic lock with mechanical self-locking | ○ | ○ |
| 4 | Continuous security strip made of aluminium | ● | |
| 5 | 3 security bolts | | ● |
| 6 | 3-way adjustable guide rollers | ● | ● |
| 7 | Stainless steel interior lever | ● | ● |
| 8 | Security push-on rose escutcheon | ● | ○ |
| 9 | Profile cylinder with emergency and hazard function and 5 keys as standard | ● | ● |
| 10<br>11 | Door drip | ○ | ○ |
| | Retractable bottom seal | ○ | ○ |
| 12 | Mechanical hold-open device | ○ | ○ |

● = As standard ○ = Optional



**Retractable bottom seal**
(not shown)
This optional equipment is the best solution for sealing entrance doors without threshold used for barrier-free entrances.

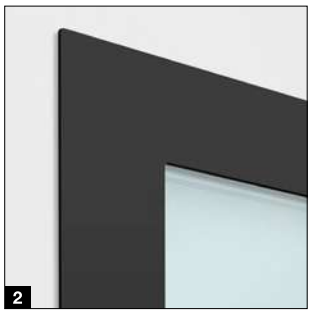
**Door drip**
Attractive protection: The door drip in White aluminium RAL 9006 10 or in stainless steel 11 diverts driving rain and can also be easily retrofitted.

**12 Mechanical hold-open device**
The open door leaf can be easily fixed in place with the optional mechanical hold-open device. This way, you don't have to worry about your entrance door closing by itself.

# Frames and glazings

For more light in your home

## Glazing frame for doors



1 **Stainless steel glazing frame**
with a virtually flush-fitting finish on both the inside and outside, featuring triple-glazed insulation: Thermo65 models 650 / 700 / 730 / 750 / 780 / 800 / 810 / 820 / 830 / 840 / 850 / 860 / 900 and Thermo46 models 700 / 750 / 900 / 950

2 **Stainless steel glazing frame black.edition**
with an elegant finish in Jet black RAL 9005 with triple glazing: Thermo65 designs 650 / 700 / 730 / 750 / 780 / 810

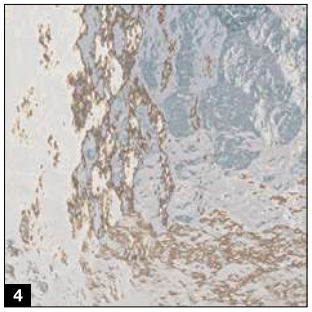
3 **Plastic glazing frame “Roundstyle”**
For a modern, harmonious overall appearance. In a colour complementing the surface finish with Decograin surfaces. With triple-pane insulated glazing: Thermo65 style 020. With double-pane insulated glazing: Thermo46 style 020 / 025 / 030 / 040

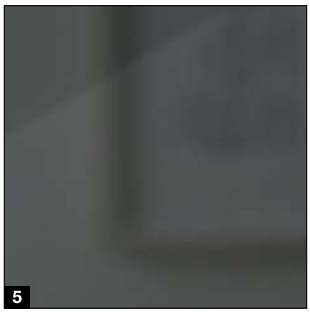
4 **Plastic glazing frame “profile style”**
Perfectly matched to the panel door designs, with triple-glazed units: Thermo65 designs 410 / 430 / 050. With double-pane insulated Cathedral glazing: Thermo46 style 200 / 400 / 050

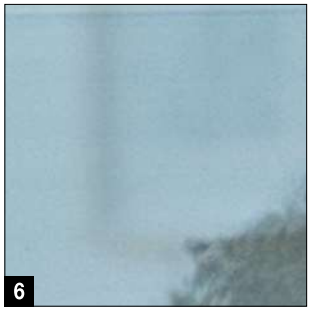
5 **Frameless**
Sophisticated appearance without glazing frame, with triple-pane insulated glazing: Thermo65 style 610 / 630 / 640

**Please note**: For plastic frames combined with Decograin finishes, the frames are colour-coordinated with the respective decor. The frames themselves do not have a Decograin finish.

## Glazings for doors, side elements and transom lights




1 Satin-finished glass

2 Sand-blasted glass / sand-blasted glass with clear stripes

3 Clear glass

4 Cathedral glass with small hammered finish (only Thermo46)

5 Black glass (only Thermo65)

6 One-way plate glass
With reflection on the light side and a clear view from the dark side to the light side (Thermo65 only)

### Safe glazing

When it comes to industrial safety and burglar protection, Hörmann entrance doors meet the very highest standards. The combination of single-pane safety glass on the inside and laminated safety glass on the outside ensures maximum safety. In the event of the glass breaking, it shatters on the inside into small, blunt shards, virtually eliminating the risk of injury from broken glass in the home. In addition, laminated safety glass offers greater burglar protection on the outside, as it makes it more difficult to reach through.

# Exterior handles and lever handle sets

A beautiful handle accents the door

### Exterior handles

**HB 14-2**
Brushed stainless steel, handle length: 330 mm
**HB 15-1** with integrated LED lighting, handle length: 400 mm

**HB 38-2**
Brushed stainless steel, Handle length: 1000 mm
**HB 39-1** (optionally with integrated LED lighting), handle length: 1000 mm

**HB 38-2**
black.edition, stainless steel Jet black RAL 9005 (for Thermo65), handle length: 1000 mm

**HB 38-3**
Brushed stainless steel, handle length: 1000 mm

**HOE 600**
Brushed stainless steel (for Thermo65 style 010, 610, 640, 650, 700, 750 and 800), handle length: 950 mm

**HB 738**
Brushed stainless steel (for Thermo65 style 010, 610 640, 650, 700, 750, 800), handle length: 1703 mm

**HB 738**
black.edition stainless steel RAL 9005 Jet black (for Thermo65 style 010, 610, 640, 700, 750, 800), handle length: 1703 mm

**HB 739**
Brushed stainless steel (for Thermo65 style 010, 610, 640, 650, 700, 750, 800), handle length: 1703 mm

**NEW. HB 739**
black.edition stainless steel RAL 9005 Jet black (for Thermo65 style 010, 610, 640, 650, 700, 750, 800), handle length: 1703 mm

## Push bar with LED lighting

The HB 15-1 and HB 39-1 push bars are fitted with LED lighting to make it easy to open your entrance door, even in the dark. The LED lighting is automatically activated by an integrated, battery-operated movement detector. This ensures that the profile cylinder is optimally illuminated – allowing you to open the door safely and conveniently, day or night.

## Lever handle sets for outside and inside

**Stainless steel lever handle set**
**Type D-110**

**Stainless steel lever handle set**
**Type D-110**
black.edition in Jet black RAL 9005
(for Thermo65)

**Stainless steel lever / knob handle set**
**Type D-110**
With knob type K-160, lever handle D-110

**Stainless steel lever / knob handle set**
**Type D-110**
black.edition in Jet black RAL 9005
with knob type K-160, lever handle D-110

**Stainless steel lever handle set**
**Type D-210**

**Stainless steel lever handle set**
**Type D-310**

**Stainless steel lever handle set**
**Type D-510**

**Lever / knob handle set ES 0 / ES 1**
with knob (shown: ES 1 in stainless steel)

**Lever handle set ES 0 / ES 1**
(shown: ES 0 in stainless steel)

# Automatic locks and electric extras

Smart security

**Automatic lock with mechanical self-locking**
When the door falls shut, the bolts automatically extend and securely lock the entrance door.

**Automatic lock with electric motor** (for Thermo65)
Choose from three different opening options with radio, Bluetooth or intercom. You can additionally combine this lock with an optional integrated finger-scan. The lock locks the door automatically when the door is closed.

**Opening via BiSecur radio:** Open your entrance door easily and conveniently via a hand transmitter HSE°4°BS, radio code switch FCT°3-1°BS or radio finger-scan FFL°25°BS. There's no longer any danger of forgetting your keys. The lock locks the door automatically when the door is closed.
**Opening via Bluetooth:** You can open your door even more conveniently via Bluetooth using your smartphone with the user-friendly Hörmann BlueSecur app.
**Opening via intercom:** The automatic lock is simply connected to the intercom system via a volt-free contact.

**Electric strike** (for Thermo65 and Thermo46, not shown)
With the electric strike catch, you can conveniently open your door via a switch inside the house. When the day catch is set, light pressure from the outside is enough to open the door.

**Reed contact / latch switching contact**
(for Thermo65 and Thermo46, not shown)
For connection to the building services or alarm system and evaluation that the door is closed (reed contact) or locked (latch switching contact).

**Radio door lock operator SmartKey**
(for Thermo65 / Thermo46)
Easily open your door lock at the press of a button with your hand transmitter, radio internal push button or directly via the sensor field on the SmartKey.
The automatic comfort lock ensures reliable and secure door locking. With the optional hand transmitter HS 5 BS or radio internal push button FIT 5, you can conveniently query whether the door is locked or unlocked – you no longer have to go to the door in the evening to check.

BiSecur

Only from Hörmann

The automatic lock with electric motor and BiSecur radio system allows you to conveniently open your entrance door with a hand transmitter, radio code switch or radio finger-scan.

Another advantage is that you can use the same hand transmitter to operate your Hörmann garage door or entrance gate. The extremely secure radio system ensures that no unauthorised person can copy your radio signal. All operators, receivers and control elements with the BiSecur radio system are 100% compatible with each other.

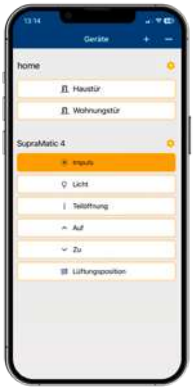
Further information on door operators and Smart Home systems can be found in the brochure.

**Hand transmitter HSE 4 BS**
4 button functions, incl. eyelet for key ring, textured surface black matt with plastic caps

**Radio code switch FCT 3 BS**
For 3 functions, with illuminated buttons, recessed or surface-mounted fitting possible, plastic housing in Light grey RAL 7040

**Radio finger-scan FFL 25 BS**
For 2 functions and up to 25 fingerprints, with hinged cover, recessed and surface-mounted fitting possible, plastic housing painted in RAL 9006 White aluminium

**Finger-scan elegantly integrated in the door leaf**
Fitting on the door leaf, for up to 20 users, VDS-approved, dimensions 24 × 52 mm, optional for all automatic locks with electric motor




**Bluetooth receiver**
For operation by smartphone using the Hörmann BlueSecur app

**Radio door lock operator SmartKey**
Available in white or silver, incl. hand transmitter HSE 4 SK BS with labelled buttons

## Hörmann BlueSecur

**Only from Hörmann**
European patent

Conveniently open your door via Bluetooth using your smartphone. Lock and unlock your entrance door using the user-friendly Hörmann BlueSecur app. In addition, other user permissions can be permanently or temporarily transferred to other smartphones, so that every family member always has their “entrance door opener” with them.

# Dimensions and technical manual

Thermo65 / Thermo46

### Thermo65* standard sizes

| Overall frame dimension (ordering size) | Structural opening | Clear |
|---|---|---|
| 1000 × 2100 | 1020 × 2110 | 850 × 2005 |
| 1100 × 2100 | 1120 × 2110 | 950 × 2005 |
| 1150 × 2200 | 1170 × 2210 | 1000 × 2105 |

### Thermo46 standard sizes

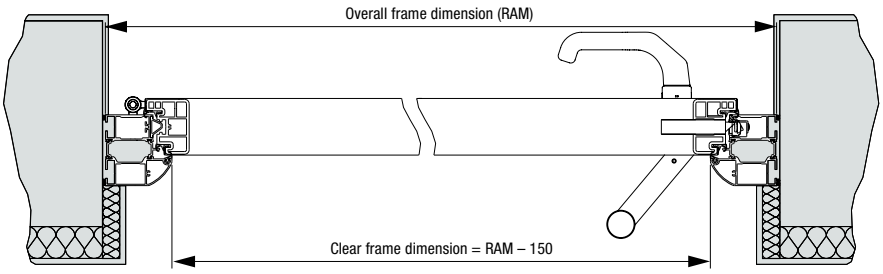
| Overall frame dimension (ordering size) | Structural opening | Clear |
|---|---|---|
| 1000 × 2100 | 1020 × 2110 | 872 × 2016 |
| 1100 × 2100 | 1120 × 2110 | 972 × 2016 |
| 1150 × 2200 | 1170 × 2210 | 1022 × 2116 |

### Special sizes Thermo65 / Thermo46*

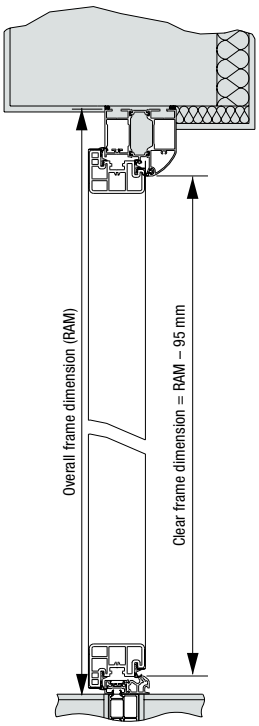
| Styles | Overall frame dimension (ordering size) |
|---|---|
| 200 | 875 – 1100 × 1990 – 2186 |
| 010, 020, 030, 040, 600, 700, 730, 750, 800, 810 | 700 – 1250 × 1875 – 2250 |
| 014, 015, 025, 050, 515, 615, 780, 860, 950 | 875 – 1250 × 1875 – 2250 |
| 100, 400, 410, 430 | 875 – 1100 × 1875 – 2186 |
| 820, 830, 840, 850, 900 | 800 – 1250 × 1875 – 2250 |
| 610, 630, 640, 650 | 875 – 1250 × 2000 – 2250 |

* For double-leaf entrance doors, the traffic leaf is ordered as a standard / special size, the fixed leaf is always a special size.

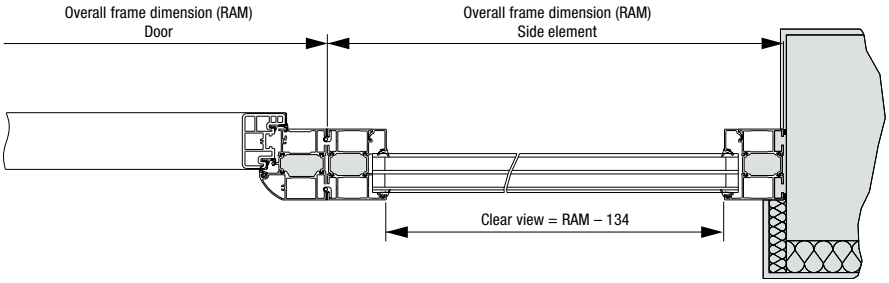
### Horizontal view of door, Thermo65



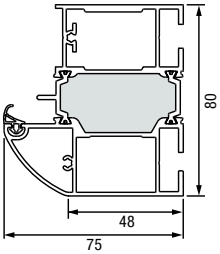

### Vertical view of door, Thermo65



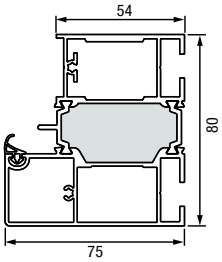

### Horizontal view of side element, Thermo65



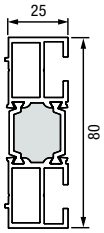

### Frame variants, Thermo65



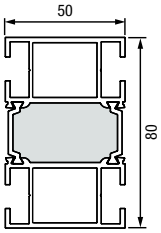

Door frame A3



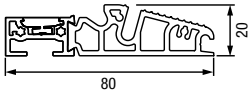

Door frame A4



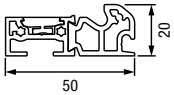

Extension profile 25 mm




Extension profile 50 mm




Threshold S12 as standard




Optional threshold S11



All dimensions in mm

## Side element standard sizes

| Blackline | Overall frame dimension (ordering size) |
|---|---|
| Thermo65 / Thermo46 | 400 × 2100<br>400 × 2200 |

## Side element special sizes

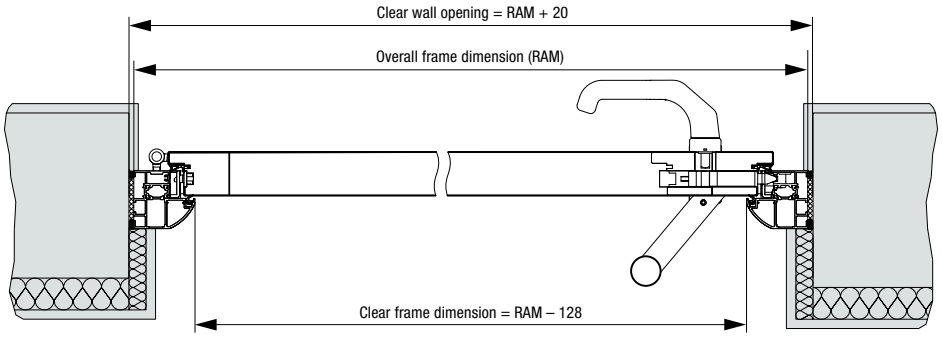
| Versions | Overall frame dimension (ordering size) |
|---|---|
| Thermo46<br>Thermo65 | 300 – 1000* × 700 – 2250<br>300 – 1000* × 700 – 2250 |

* Transom light not possible from a width of 500 mm.
Door sets with side elements do not contribute to the static equilibrium, which must be guaranteed by the building structure.

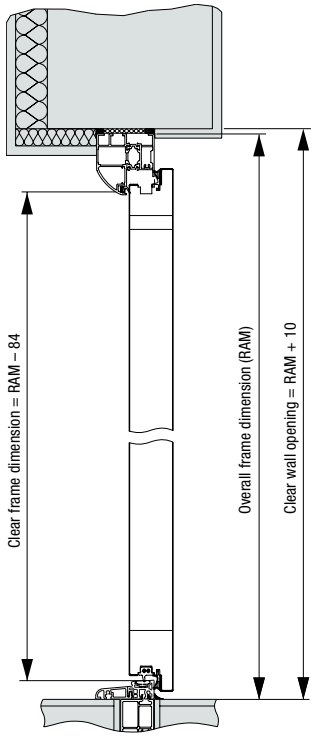
## Transom light special sizes

| Blackline | Overall frame dimension (ordering size) |
|---|---|
| Thermo65 / Thermo46 | 700 – 2250 × 300 – 500 |

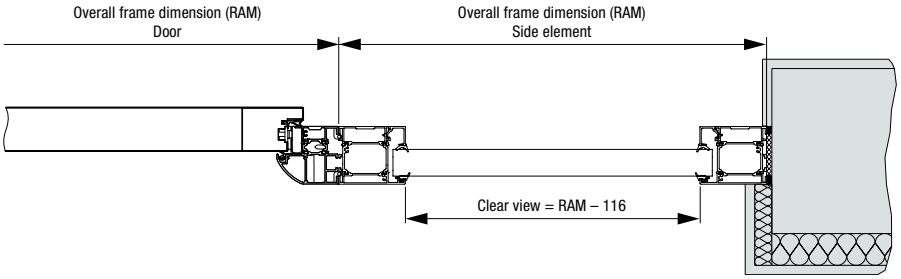
## Horizontal view of door, Thermo46



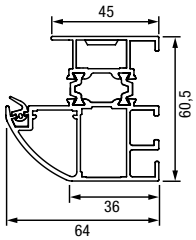

## Vertical view of door, Thermo46



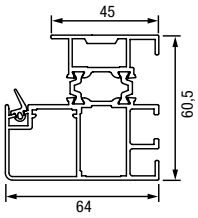

## Horizontal view of side element, Thermo46



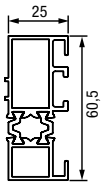

## Frame variants, Thermo46



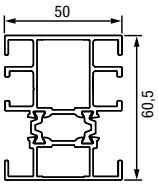

Door frame A1




Door frame A2




Extension profile 25 mm




Extension profile 50 mm

Threshold as standard

All dimensions in mm

# Hörmann.
# For Life.

Whether you are building your home or modernising it, you desire a place full of joy, security and relaxation. Thanks to their sustainable and particularly durable quality, Hörmann products will become a reliable part of your home – made to last for generations.

GARAGE DOORS. GATE AND DOOR OPERATORS. SMART HOME SYSTEMS. ENTRANCE DOORS. RESIDENTIAL INTERNAL DOORS. LOFT DOORS. STEEL DOORS. DOOR FRAMES. STORAGE SPACE SYSTEMS.

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