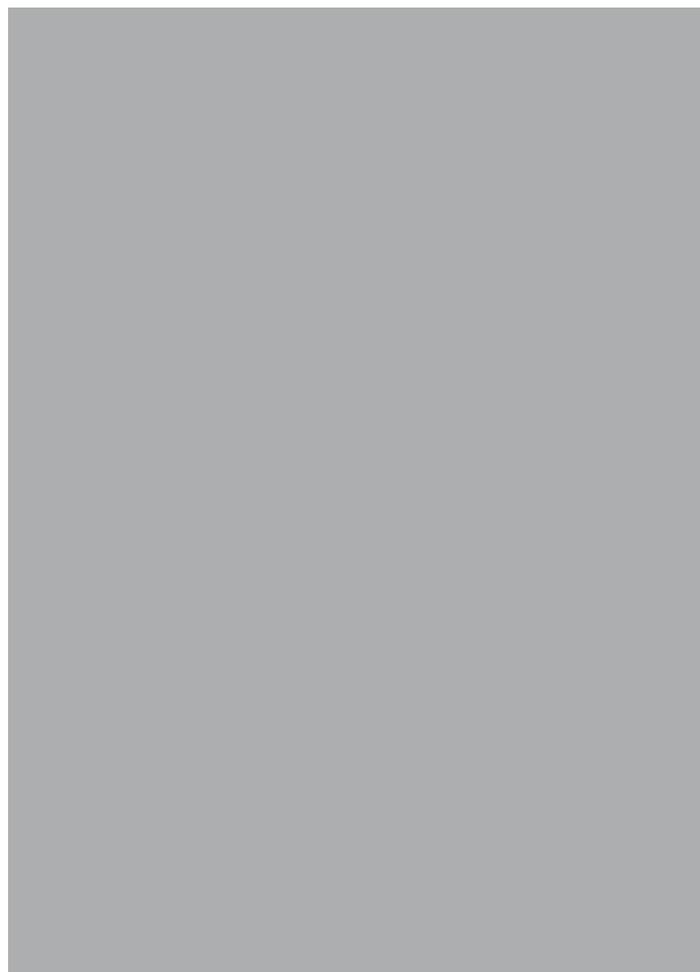




Thermo65 / Thermo46 entrance doors

NEW: Finger-scan elegantly integrated in the door leaf





Door leaf without visible leaf profile

Thermo65 and Thermo46 doors make for an exquisite and elegant reception – whether you use them for a main or a side entrance. **The shapely door leaf with its solid interior and exterior and the leaf profile on the inside fulfils the highest design requirements.** The interior view (shown on page 30) harmonises perfectly with your residential internal doors.

High thermal insulation

With U_D -values up to approx. $1.1 \text{ W}/(\text{m}^2\cdot\text{K})^*$, Thermo46 entrance doors provide excellent thermal insulation for your home. **Thermo65 entrance doors feature a U_D -value of up to approx. $0.87 \text{ W}/(\text{m}^2\cdot\text{K})^*$ for even better thermal insulation.** As a result, you save energy in the long term while also protecting the environment.

* Dependent on door size. Specified values for RAM $1230 \times 2180 \text{ mm}$



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.**

For even more security, many Thermo46 door styles as well as many Thermo65 entrance doors (including with side elements and transom lights) are **optionally available with break-in-resistant RC 2 security equipment.**

Our entrance doors' certified break-in resistance is also recommended by police information centres.



Safe glazing

As standard with 8 mm laminated safety glass on the interior and exterior

When it comes to **industrial safety and burglar protection**, Hörmann entrance doors fulfil the absolute highest demands. The laminated safety glass on the interior and exterior of the triple-pane insulated glazing provides **maximum security**. In case of glass breakage, the glass splinters are also bound to the inside, **virtually eliminating any danger of being injured by the shards**. Furthermore, the laminated safety glass offers better protection against burglars as it makes reaching through more difficult.

Steel / aluminium entrance door Thermo65

Thanks to the solid door view from the inside, the high-quality Thermo65 doors perfectly match the timber internal doors of your home. You can enjoy the same door view of doors made of different materials for many years to come.

Construction

- Solid, 65-mm-thick steel door leaf with leaf profile on the inside and thick rebate for an elegant door appearance
- Leaf profile made of composite material with thermal break for high stability and thermal insulation
- 80-mm aluminium frame with thermal break and 20-mm-high aluminium/plastic threshold rail with thermal break ensures excellent thermal insulation
- Triple sealing offers optimal protection from rain, wind and dirt
- Triple-pane insulated glazing with safety glass on both sides virtually eliminates all risk of injury in the event of breakage
- Optional RC 2 security equipment for extra security**

Fulfils all requirements of the energy savings regulation

Suitable for fitting without thermal bridges

U_D -value up to approx. $0.87 \text{ W}/(\text{m}^2 \cdot \text{K})^*$



* Approved by ift
Rosenheim
Door size
RAM 1230 x 2180 mm
**Not THP 410S, 430E,
600S



Steel / aluminium entrance door Thermo46

All Thermo46 doors are delivered with a solid door leaf to give your entrance doors and residential internal doors a uniform view from the inside.

Construction

- Solid, 46-mm-thick steel door leaf with leaf profile on the inside and thick rebate for an elegant door appearance
- Leaf profile made of composite material with thermal break for good stability and thermal insulation
- 60-mm aluminium frame with thermal break and 20-mm-high aluminium / plastic threshold rail with thermal break ensures good thermal insulation
- Double sealing offers good protection from rain, wind and dirt
- Double-pane insulated glazing with safety glass on both sides virtually eliminates all risk of injury in the event of breakage
- Optional RC 2 security equipment for extra security**

Fulfils all requirements of the energy savings regulation

Suitable for fitting without thermal bridges

U_D -value up to approx. $1.1 \text{ W}/(\text{m}^2 \cdot \text{K})^*$



* Approved by ift Rosenheim
Door size RAM 1230 x 2180 mm
**Not for TPS 020S, 025S, 030S,
040S, 200I, 400I





The entrance door that makes you feel welcome

The Thermo65 offers you everything that makes for an excellent entrance door. The solid 65-mm-thick steel door leaf with PU rigid foam infill and the leaf profile on the inside made of composite material as well as the aluminium frame with thermal break keep the cold out. With a U_D -value up to approx. $0.87 \text{ W}/(\text{m}^2 \cdot \text{K})$, Thermo65 doors feature good thermal insulation. As standard, the doors are equipped with a 5-point security lock, allowing you to feel safe and secure in your home. Most Thermo65 styles are optionally available with RC 2 safety equipment to make you feel even more secure in your own four walls.

Choose your favourite of 14 attractive styles and customise it with one of our 17 preferred colours and 5 Decograin decors.

Distinctive design that reflects
your personal style



Style 010

Decograin Golden Oak, stainless steel handle HB 14-2,
side elements with Satinato glazing



Style 015
Decograin Titan Metallic
CH 703 with embellishment
view 400 in stainless steel
look, stainless steel handle
HB 14-2



Style 015
Standard colour Traffic white
RAL 9016, stainless steel
handle HB 14-2



Style 515
Standard colour Traffic white
RAL 9016, silk matt,
stainless steel handle
HB 14-2



Style 010
Preferred colour Grey
aluminium RAL 9007,
stainless steel
embellishment view 751,
stainless steel handle
HB 14-2



Style 600S
Decograin Winchester Oak, stainless steel handle
HB 38-2, with surface-mounted Satinato glazing,
side elements with Satinato glazing



▲ Thermo65 style 515 in Decograin Titan Metallic CH 703, with side elements



▼ Thermo65 style 010 in Decograin Titan Metallic CH 703, opening outwards (optional), with side elements



► Thermo65 style 820S in Decograin Dark Oak, with side elements

Visible design



Style 700B

Preferred colour Decograin Titan Metallic CH 703, stainless steel handle
HB 38-2, sand-blasted glazing with 7 clear stripes



Style 750C

Preferred colour Purple red RAL 3004, silk matt, stainless steel handle HB 38-2, sand-blasted glazing with 5 clear stripes



Style 800S

Preferred colour Window grey RAL 7040, silk matt, stainless steel handle HB 38-2, Satinato glazing



Style 810E

Standard colour Traffic white RAL 9016, silk matt, stainless steel handle HB 38-2, sand-blasted glazing with clear stripes (square)



Style 850B

Standard colour Traffic white RAL 9016, silk matt, stainless steel handle HB 38-2, sand-blasted glazing with 7 clear stripes



Style 900D

Standard colour Traffic white RAL 9016, silk matt, stainless steel handle HB 38-2, sand-blasted glazing with 4 clear stripes



Style 820S ■ NEW

Decograin Dark Oak, stainless steel handle HB 38-2, Satinato glazing





Style 100

Standard colour Traffic white RAL 9016, silk matt, stainless steel handle HB 14-2, side elements with Satinato glazing



Style 430E

Standard colour Traffic white RAL 9016, silk matt, stainless steel handle HB 14-2, glazing with clear stripes (frame)



Style 410S

Standard colour Traffic white RAL 9016, silk matt, stainless steel handle HB 14-2, Satinato glazing



Turn your entrance into an eye-catcher

The Thermo46 doors offer you everything that makes for an excellent entrance door. With a U_D -value up to approx. $1.1 \text{ W}/(\text{m}^2 \cdot \text{K})$, the Thermo46 doors achieve excellent thermal insulation values. Thanks to the standard 5-point security lock, the entrance doors are well equipped when it comes to security. Some styles are optionally available with RC 2 security equipment to make you feel even more secure in your own four walls.

Choose your favourite from 13 door styles – from modern to classic. You can customise your Hörmann door with colours, glazings, side elements and transom lights according to your preferences.



For everyone who values elegance



Style 750C

Standard colour Traffic white RAL 9016, silk matt, stainless steel handle
HB 38-2, sand-blasted glazing with 5 clear stripes, side elements
with sand-blasted glazing without stripes



Style 700B

Decograin Titan Metallic CH 703, stainless steel handle HB 38-2, sand-blasted glazing with 7 clear stripes, side elements with sand-blasted glazing without stripes



Style 900D

Decograin Golden Oak, stainless steel handle HB 38-2, sand-blasted glazing with 4 clear stripes



Style 515

Decograin Titan Metallic CH 703 with embellishment view 400 in stainless steel look, stainless steel handle HB 14-2



Style 015

Standard colour Traffic white RAL 9016, silk matt, stainless steel handle HB 14-2



Style 025S

Standard colour Traffic white RAL 9016, silk matt, with embellishment view 400 in stainless steel look, stainless steel handle HB 14-2, Satinato glazing





Style 010

Preferred colour Anthracite grey RAL 7016, stainless steel handle HB 14-2, side elements with Satinato glazing



Style 020S

Standard colour Traffic white RAL 9016, silk matt, stainless steel handle HB 14-2, Satinato glazing



Style 030S

Preferred colour Window grey RAL 7040, stainless steel handle HB 14-2, Satinato glazing



Style 040S

Standard colour Traffic white RAL 9016, silk matt, stainless steel handle HB 14-2, round glazing Ø 280 mm, Satinato glazing

◀ **Style 010** in standard colour Traffic white RAL 9016, optional stainless steel handle HB 38-2, with side element





Style 100

Standard colour Traffic white RAL 9016, silk matt, stainless steel handle HB 14-2, side elements with Cathedral glass



Style 200

Standard colour Traffic white RAL 9016, silk matt, stainless steel handle HB 14-2, Cathedral glass



Style 400I

Standard colour Traffic white RAL 9016, silk matt, stainless steel handle HB 14-2, Cathedral glass

Reassuring security



5-point security lock

You will feel safe at home: 2 conical swing bolts **4** engage with 2 additional security bolts **3** and 1 lock bolt **2** in the frame's lock plate and pull the door tightly shut. The lock plate on Thermo65 doors is adjustable for an optimal door setting. Thanks to the soft-lock latch **1**, the door closes very quietly.



Securing the hinge side

Being able to rest easy in your own home is important, which is why your Thermo46/Thermo65 door is secured additionally on the hinge side, making it practically impossible to force the door open.

5 Thermo46

With 3 security bolts

6 Thermo65

With continuous security strip made of aluminium

7 Perfectly hung with 3-way adjustable guide rollers

Sturdy, two-part 3-way adjustable hinges with safety pins and stainless steel decorative covers guarantee smooth door function.

8 Interior lever

Each door comes with a beautifully shaped stainless steel interior lever as standard.

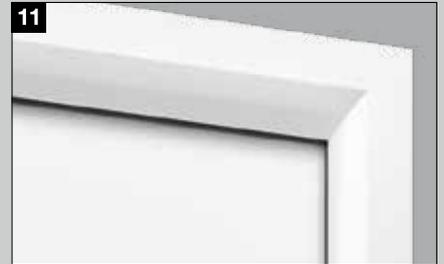
9 Exterior rose escutcheon

Thermo65 and Thermo46 doors come with a stainless steel exterior rose escutcheon as standard. The security sliding rose escutcheon for Thermo65 doors makes it more difficult to manipulate the locking cylinder, making it ideally equipped in terms of security.

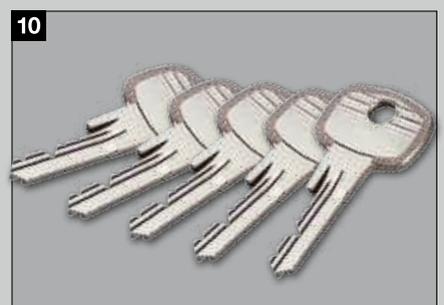
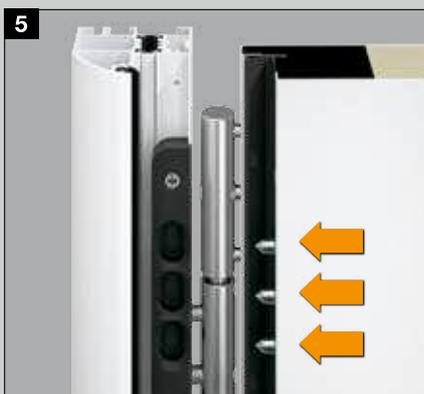
10 Profile cylinder

Delivered with 5 keys as standard. With emergency and hazard function, i.e. the door lock can still be operated when the key is inserted on the inside.

Frame variants



The 60 mm or 80 mm aluminium frame with thermal break and PU foam infill is available in either a round-style **11** (A 1 / A 3) or rectangular profile **12** (A 2 / A 4), without a surcharge.



Custom equipment

Automatic lock with mechanical self-locking

(for Thermo65)

When the door falls shut, the bolts automatically extend and securely lock the entrance door.

Automatic lock with electric motor and opening via BiSecur radio

(for Thermo65)

Open your entrance door easily and conveniently via multiple-point locking using a hand transmitter or radio finger-scan. There's no longer any danger of forgetting your keys. Your entrance door automatically unlocks via an electric motor. You can then push the door open.

1 Hand transmitter HSE 4 BS black textured surface with black plastic caps

2 Radio finger-scan FFL 12 BS

3 Finger-scan integrated in the door leaf ■ NEW

(for Thermo65)

Open your entrance door with your fingerprint! The finger-scan is elegantly integrated in the door leaf and is available for all steel / aluminium Thermo65 entrance doors equipped with an automatic lock with electric motor.

4 Automatic lock with electric motor and opening via Bluetooth

■ NEW

(for Thermo65)

Opening and closing your door via Bluetooth using your smartphone is even more convenient. Lock and unlock your steel / aluminium Thermo65 entrance doors with optional automatic lock via Bluetooth opening using the user-friendly Hörmann BlueSecur app.

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.

Reed contact (for Thermo65 and Thermo46) and bolt switch contact (for Thermo65, not shown)

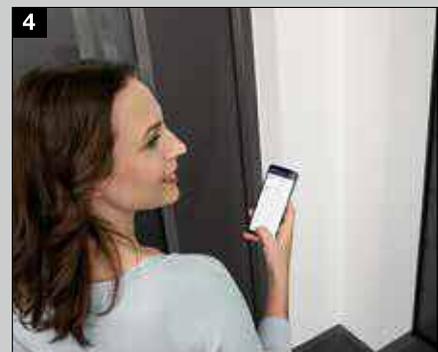
For connection to the building technology or alarm system and evaluation that the door is closed (reed contact) or locked (bolt switch contact).

Door drip (for Thermo65 and Thermo46, not shown)

Attractive protection: The door drip in Traffic white RAL 9016 or in a stainless steel look diverts driving rain and is easy to retrofit.

Retractable bottom seal (for Thermo65 and Thermo46, not shown)

This optional equipment is the best solution for sealing entrance doors without threshold rail used for barrier-free entrances.



Glazings for doors



**Thermo65
with triple-pane glazing
Style 700 / 750 / 800 /
810 / 820 / 850 / 900**

**Thermo46
with triple-pane glazing
Style 700 / 750 / 900**

These styles offer a nearly flush-fitting view on the inside and outside. The stainless steel glazing frame complements the elegant overall appearance. Insulated glazing is convincing when it comes to saving energy thanks to high thermal insulation values.



**Thermo46 with double-pane glazing
Style 020 / 025 / 030 / 040**

These doors are equipped with insulated glazing, guaranteeing excellent thermal insulation.

A modern, harmonious overall door appearance is created with a round-style plastic glazing frame. With Decograin surfaces, the glazing frame is painted in a colour complementing the surface finish.



**Thermo65
with triple-pane glazing
Style 410 / 430**

**Thermo46
with double-pane
Cathedral glazing
Style 200 / 400**

Panelled door styles are a stylish way to present your home with their perfectly matching profile-style plastic glazing frames. When it comes to thermal insulation, insulated glazing gives you everything you could want from a high-quality Hörmann entrance door.



**Thermo65
with triple-pane glazing
Style 600**

The black contrast frame gives the surface-mounted glazing an elegant appearance. Insulated glazing also ensures high thermal insulation, as you would expect in a modern entrance door.

Glazings for side elements and transom lights

Thermo46 doors are supplied with side elements and transom lights with double-pane insulated glazing, Thermo65 doors with triple-pane insulated glazing.



Satinato



Sand-blasted / sand-blasted
with clear stripes



Clear glass

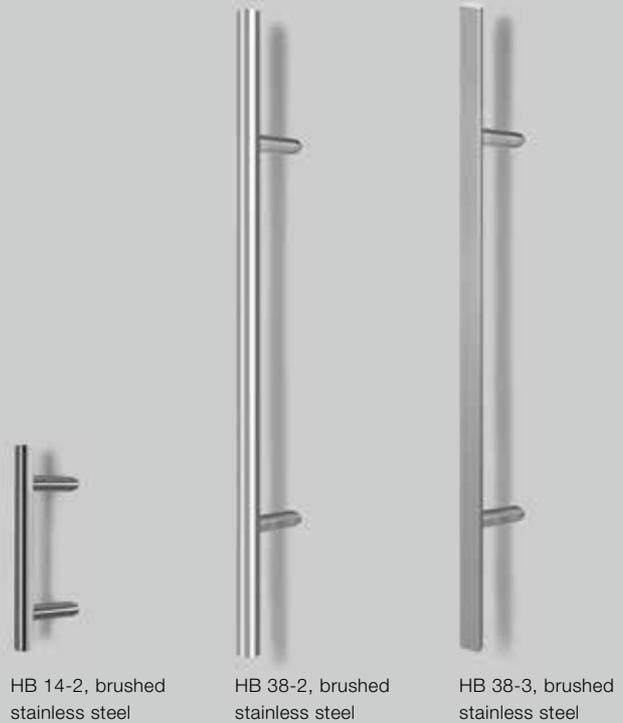


Cathedral small hammered finish
(only Thermo46)

A beautiful handle accents the door: select your desired handle

As standard, all doors come with the exterior handles shown in the product photos (from page 14). Alternatively, you can select a different handle made of stainless steel.

Exterior handles



Lever handle sets for outside and inside



Stainless steel lever handle set
Type D-110 (standard)



Stainless steel lever/knob handle set with door knob
type 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



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



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

Embellishments make your entrance look more beautiful

Design the exterior of styles 010, 015, 025 and 515 using these attractive embellishments. The embellishments made of stainless steel or in a stainless steel look are available for Thermo65 and Thermo46 door versions and for all door colours or decors.



Style 015, view 400



Style 515, view 401



Style 025, view 402



Style 015, view 403



Style 010, view 451



Style 010, view 454



Style 010, view 457



Style 010, view 459



Style 010, view 750



Style 010, view 751

Find your favourite colour

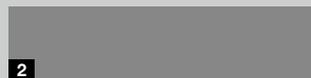
Do you prefer a subtle Window grey or would you like to show your true colours with Ruby red? When choosing a colour for your new entrance door, we let your creativity run wild. You can choose between the particularly inexpensive Traffic white RAL 9016 and 17 additional preferred colours*. The interior and exterior of your Thermo65 or Thermo46 doors are always the same colour.

In low-cost Traffic white as standard

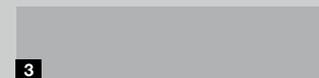


1

17 preferred colours*



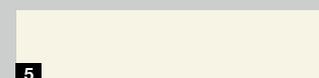
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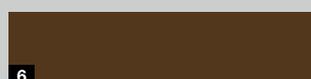
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4



5



6



7



8



9



10



11



12



13



14



15



16



17



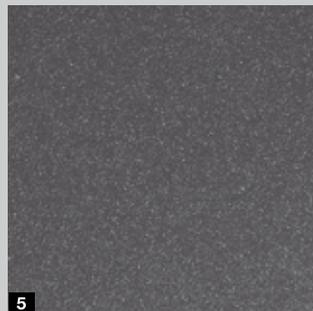
18

- 1 RAL 9016 Traffic white
- 2 RAL 9007 Grey aluminium
- 3 RAL 9006 White aluminium
- 4 RAL 9002 Grey white
- 5 RAL 9001 Cream
- 6 RAL 8028 Terra brown
- 7 RAL 8003 Clay brown
- 8 RAL 7040 Window grey
- 9 RAL 7035 Light grey
- 10 RAL 7016 Anthracite grey
- 11 RAL 6005 Moss green
- 12 RAL 5014 Pigeon blue
- 13 RAL 5010 Gentian blue
- 14 RAL 3004 Purple red
- 15 RAL 3003 Ruby red
- 16 RAL 3000 Flame red
- 17 RAL 1015 Light ivory
- 18 CH 703 Anthracite metallic

Elegance and detailed accuracy

Decograin** is available in four natural-looking timber designs and one anthracite design with a metallic effect. An embossed wood grain gives it an authentic timber character.

5 Decograin decors**



- 1 Golden Oak: medium brown, golden yellow oak design
- 2 Dark Oak: walnut-coloured oak decor
- 3 Night Oak: dark, intense oak design
- 4 Winchester Oak: natural-coloured knotty oak design
- 5 Titan Metallic CH 703: Anthracite with a metallic effect

Please note:

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.

* Available for Thermo65 styles 410, 430 from 01.07.2019.

**Not available for Thermo65 styles 100, 410, 430 and Thermo46 styles 100, 200, 400. Glazing frames in matching colours for Thermo46 styles 020, 025, 030, 040.

Customise your entrance area

For entrance doors Thermo65 and Thermo46, you can order the door leaf and frame in different colours to fit your own individual taste. Combine the standard colour Traffic white RAL 9016, 17 preferred colours or 5 Decograin decors to perfectly match your home and decorating style.

Door leaf and frame in different colours



Frame in White aluminium RAL 9006,
door leaf in Grey aluminium RAL 9007



Frame in Titan Metallic CH 703,
door leaf in Traffic white RAL 9016



Frame in White aluminium RAL 9006,
door leaf in Titan Metallic CH 703



Frame in Anthracite grey RAL 7016,
door leaf in Purple red RAL 3004

Entrance doors matching internal doors

Design your Thermo65 entrance door in Decograin Golden Oak, Dark Oak or Titan Metallic CH 703 on the inside to match your white internal doors. All door styles are available with rounded frames, as well as the side elements, in the Decograin decors listed, on the inside in Traffic white RAL 9016 – on request with side elements in the same colour combination. This way, you can enjoy your perfectly matching entrance door and internal doors.



Viewed from outside
in Decograin surface



Viewed from inside in Traffic white
RAL 9016*

Please note:

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.

* Not available for Thermo65 styles 100, 410, 430 and all Thermo46 styles.

SIZES AND FITTING DATA

Standard sizes Thermo65

Overall frame dimension (ordering size)	Structural opening	Clear frame dimension
1000 × 2100	1020 × 2110	850 × 2005
1100 × 2100	1120 × 2110	950 × 2005

Standard sizes Thermo46

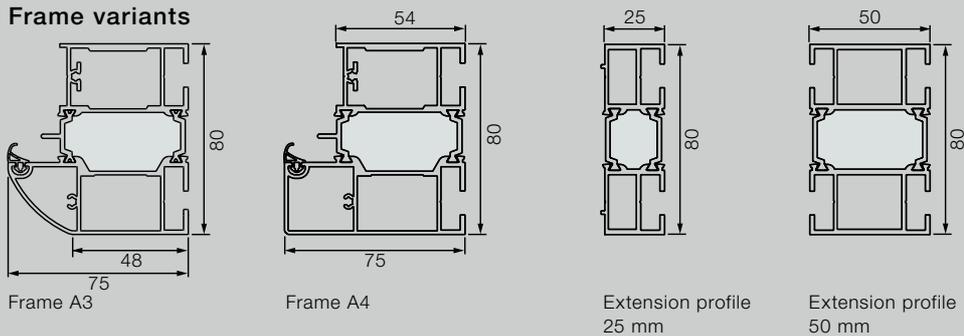
Overall frame dimension (ordering size)	Structural opening	Clear frame dimension
1000 × 2100	1020 × 2110	872 × 2016
1100 × 2100	1120 × 2110	972 × 2016

Special sizes Thermo65 / Thermo46

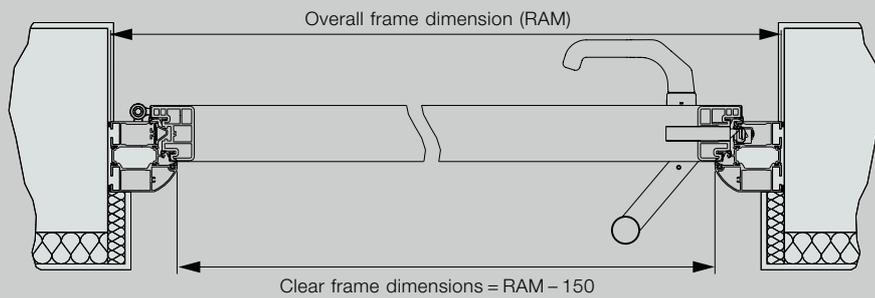
Styles	Overall frame dimension (ordering size)
200	875 – 1100 × 1990 – 2186
010, 020, 030, 040, 600, 700, 750, 800, 810	700 – 1250 × 1875 – 2250
015, 025, 515	875 – 1250 × 1875 – 2250
100, 400, 410, 430	875 – 1100 × 1875 – 2186
820, 850, 900	800 – 1250 × 1875 – 2250

Thermo65

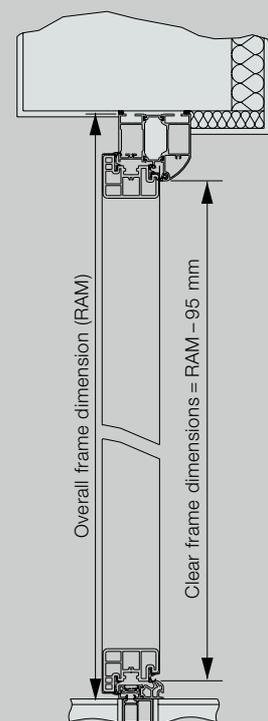
Frame variants



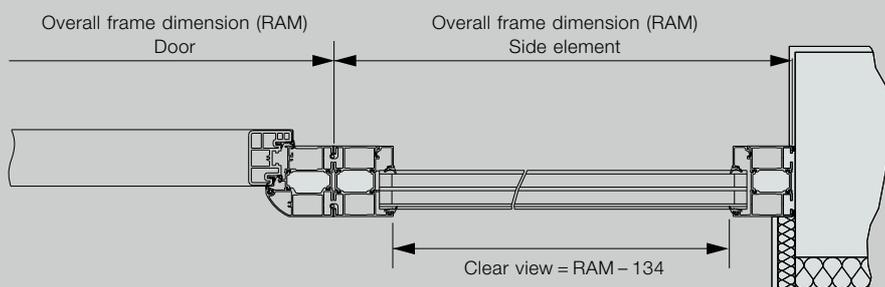
Horizontal view of door



Vertical view of door



Horizontal view of side element



All dimensions in mm

Side element standard sizes
Thermo65 / Thermo46

Version	Overall frame dimension (ordering size)
Thermo 65 / 46	400 × 2100

Side element special sizes
Thermo65 / Thermo46

Versions	Overall frame dimension (ordering size)
Thermo46	300 – 1000* × 700 – 2250
Thermo65	300 – 1000* × 700 – 2250

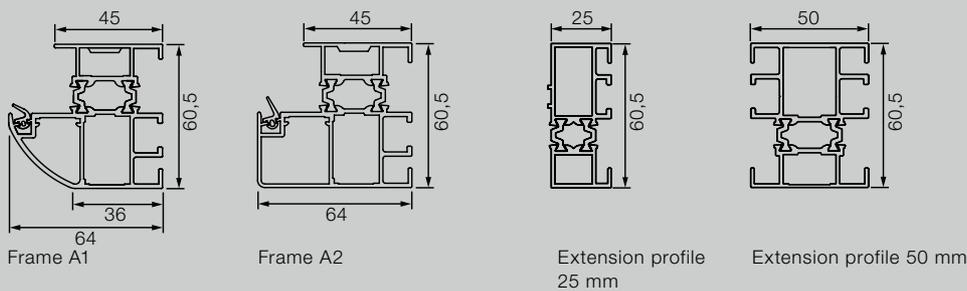
* Transom light not possible from a width of 500 mm. Door sets with side elements do not contribute to the static equilibrium, which must be guaranteed by the building structure.

Transom light special sizes
Thermo65 / Thermo46

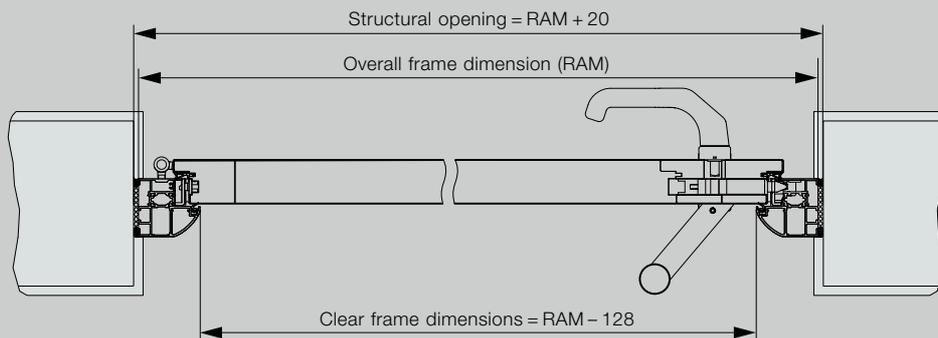
Version	Overall frame dimension (ordering size)
Thermo 65 / 46	700 – 2250 × 300 – 500

Thermo46

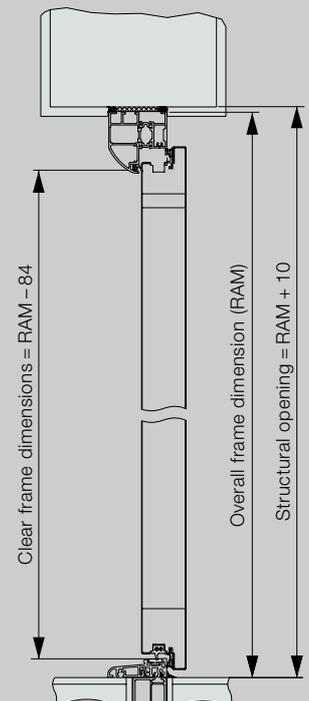
Frame variants



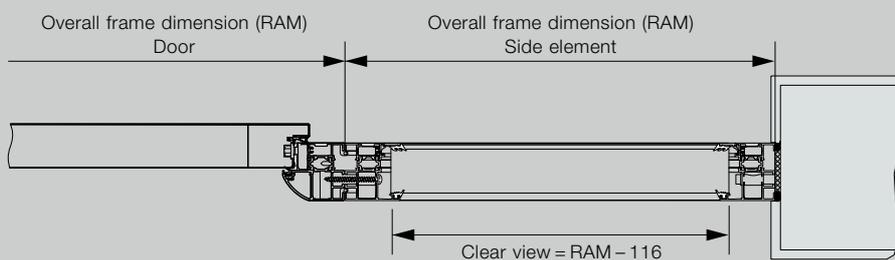
Horizontal view of door



Vertical view of door



Horizontal view of side element



All dimensions in mm

