

LUXZONE



CATALOGUE OF  
**STEEL DOORS**  
2024

Edition I/2024/A  
Effective from: 15/02/2024

EN



NEW SINGEN 6 in LABEL BLACK finish, in ANTRACITE SILVER veneer with a matt surface.

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# DECORS

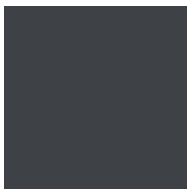
Our doors are made of steel sheet, finished with PVC veneer. Choose a colour that will make your door stand out.

## PVC VENEER

This product is specially developed for outdoor use. PVC veneer offers high resistance to changing weather conditions and UV radiation. The texture matching the decorative motif creates a product with high aesthetic qualities.

**5** years of <sup>2)</sup> **WARRANTY FOR THE VENEER**

**NEW**



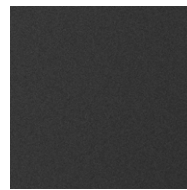
ANTHRACITE SILK



SMOOTH ANTHRACITE



ANTHRACITE STRUCTURE



BLACK



ANTHRACITE OAK



GREY



BOG OAK



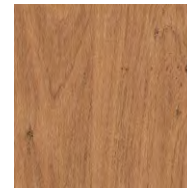
MEDIUM BROWN OAK



WALNUT



GOLDEN OAK



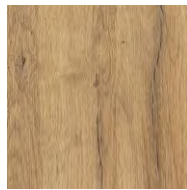
WINCHESTER



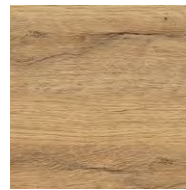
MOUNTAIN PINE



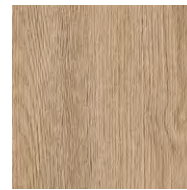
WHITE PINE



NATURAL OAK



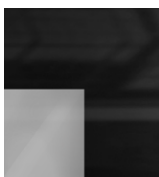
NATURAL TRANSVERSE OAK <sup>1) 3)</sup>



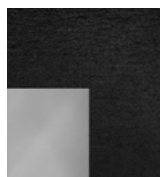
RAW OAK

For technical reasons, due to printing technology, the colours shown may differ from those shown in the photographs. It is recommended to compare the colour with the samples available from the seller

## FRAMES



BLACK GLASS

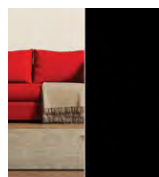


BLACK PAINTED STAINLESS STEEL DECORATIVE PANEL

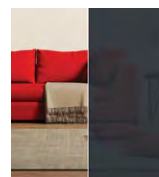


INOX STAINLESS STEEL DECORATIVE PANEL

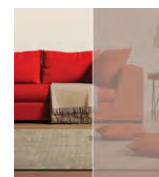
## GLAZING



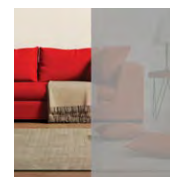
BLACK (OPAQUE)



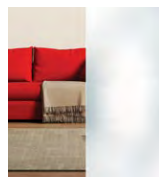
GRAPHITE



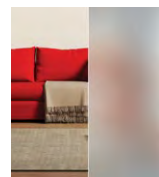
REFLEX BRONZE



REFLEX GREY



VENETIAN MIRROR (extra charge)



SANDBLASTED GLASS



TRANSPARENT GLASS

<sup>1)</sup> NATURAL OAK LATERAL facing layer used only on the leaf. Frame available with the NATURAL OAK facing layer.

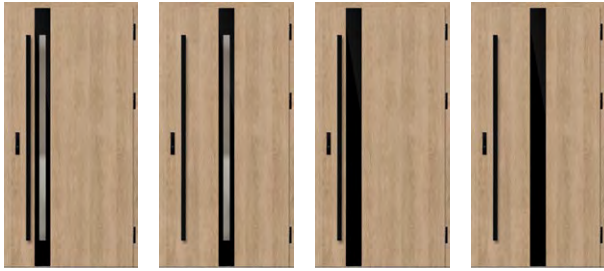
<sup>2)</sup> Refers to the resistance to UV rays with the requirements specified in the guarantee card.

<sup>3)</sup> The decor is only available with a decorative angle in black on the sash rebate on the lock side (not applicable to LANGEN 2 and 7, BAZYLEA 2, LEIMEN 3 and 5).

# DOOR COLLECTION

## HORN SERIES

p. 21



HORN 1

HORN 2

HORN 4

HORN 5

**NEW**

## LANGEN SERIES

p. 22



LANGEN 1

LANGEN 2

LANGEN 3

LANGEN 4

LANGEN 5

LANGEN 6

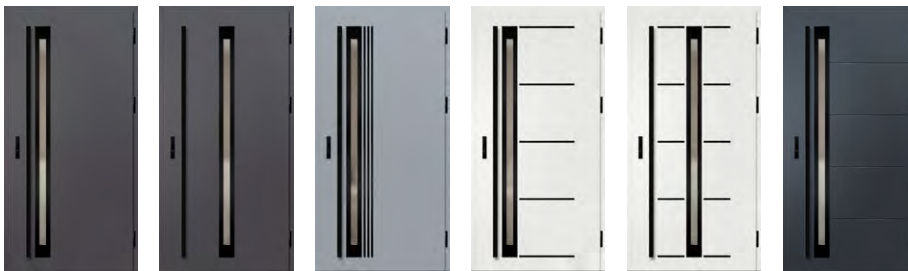
LANGEN 7

LANGEN 8

**NEW**

## TREBUR SERIES

p. 23



TREBUR 1

TREBUR 2

TREBUR 4

TREBUR 7

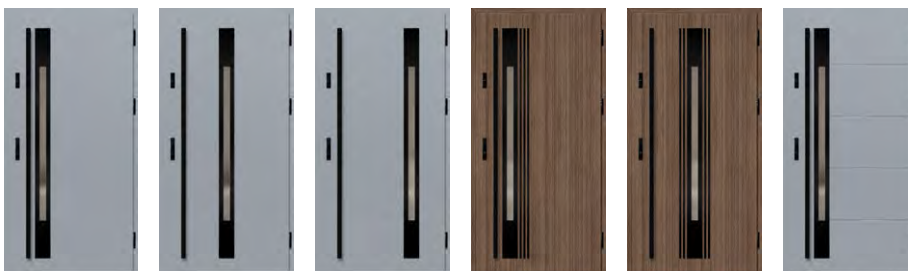
TREBUR 8

TREBUR 10

**NEW**

## WELS SERIES

p. 24



WELS 1

WELS 2

WELS 3

WELS 4

WELS 5

WELS 7

**NEW**

## BAZYLEA SERIES

p. 25



BAZYLEA 1

BAZYLEA 2

BAZYLEA 3

BAZYLEA 4

BAZYLEA 5

**NEW**

# DOOR COLLECTION

## LEIMEN SERIES

p. 26



LEIMEN 1    LEIMEN 2    LEIMEN 3    LEIMEN 4    LEIMEN 5

**NEW**

## AMBERG SERIES

p. 27



AMBERG 1    AMBERG 2    AMBERG 3    AMBERG 4

## LINDEN SERIES

p. 28



LINDEN 1    LINDEN 2    LINDEN 3    LINDEN 4    LINDEN 5    LINDEN 6

## MURTER SERIES

p. 29



MURTER 1    MURTER 2    MURTER 3    MURTER 4    MURTER 5    MURTER 6

## KREBEN SERIES

p. 30



KREBEN 1    KREBEN 2

## FRYBURG SERIES

p. 31



FRYBURG 3    FRYBURG 4    FRYBURG 5    FRYBURG 6

**NEW**

# DOOR COLLECTION

## ROTTERDAM SERIES

p. 32

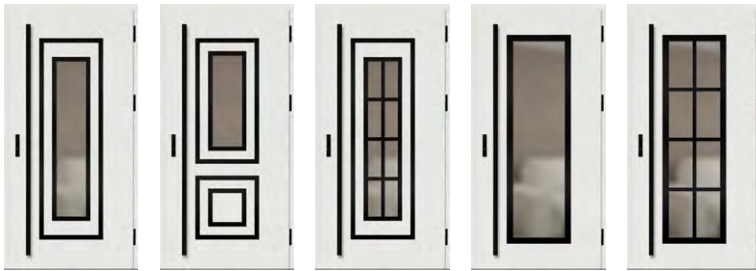


ROTTERDAM 1 ROTTERDAM 2 ROTTERDAM 3 ROTTERDAM 4

**NEW**

## EBERN SERIES

p. 33



EBERN 1 EBERN 2 EBERN 3 EBERN 4 EBERN 5

**NEW**

## WIENER SERIES

p. 34



WIENER 1 WIENER 2 WIENER 3

**NEW**

## SION SERIES

p. 35



SION 1 SION 2

## SINGEN SERIES

p. 36

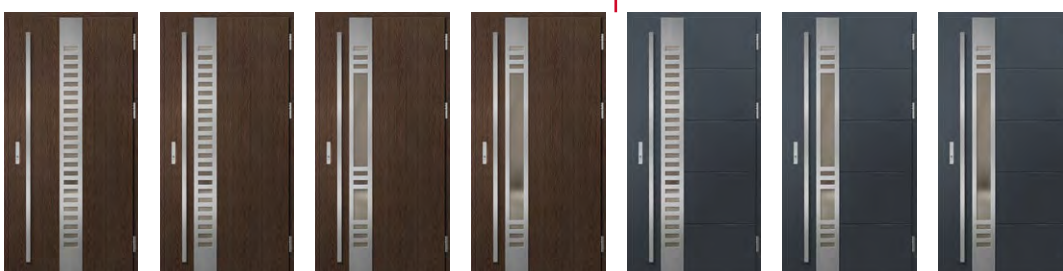


SINGEN 1 SINGEN 2 SINGEN 3 SINGEN 4 SINGEN 5 SINGEN 6

**NEW**

## SELTERS SERIES

page 37



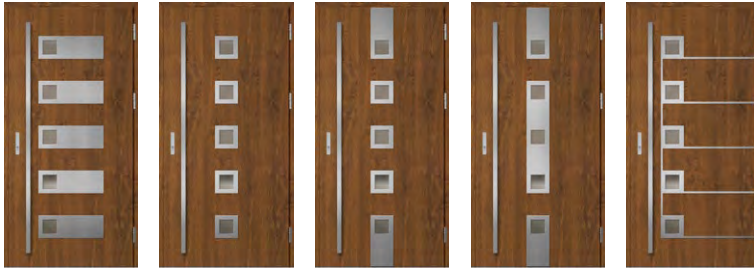
SELTERS 1 SELTERS 2 SELTERS 3 SELTERS 4 SELTERS 5 SELTERS 6 SELTERS 7

**NEW**

# DOOR COLLECTION

## SAMEDAN SERIES

p. 38



SAMEDAN 1 SAMEDAN 2 SAMEDAN 3 SAMEDAN 4 SAMEDAN 5

## RODING SERIES

p. 39



RODING 1 RODING 2

## MELK SERIES

p. 40



MELK 1 MELK 2

## LUCERNA SERIES

p. 41



LUCERNA 1 LUCERNA 2

## LEOBEN SERIES

p. 42



LEOBEN 1 LEOBEN 2 LEOBEN 3 LEOBEN 4

## BIENE SERIES

p. 43



BIENE 1 BIENE 2 BIENE 3 BIENE 4

## LUTTER SERIES

p. 44



LUTTER 1 LUTTER 2 LUTTER 3 LUTTER 4

## KELLA SERIES

p. 45

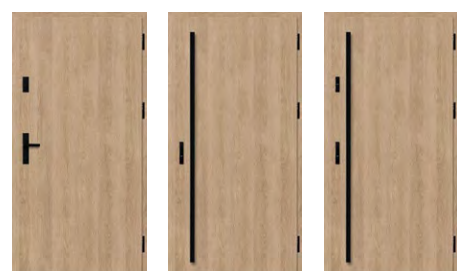


KELLA 1 KELLA 2 KELLA 3 KELLA 4

**NEW**

## SOLID SERIES

p. 46



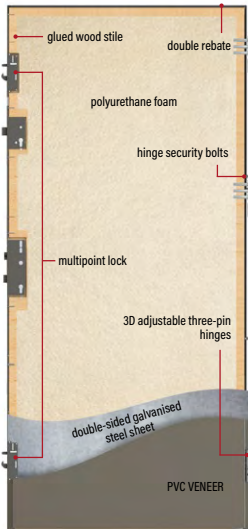
SOLID SOLID SOLID



# DESIGN TYPES

**88**  
THERMO HOT

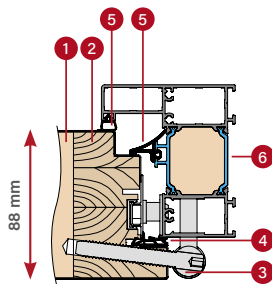
## THERMO HOT 88



THERMAL INSULATION  
 $U_d=0.60 \text{ W}/(\text{m}^2\text{K})^{-1}$



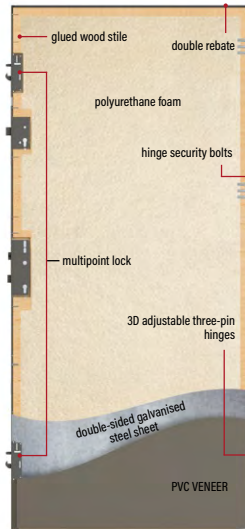
DOOR LEAF THICKNESS  
88 mm



ALUMINIUM DOOR FRAME

**78**  
THERMO HOT

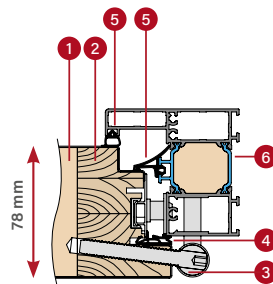
## THERMO HOT 78



THERMAL INSULATION  
 $U_d=0.63 \text{ W}/(\text{m}^2\text{K})^{-1}$



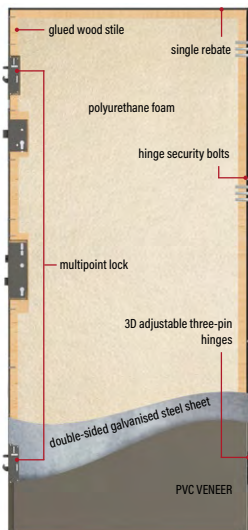
DOOR LEAF THICKNESS  
78 mm



ALUMINIUM DOOR FRAME

**78**  
THERMO

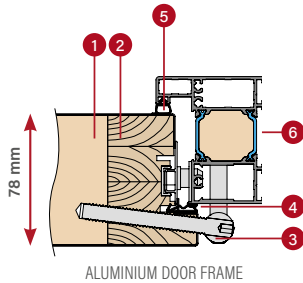
## THERMO 78



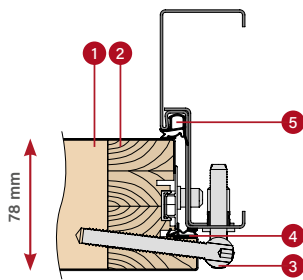
THERMAL INSULATION  
 $U_d=0.64 \text{ W}/(\text{m}^2\text{K})^{-1}$



DOOR LEAF THICKNESS  
78 mm



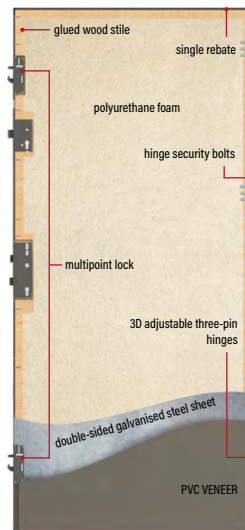
ALUMINIUM DOOR FRAME



STEEL DOOR FRAME

**64**  
THERMO

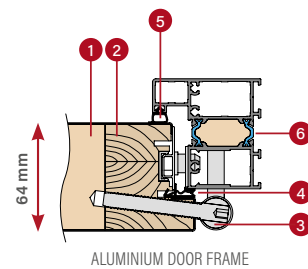
## THERMO 64



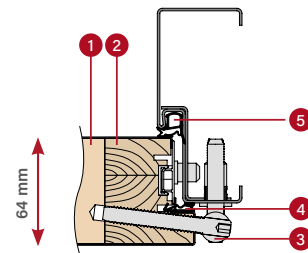
THERMAL INSULATION  
 $U_d=0.77 \text{ W}/(\text{m}^2\text{K})^{-1}$



DOOR LEAF THICKNESS  
64 mm



ALUMINIUM DOOR FRAME



STEEL DOOR FRAME

- 1 foam filling
- 3 hinge
- 5 frame seal
- 2 glued wood stile
- 4 leaf seal
- 6 aluminium frame thermal barrier

\* Applies to solid core doors without glazing with reference dimensions 1230 x 2180 mm with aluminium frame (details on page 50).



thermal insulation  
 $U_d = 0,60 \text{ W} / (\text{m}^2\text{K})^1$

# THERMO HOT 88 DOOR

## STANDARD EQUIPMENT & AT EXTRA CHARGE



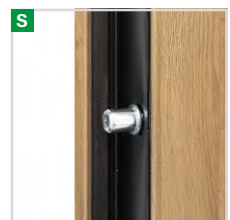
three-stage hinges with 3D adjustment, hinge covers in black, silver or old gold



aluminium door frame



drop down gasket



4 hinge security bolts



warm aluminium threshold and fourth rebate in the lower part of the leaf

**S**

solid strike plate with pressure adjustment

**S**

multipoint lock

**D**

multipoint lock with the top lock

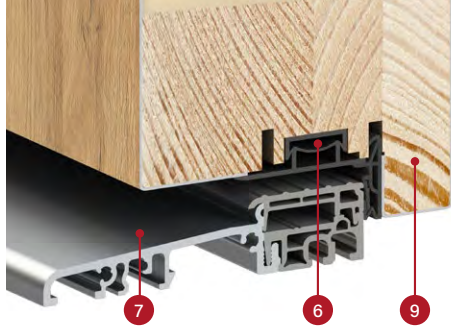
LINDEN 2, natural oak, LABEL BLACK

**S** standard, included in door price

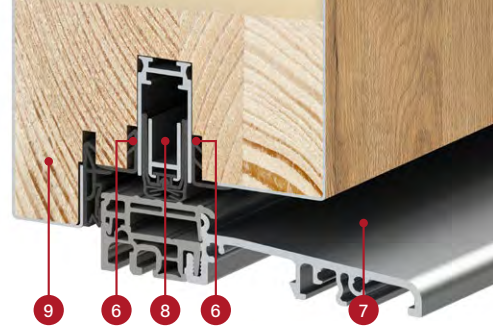
**D** optional at extra charge

<sup>1)</sup> Applies to solid core doors without glazing with reference dimensions 1230 x 2180 mm with aluminium frame.

<sup>2)</sup> Glazed doors must have an RC2 glazing package to be RC2-rated, available at an extra charge.



cross-section of the THERMO HOT 88 leaf with and without drop down gasket, aluminium threshold








## DESIGN:

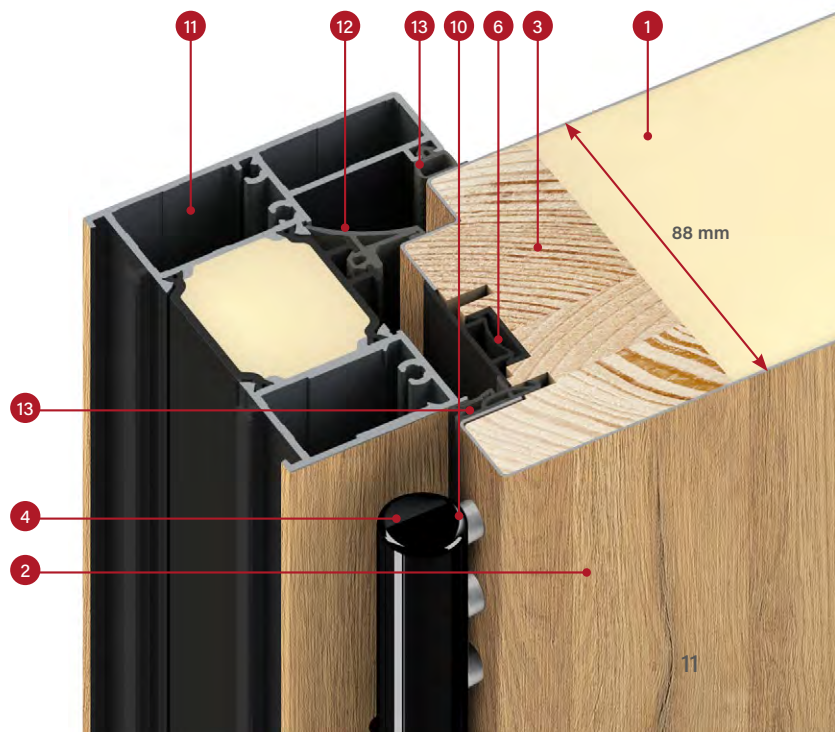
- 1 door leaf filled with polyurethane foam (PUR)
- 2 door leaf made of 0,6 mm thick galvanised steel sheet covered with UV resistant PVC veneer
- 3 leaf stile made of glued wood (pinewood)
- 4 3D adjustable three-pin hinge
- 6 trim for an aesthetic finish
- 7 warm aluminium threshold
- 8 drop down gasket (at extra charge) provides additional sealing of the door in the threshold part
- 9 threshold rebate (the so-called fourth rebate) significantly improves the tightness of the door around the leaf
- 10 aluminium black, silver or old gold hinge covers
- 11 aluminium frame with thermal barrier providing much better thermal insulation
- 12 door frame central gasket
- 13 door frame and leaf gasket

## STANDARD EQUIPMENT:

1. Door leaf with four-sided rebate, with glued wood frame, filled with PUR foam equipped with:
  - 3 hinges with 3D adjustment and covers
  - 4 hinge security bolts
  - multipoint lock with 3-point locking, silver or black at extra charge
  - covers.
2. Aluminium frame, painted black and covered in the colour of the door leaf, with a warm aluminium threshold and a solid strike plate with pressure adjustment.
3. 4-ply glazing units with a black frame with improved insulation spacer bar as standard.

cross section of an aluminium frame for the THERMO HOT 88 leaf

-  door leaf thickness 88 mm
-  WT21 standard
-  energy-saving
-  European CE compliance standard
-  ideal for passive house



# THERMO HOT 78 DOOR



thermal insulation  
 $U_d=0.63 \text{ W} / (\text{m}^2\text{K})^1$

## STANDARD EQUIPMENT & AT EXTRA CHARGE



- S** solid strike plate with pressure adjustment
- S** multipoint lock
- D** multipoint lock with the top lock

HORN 1, anthracite oak, PLAIN GLASS

**S** standard, included in door price     **D** optional at extra charge



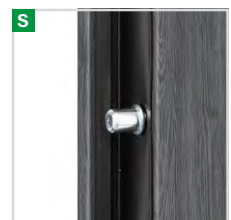
three-stage hinges with 3D adjustment, hinge covers in black, silver or old gold



aluminium door frame



drop down gasket



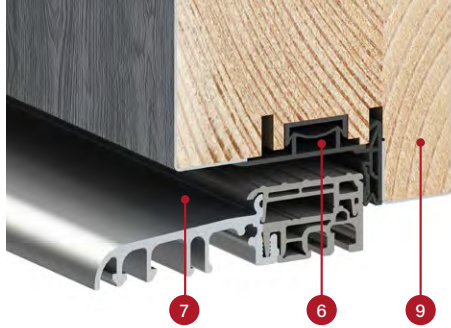
4 hinge security bolts



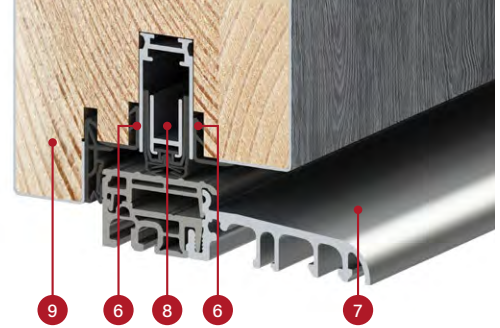
warm aluminium threshold and fourth rebate in the lower part of the leaf

<sup>1)</sup> Applies to solid core doors without glazing with reference dimensions 1230 x 2180 mm with aluminium frame.

<sup>2)</sup> Glazed doors must have an RC2 glazing package to be RC2-rated, available at an extra charge.



cross-section of the THERMO HOT 78 leaf with and without drop down gasket, aluminium threshold








## DESIGN:

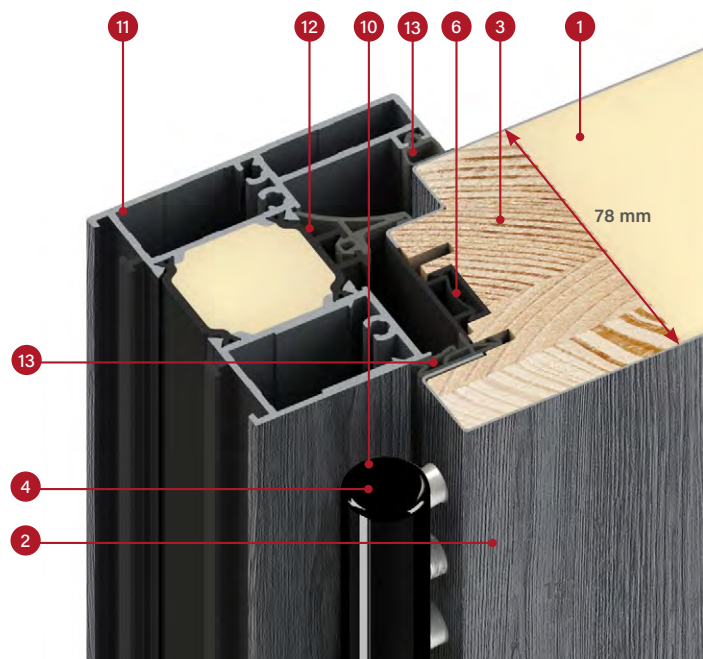
- 1 door leaf filled with polyurethane foam (PUR)
- 2 door leaf made of 0,6 mm thick galvanised steel sheet covered with UV resistant PVC veneer
- 3 leaf stile made of glued wood (pinewood)
- 4 3D adjustable three-pin hinge
- 6 trim for an aesthetic finish
- 7 warm aluminium threshold
- 8 drop down gasket (at extra charge) provides additional sealing of the door in the threshold part
- 9 threshold rebate (the so-called fourth rebate) significantly improves the tightness of the door around the leaf
- 10 aluminium black, silver or old gold hinge covers
- 11 aluminium frame with thermal barrier providing much better thermal insulation
- 12 door frame central gasket
- 13 door frame and leaf gasket

## STANDARD EQUIPMENT:

1. Door leaf with four-sided rebate, with glued wood frame, filled with PUR foam equipped with:
  - 3 hinges with 3D adjustment and covers
  - 4 hinge security bolts
  - multipoint lock with 3-point locking, silver or black at extra charge
  - covers.
2. Aluminium frame, painted black and covered in the colour of the door leaf, with a warm aluminium threshold and a solid strike plate with pressure adjustment.
3. 4-ply glazing units with a black frame with improved insulation spacer bar as standard.

-  door leaf thickness 78 mm
-  WT21 standard
-  energy-saving
-  European CE compliance standard
-  ideal for passive house

cross section of an aluminium frame for the THERMO HOT 78 leaf



# THERMO 78 DOOR



thermal insulation  
 $U_d = 0.64 \text{ W} / (\text{m}^2\text{K})^1$

## STANDARD EQUIPMENT & AT EXTRA CHARGE



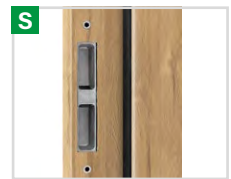
SION 1, natural oak, LABEL DIAMOND GLASS

- S** solid strike plate with pressure adjustment<sup>3)</sup>
- S** multipoint lock without the top lock
- D** multipoint lock with the top lock

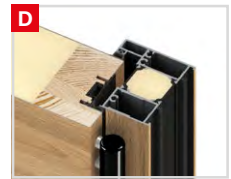
**S** standard, included in door price      **D** optional at extra charge



**S** three-stage hinges with 3D adjustment, hinge covers in black, silver or old gold



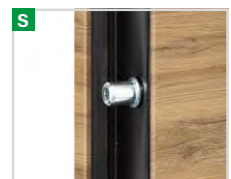
**S** steel frame with adjustable strikes



**D** aluminium door frame



**D** drop down gasket



**S** 4 hinge security bolts

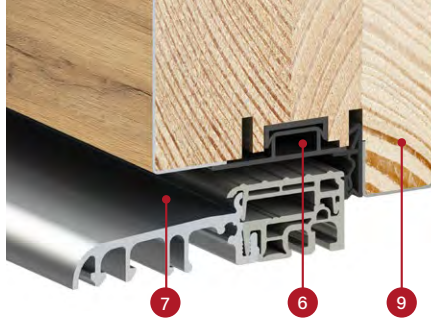


**S** warm aluminium threshold and fourth rebate in the lower part of the leaf

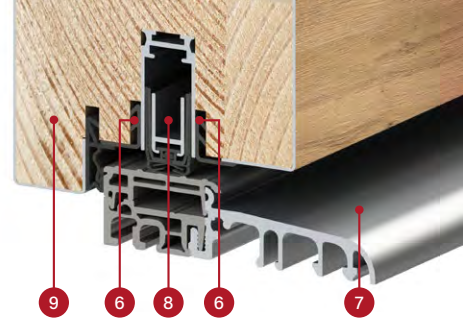
<sup>1)</sup> Applies to solid core doors without glazing with reference dimensions 1230 x 2180 mm with aluminium frame.

<sup>2)</sup> Glazed doors must have an RC2 glazing package to be RC2-rated, available at an extra charge.

<sup>3)</sup> Only available for aluminium frame. For the steel frame, the solid strike plate is not available.



cross-section of the THERMO 78 leaf  
with and without drop down gasket,  
aluminium threshold



## DESIGN:

- 1 door leaf filled with polyurethane foam (PUR)
- 2 door leaf made of 0,6 mm thick galvanised steel sheet covered with UV resistant PVC veneer
- 3 leaf stile made of glued wood (pinewood)
- 4 3D adjustable three-pin hinge
- 6 trim for an aesthetic finish
- 7 warm aluminium threshold
- 8 drop down gasket (at extra charge) provides additional sealing of the door in the threshold part
- 9 threshold rebate (the so-called fourth rebate) significantly improves the tightness of the door around the leaf
- 10 aluminium black, silver or old gold hinge covers
- 11 aluminium frame (at extra charge) with thermal barrier providing much better thermal insulation (compared to a steel frame)
- 12 1.5 mm thick galvanised steel frame in door colour or any colour of the range
- 13 door frame and leaf gasket

## STANDARD EQUIPMENT:

1. Door leaf with four-sided rebate, with glued wood frame, filled with PUR foam equipped with:
  - 3 hinges with 3D adjustment and covers
  - 4 hinge security bolts
  - multipoint lock with 3-point locking, silver or black at extra charge
  - covers.
2. Steel door frame, galvanised and covered in the colour of the door leaf, equipped with a warm aluminium threshold
3. 4-ply glazing units with a black frame with improved insulation spacer bar as standard.



door leaf thickness  
78 mm



WT21 standard



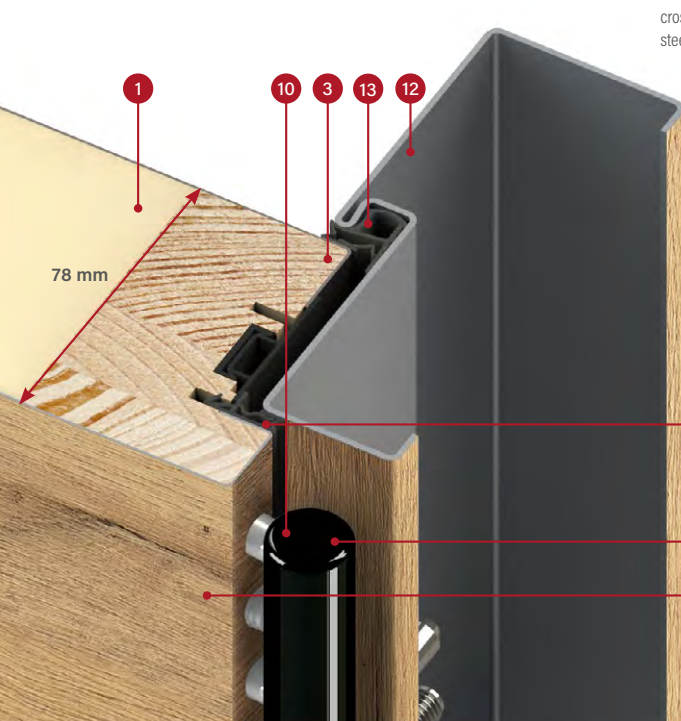
energy-saving



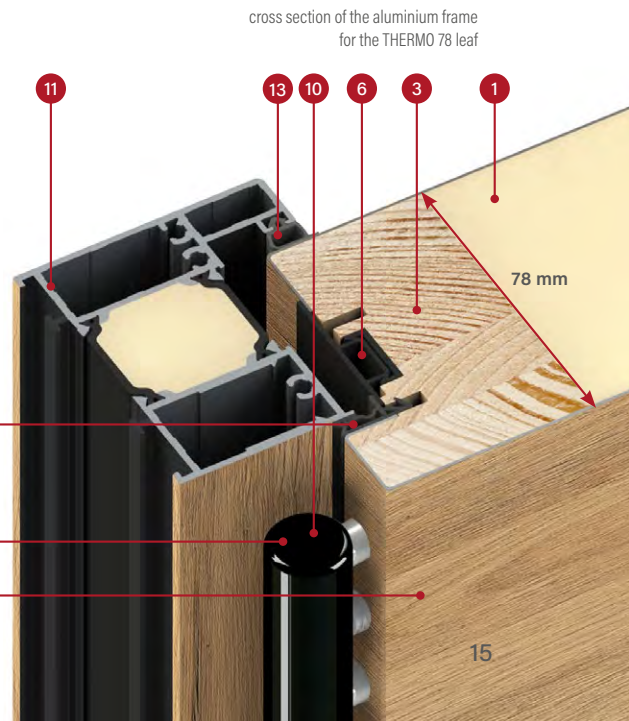
European CE compliance  
standard



ideal for a passive house  
(with aluminium frame)



cross section of the THERMO 78 leaf  
steel frame



cross section of the aluminium frame  
for the THERMO 78 leaf

# THERMO 64 DOOR



thermal insulation  
 $U_d=0.77 \text{ W} / (\text{m}^2\text{K})^1$

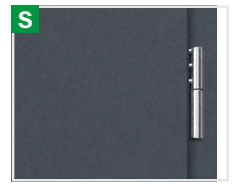
## STANDARD EQUIPMENT & AT EXTRA CHARGE



- S** solid strike plate with pressure adjustment<sup>3)</sup>
- S** multipoint lock without the top lock
- D** multipoint lock with the top lock

BAZYLEA 6, silk anthracite, LABEL INOX

**S** standard, included in door price      **D** optional at extra charge



three-stage hinges with 3D adjustment, hinge covers in black, silver or old gold



steel frame with adjustable strikes



aluminium door frame



drop down gasket



4 hinge security bolts



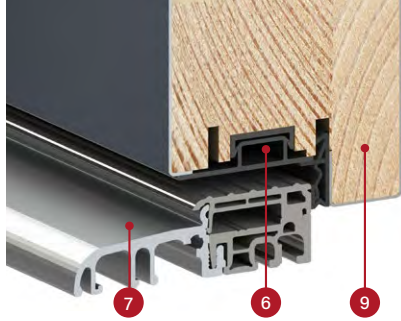
warm aluminium threshold and fourth rebate in the lower part of the leaf

<sup>1)</sup> Applies to solid core doors without glazing with reference dimensions 1230 x 2180 mm with aluminium frame.

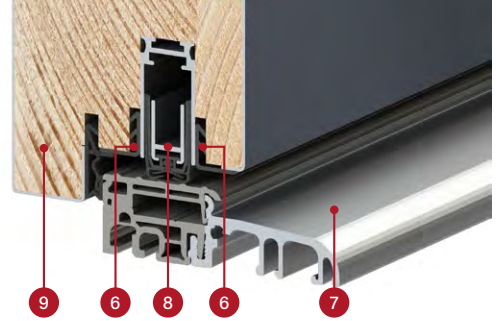
<sup>2)</sup> Glazed doors must have an RC2 glazing package to be RC2-rated, available at an extra charge.

<sup>3)</sup> Only available for aluminium frame. For the steel frame, the solid strike plate is not available.





cross-section of the THERMO 64 leaf with and without drop down gasket, aluminium threshold



## DESIGN:

- 1 door leaf filled with polyurethane foam (PUR)
- 2 door leaf made of 0,6 mm thick galvanised steel sheet covered with UV resistant PVC veneer
- 3 leaf stile made of glued wood (pinewood)
- 4 3D adjustable three-pin hinge
- 6 trim for an aesthetic finish
- 7 warm aluminium threshold
- 8 drop down gasket (at extra charge) provides additional sealing of the door in the threshold part
- 9 threshold rebate (the so-called fourth rebate) significantly improves the tightness of the door around the leaf
- 10 aluminium black, silver or old gold hinge covers
- 11 aluminium frame (at extra charge) with thermal barrier providing much better thermal insulation (compared to a steel frame)
- 12 1.5 mm thick galvanised steel frame in door colour or any colour of the range
- 13 door frame and leaf gasket

## STANDARD EQUIPMENT:

1. Door leaf with four-sided rebate, with glued wood frame, filled with PUR foam equipped with:
  - 3 hinges with 3D adjustment and covers
  - 4 hinge security bolts
  - multipoint lock with 3-point locking, silver or black at extra charge
  - covers.
2. Steel door frame, galvanised and covered in the colour of the door leaf, equipped with a warm aluminium threshold.
3. 4-ply glazing units with a black frame with improved insulation spacer bar as standard.



door leaf thickness  
64 mm



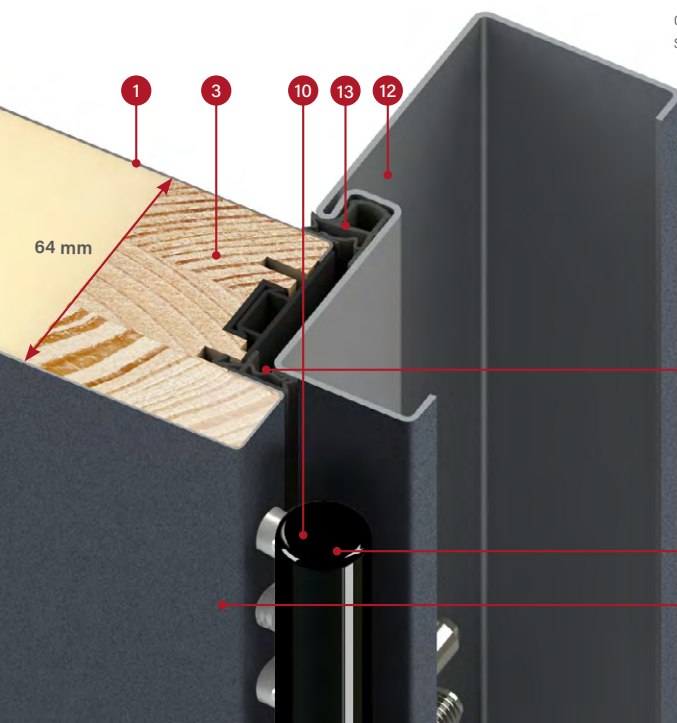
WT21 standard



energy-saving



European CE compliance standard



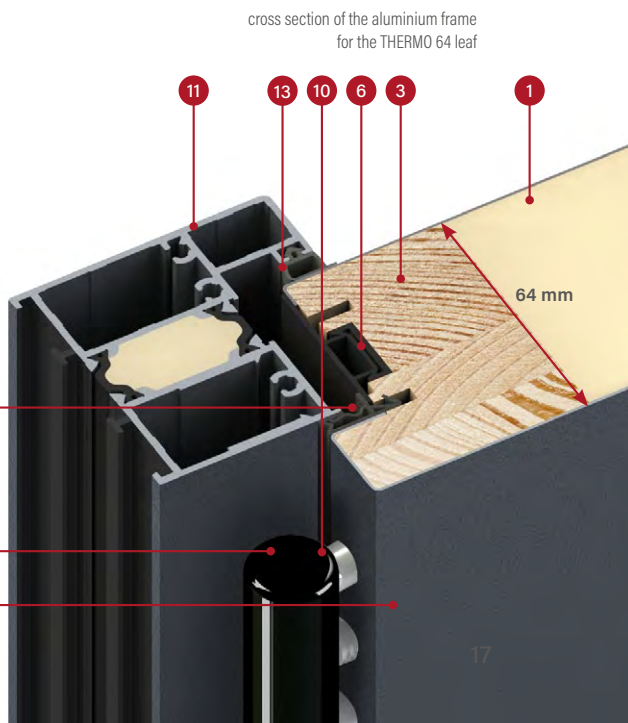
cross section of the THERMO 64 leaf steel frame

13

13

4

2



cross section of the aluminium frame for the THERMO 64 leaf

# TYPES OF FINISH

## PLAIN FINISH

Decorative package, with glass flush with the leaf surface only on the rebate side.

In the doors, which open outwards or inwards, the glass is flush with the surface of the leaf always from the outside of the house, while inside the house in the PLAIN GLASS finish there is a stainless steel decorative panel painted black, and in the PLAIN LACOBEL GLASS finish the leaf is smooth.

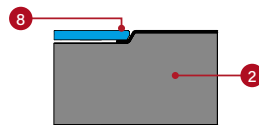
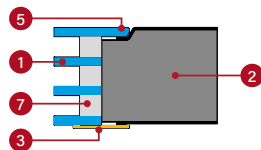
The exception is the inward opening door made with THERMO HOT technology, where the double rebate eliminates this possibility, which automatically means that it is not possible to order the product in the following configuration: inward opening door with THERMO HOT technology.



Panel flush with the surface of the leaf made of black glass.



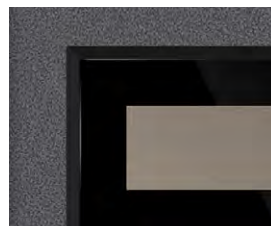
Panel flush with the surface of the leaf made of lacquered black glass.



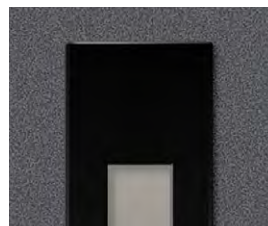
- 1 glazing unit
- 2 leaf
- 3 decorative panel made of stainless steel painted black bonded to the surface of the leaf
- 4 decorative panel made of stainless steel in INOX finish bonded to the surface of the leaf
- 5 glass flush with the surface of the leaf, which can only be located at the rebate side
- 6 glass with typical chamfer bonded to the surface of the leaf
- 7 black spacer bar
- 8 a decorative panel always flush with the outside of the house made of black painted glass, so-called Lacobel

## LABEL FINISH

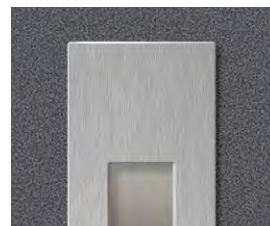
The decorative panel placed on the surface of the leaf creating a delicate 3D effect.



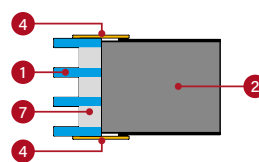
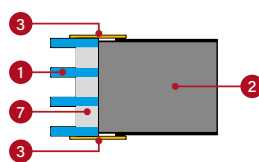
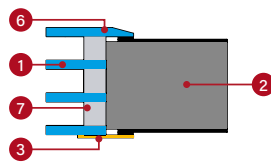
Panel with a thickness of 5 mm made of black glass with characteristic chamfering.



Panel with a thickness of 2 mm painted black.



Panel with a thickness of 2 mm in INOX finish.

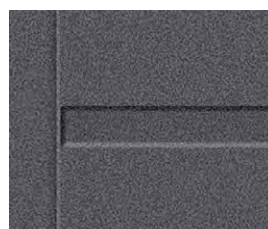


## STAMP FINISH

Attractive embossing made in the leaf surface forming a clear pattern.



Double-sided embossing width 10 mm, depth 2 mm.



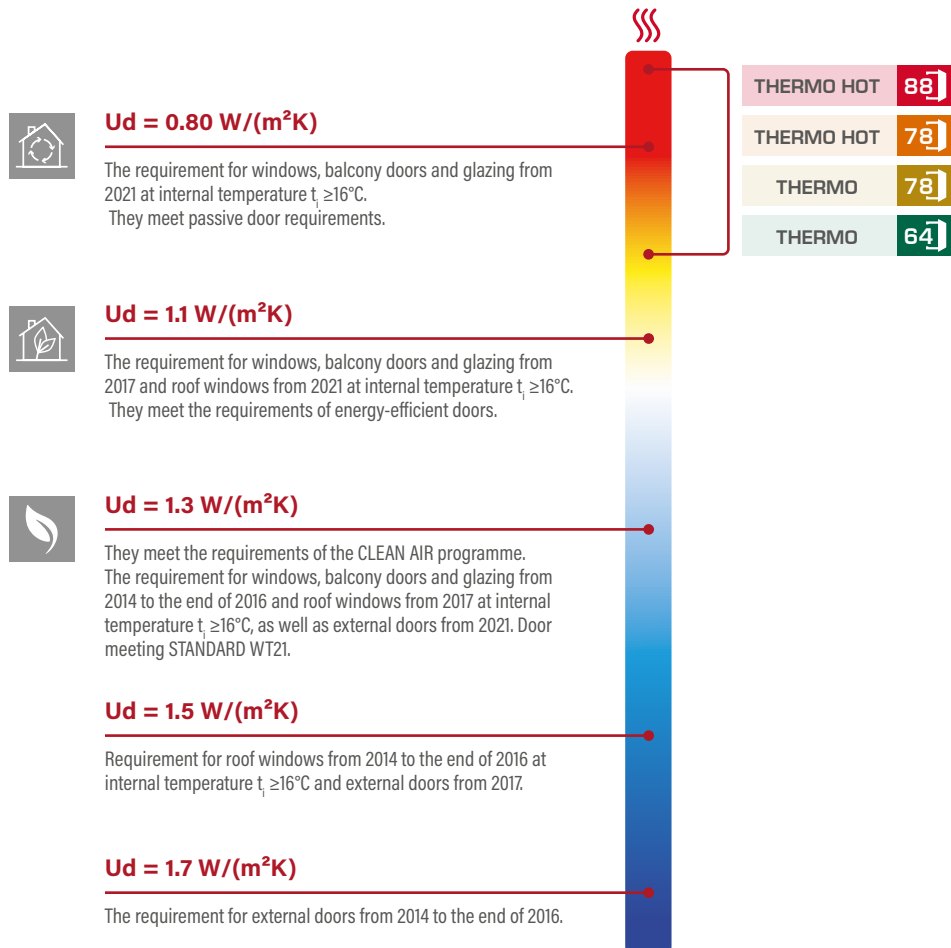
Double-sided embossing width 25 mm, depth 2 mm.



Double-sided embossing width 25 mm with inlay in INOX finish or painted black. The inlay may be placed either on one or on both sides. It is placed in embossing and flush with the leaf (STAMP) or bonded to a flat leaf (LABEL).

# THERMAL TRANSMITTANCE

The lower the penetration rate, the lower the energy loss.



	Frame type	HEAT INSULATION Ud [W/ (m²K) ]	
		FULL DOORS <sup>1)</sup>	DOORS WITH GLAZING <sup>1) 2)</sup>
THERMO HOT 88	ALUMINIUM	0.60	0.67
THERMO HOT 78	ALUMINIUM	0.63	0.71
THERMO 78	STEEL	0.80	0.88
THERMO 78	ALUMINIUM	0.64	0.72
THERMO 64	STEEL	0.88	0.99
THERMO 64	ALUMINIUM	0.77	0.88

<sup>1)</sup> doors opening inwards <sup>2)</sup> test glazing sample 1500 x 150 mm



## NEW HORN 4

Exterior steel door with PLAIN LACOBEL GLASS insert flush with the leaf surface, in a unique matt RAW OAK veneer.

# HORN

## FINISHING OPTIONS



## AVAILABLE DOOR LEAF WIDTHS

### ◀ MADE TO MEASURE ▶

It is possible to make a door of any width and height.  
See details on page 52.

## ADDITIONAL CHARGES

aluminium frame (THERMO 78 and THERMO 64 only)

leaf width "40"

custom width in the range 770-1210 mm (Sc page 52)

higher door up to 2480 mm (dim. Hc page 52)<sup>2)</sup>

lower door up to 1800 mm (dim. Hc page 52)<sup>3)</sup>

bi-colour door: leaf only / leaf + frame set

detailed list of equipment available at an extra charge – see page 55



The designs shown on model in THERMO 64, sash width 40", standard height.

HORN 1, raw oak, PLAIN GLASS  
outwards opening doors  
door bar K35 length 160 cm, aluminium frame,  
standard glazing package

The HORN model in THERMO HOT 88 and THERMO HOT 78 technology  
is not available for the inwards opening door.



HORN 1



HORN 2



LACOBEL BLACK glass insert flush with the leaf surface

HORN 4



LACOBEL BLACK glass insert flush with the leaf surface

HORN 5

NEW

<sup>1)</sup> extra charge <sup>2)</sup> doors with Hc height above 2100 mm – 4 hinges <sup>3)</sup> doors with Hc height below 1984 mm available with one lock only

<sup>4)</sup> the LACOBEL glass panel is always flush on the outer side, with a smooth sash on the inside

# LANGEN

## FINISHING OPTIONS



## AVAILABLE DOOR LEAF WIDTHS

### ◀ MADE TO MEASURE ▶

It is possible to make a door of any width and height.  
See details on page 52.

## ADDITIONAL CHARGES

- aluminium frame (THERMO 78 and THERMO 64 only)
- leaf width "100"
- custom width in the range 770-1210 mm (Sc page 52)
- higher door up to 2480 mm (dim. Hc page 52) <sup>2)</sup>
- lower door up to 1800 mm (dim. Hc page 52) <sup>3)</sup>
- bi-colour door: leaf only / leaf + frame set
- extra charge for embossed models
- detailed list of equipment available at an extra charge – see page 55



The designs shown on model in THERMO 64, sash width 90, standard height.

LANGEN 1, mountain pine, LABEL BLACK  
door bar K35 length 160 cm, aluminium frame,  
standard glazing package

**NEW**



LANGEN 1

LANGEN 2

LANGEN 3

LANGEN 4

LANGEN 5

LANGEN 6

LANGEN 7

LANGEN 8

# TREBUR

## FINISHING OPTIONS



## AVAILABLE DOOR LEAF WIDTHS

### MADE TO MEASURE

It is possible to make a door of any width and height.  
See details on page 52.

## ADDITIONAL CHARGES

- aluminium frame (THERMO 78 and THERMO 64 only)
- leaf width "100"
- custom width in the range 770-1210 mm (Sc page 52)
- higher door up to 2480 mm (dim. Hc page 52)<sup>2)</sup>
- lower door up to 1800 mm (dim. Hc page 52)<sup>3)</sup>
- bi-colour door: leaf only / leaf + frame set
- weather bar for inward opening doors in black or silver anode
- detailed list of equipment available at an extra charge – see page 55

**NEW**



The designs shown on model in THERMO 64, sash width 90, standard height.

TREBUR 10, anthracite structure, LABEL BLACK door bar K35 length 180 cm, aluminium frame, standard glazing package, decorative embossing

**NEW**



TREBUR 1

TREBUR 2

TREBUR 4

TREBUR 7

TREBUR 8

TREBUR 10

<sup>1)</sup> extra charge    <sup>2)</sup> doors with Hc height above 2100 mm – 4 hinges    <sup>3)</sup> doors with Hc height below 1984 mm available with one lock only

# WELS

## FINISHING OPTIONS



## AVAILABLE DOOR LEAF WIDTHS

### MADE TO MEASURE

It is possible to make a door of any width and height.  
See details on page 52.

## ADDITIONAL CHARGES

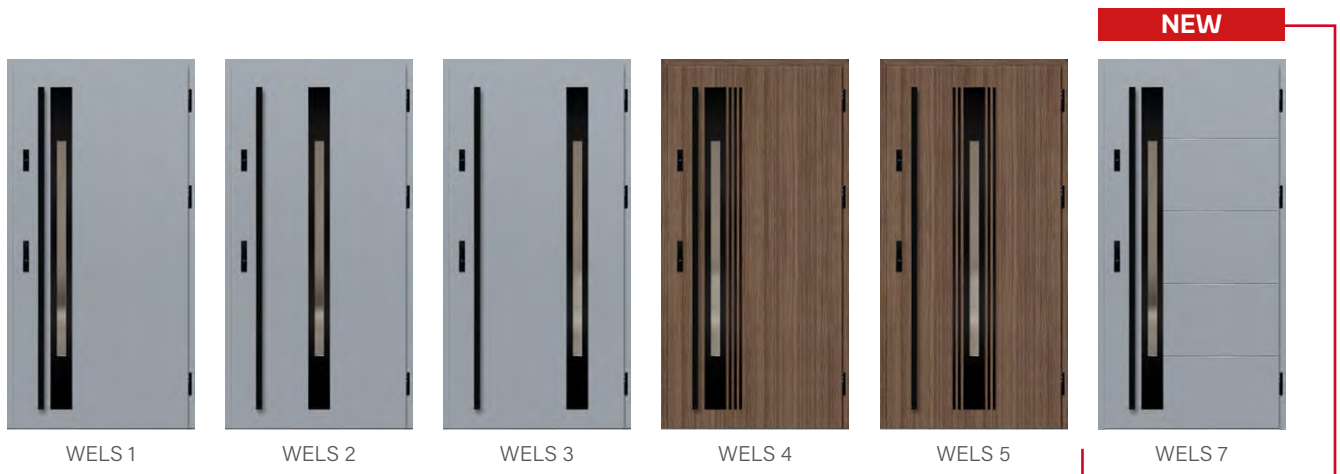
- aluminium frame (THERMO 78 and THERMO 64 only)
- leaf width "100"
- custom width in the range 770-1210 mm (Sc page 52)
- higher door up to 2480 mm (dim. Hc page 52)<sup>2)</sup>
- lower door up to 1800 mm (dim. Hc page 52)<sup>3)</sup>
- bi-colour door: leaf only / leaf + frame set
- weather bar for inward opening doors in black or silver anode
- detailed list of equipment available at an extra charge – see page 55

**NEW**



The designs shown on model in THERMO 64, sash width 90, standard height.

WELS 7, white pine, LABEL BLACK  
door bar K35 length 180 cm, aluminium frame,  
standard glazing package, decorative embossing



WELS 1

WELS 2

WELS 3

WELS 4

WELS 5

WELS 7

<sup>1)</sup> extra charge    <sup>2)</sup> doors with Hc height above 2100 mm – 4 hinges    <sup>3)</sup> doors with Hc height below 1984 mm available with one lock only



# BAZYLEA

## FINISHING OPTIONS



## AVAILABLE DOOR LEAF WIDTHS

### MADE TO MEASURE

It is possible to make a door of any width and height.  
See details on page 52.

## ADDITIONAL CHARGES

- aluminium frame (THERMO 78 and THERMO 64 only)
- leaf width "100"
- custom width in the range 770-1210 mm (Sc page 52)
- higher door up to 2480 mm (dim. Hc page 52)<sup>2)</sup>
- lower door up to 1800 mm (dim. Hc page 52)<sup>3)</sup>
- bi-colour door: leaf only / leaf + frame set
- detailed list of equipment available at an extra charge – see page 55



The designs shown on model in THERMO 64, sash width 90, standard height.

BAZYLEA 5, grey, LABEL BLACK  
door bar K35 length 180 cm, aluminium frame,  
glazing packet Venetian mirror



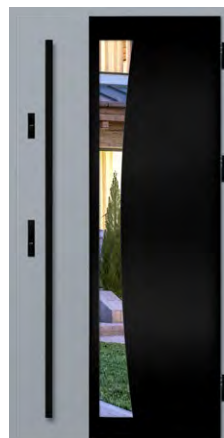
BAZYLEA 1



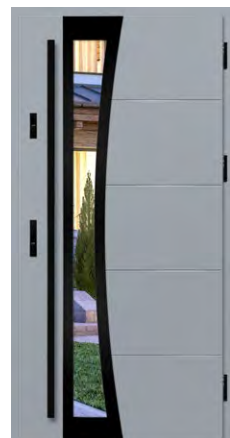
BAZYLEA 2



BAZYLEA 3



BAZYLEA 4



BAZYLEA 5

NEW

<sup>1)</sup> extra charge

<sup>2)</sup> doors with Hc height above 2100 mm – 4 hinges

<sup>3)</sup> doors with Hc height below 1984 mm available with one lock only

# LEIMEN

## FINISHING OPTIONS



## AVAILABLE DOOR LEAF WIDTHS

### MADE TO MEASURE

It is possible to make a door of any width and height.  
See details on page 52.

## ADDITIONAL CHARGES

- aluminium frame (THERMO 78 and THERMO 64 only)
- leaf width "100"
- custom width in the range 770-1210 mm (Sc page 52)
- higher door up to 2480 mm (dim. Hc page 52)<sup>2)</sup>
- lower door up to 1800 mm (dim. Hc page 52)<sup>3)</sup>
- bi-colour door: leaf only / leaf + frame set
- detailed list of equipment available at an extra charge – see page 55

**NEW**



The designs shown on model in THERMO 64, sash width 90, standard height.

LEIMEN 4, anthracite structure, LABEL BLACK door bar K35 length 160 cm, aluminium frame, standard glazing package, decorative embossing

**NEW**



LEIMEN 1      LEIMEN 2      LEIMEN 3      LEIMEN 4      LEIMEN 5

<sup>1)</sup> extra charge    <sup>2)</sup> doors with Hc height above 2100 mm – 4 hinges    <sup>3)</sup> doors with Hc height below 1984 mm available with one lock only

# AMBERG

## FINISHING OPTIONS



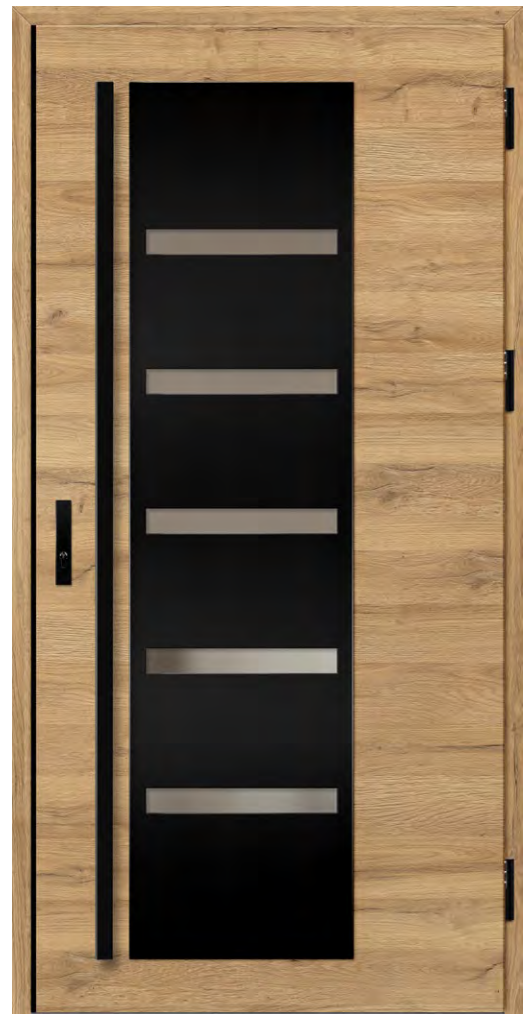
## AVAILABLE DOOR LEAF WIDTHS

### ◀ MADE TO MEASURE ▶

It is possible to make a door of any width and height.  
See details on page 52.

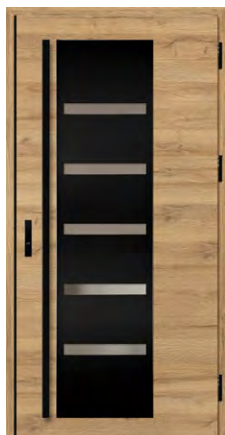
## ADDITIONAL CHARGES

aluminium frame (THERMO 78 and THERMO 64 only)
leaf width "100"
custom width in the range 770-1210 mm (Sc page 52)
higher door up to 2480 mm (dim. Hc page 52) <sup>2)</sup>
lower door up to 1800 mm (dim. Hc page 52) <sup>3)</sup>
bi-colour door: leaf only / leaf + frame set
weather bar for doors opening inwards in black or silver anode
detailed list of equipment available at an extra charge – see page 55

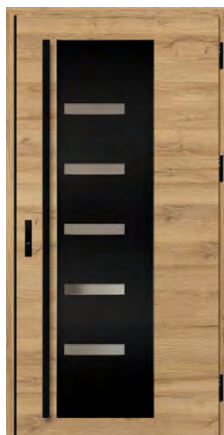


The designs shown on model in THERMO 64, sash width 90, standard height.

AMBERG 1, natural oak, LABEL BLACK  
door bar K35 length 180 cm, aluminium frame,  
standard glazing package



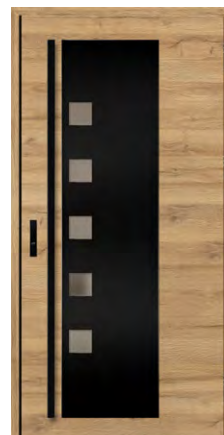
AMBERG 1



AMBERG 2



AMBERG 3



AMBERG 4



4)

<sup>1)</sup> extra charge <sup>2)</sup> doors with Hc height above 2100 mm – 4 hinges <sup>3)</sup> doors with Hc height below 1984 mm available with one lock only

<sup>4)</sup> black decorative angle used as standard only for doors in NATURAL OAK DECOR

# LINDEN

## FINISHING OPTIONS



## AVAILABLE DOOR LEAF WIDTHS

### ◀ MADE TO MEASURE ▶

It is possible to make a door of any width and height.  
See details on page 52.

## ADDITIONAL CHARGES

aluminium frame (THERMO 78 and THERMO 64 only)

leaf width "100"

custom width in the range 770-1210 mm (Sc page 52)

higher door up to 2480 mm (dim. Hc page 52)<sup>2)</sup>

lower door up to 1800 mm (dim. Hc page 52)<sup>3)</sup>

bi-colour door: leaf only / leaf + frame set

weather bar for inward opening doors in black or silver anode

detailed list of equipment available at an extra charge – see page 55



The designs shown on model in THERMO 64, sash width 90, standard height.

LINDEN 1, smooth anthracite, LABEL BLACK  
doors opening inwards, aluminium frame, standard glazing  
unit  
door bar K35 length 180 cm



LINDEN 1



LINDEN 2



LINDEN 3



LINDEN 4



LINDEN 5



LINDEN 6

# MURTER

## FINISHING OPTIONS



## AVAILABLE DOOR LEAF WIDTHS

### ◀ MADE TO MEASURE ▶

It is possible to make a door of any width and height.  
See details on page 52.

## ADDITIONAL CHARGES

aluminium frame (THERMO 78 and THERMO 64 only)

leaf width "100"

custom width in the range 770-1210 mm (Sc page 52)

higher door up to 2480 mm (dim. Hc page 52)<sup>2)</sup>

lower door up to 1800 mm (dim. Hc page 52)<sup>3)</sup>

bi-colour door: leaf only / leaf + frame set

weather bar for inward opening doors in black or silver anode

detailed list of equipment available at an extra charge – see page 55



The designs shown on model in THERMO 64, sash width 90, standard height.

MURTER 1, medium brown oak, LABEL BLACK  
doors opening inwards, aluminium frame,  
standard glazing unit  
door bar K35 length 180 cm



MURTER 1



MURTER 2



MURTER 3



MURTER 4



MURTER 5



MURTER 6

<sup>1)</sup> extra charge <sup>2)</sup> doors with Hc height above 2100 mm – 4 hinges <sup>3)</sup> doors with Hc height below 1984 mm available with one lock only

# KREBEN

## FINISHING OPTIONS



## AVAILABLE DOOR LEAF WIDTHS

### ◀ MADE TO MEASURE ▶

It is possible to make a door of any width and height.  
See details on page 52.

## ADDITIONAL CHARGES

aluminium frame (THERMO 78 and THERMO 64 only)

leaf width "100"

custom width in the range 770-1210 mm (Sc page 52)

higher door up to 2480 mm (dim. Hc page 52)<sup>2)</sup>

lower door up to 1800 mm (dim. Hc page 52)<sup>3)</sup>

bi-colour door: leaf only / leaf + frame set

weather bar for inward opening doors in black or silver anode

detailed list of equipment available at an extra charge – see page 55



The designs shown on model in THERMO 64, sash width 90, standard height.

KREBEN 1, natural oak, LABEL BLACK  
door bar K35 length 180 cm, aluminium frame, standard glazing package



KREBEN 1



KREBEN 2



<sup>1)</sup> extra charge    <sup>2)</sup> doors with Hc height above 2100 mm – 4 hinges    <sup>3)</sup> doors with Hc height below 1984 mm available with one lock only

<sup>4)</sup> black decorative angle used as standard only for doors in NATURAL OAK DECOR

# FRYBURG

## FINISHING OPTIONS



## AVAILABLE DOOR LEAF WIDTHS

### ◀ MADE TO MEASURE ▶

It is possible to make a door of any width and height.  
See details on page 52.

## ADDITIONAL CHARGES

aluminium frame (THERMO 78 and THERMO 64 only)

leaf width "100"

custom width in the range 770-1210 mm (Sc page 52)

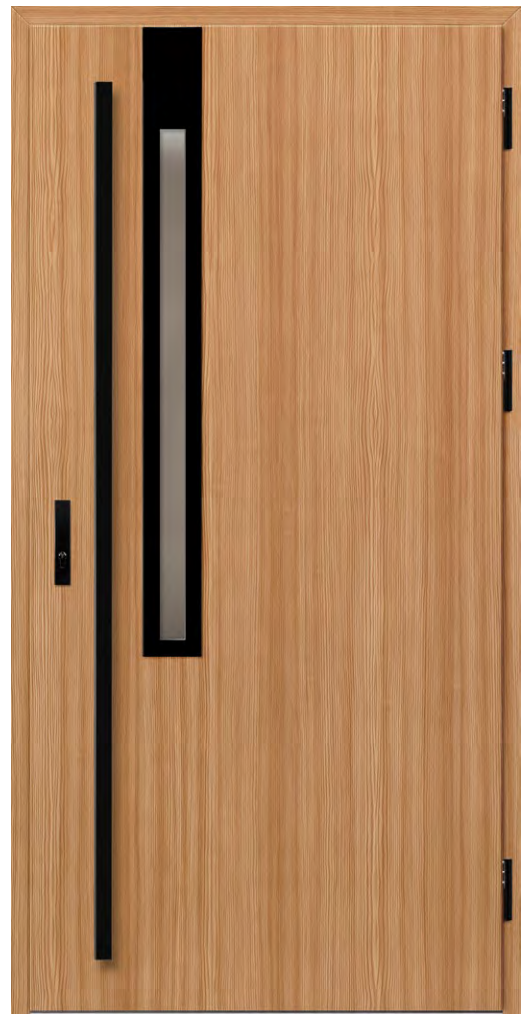
higher door up to 2480 mm (dim. Hc page 52)<sup>2)</sup>

lower door up to 1800 mm (dim. Hc page 52)<sup>3)</sup>

bi-colour door: leaf only / leaf + frame set

weather bar for inward opening doors in black or silver anode

detailed list of equipment available at an extra charge – see page 55



The designs shown on model in THERMO 64, sash width 90, standard height.

FRYBURG 3, mountain pine, LABEL BLACK  
door bar K35 length 180 cm, aluminium frame,  
standard glazing package



<sup>1)</sup> extra charge <sup>2)</sup> doors with Hc height above 2100 mm – 4 hinges <sup>3)</sup> doors with Hc height below 1984 mm available with one lock only

# ROTTERDAM

## FINISHING OPTIONS



## AVAILABLE DOOR LEAF WIDTHS

◀ MADE TO MEASURE ▶

It is possible to make a door of any width and height.  
See details on page 52.

## ADDITIONAL CHARGES

- aluminium frame (THERMO 78 and THERMO 64 only)
- leaf width "100"
- custom width in the range 770-1210 mm (Sc page 52)
- higher door up to 2480 mm (dim. Hc page 52)<sup>2)</sup>
- lower door up to 1800 mm (dim. Hc page 52)<sup>3)</sup>
- bi-colour door: leaf only / leaf + frame set
- weather bar for inward opening doors in black or silver anode
- detailed list of equipment available at an extra charge – see page 55



The designs shown on model in THERMO 64, sash width 90, standard height.

ROTTERDAM 4, grey, LABEL BLACK  
PASA handle, aluminium frame, glass package P4 reflex grey



ROTTERDAM 1<sup>4)</sup>

ROTTERDAM 2<sup>4)</sup>

ROTTERDAM 3<sup>5)</sup>

ROTTERDAM 4<sup>5)</sup>

<sup>1)</sup> extra charge    <sup>2)</sup> doors with Hc height above 2100 mm – 4 hinges    <sup>3)</sup> doors with Hc height below 1984 mm available with one lock only

<sup>4)</sup> model 1, 2 available from width Sc = 1000 mm    <sup>5)</sup> P4 glass is required for ROTTERDAM 3, 4 The width of the frames in model 1, 2 – 35 mm, in model 3, 4 – 50 mm. Mesh width in model 2, 4 – 30 mm.



# EBERN

## FINISHING OPTIONS



## AVAILABLE DOOR LEAF WIDTHS

### MADE TO MEASURE

It is possible to make a door of any width and height.  
See details on page 52.

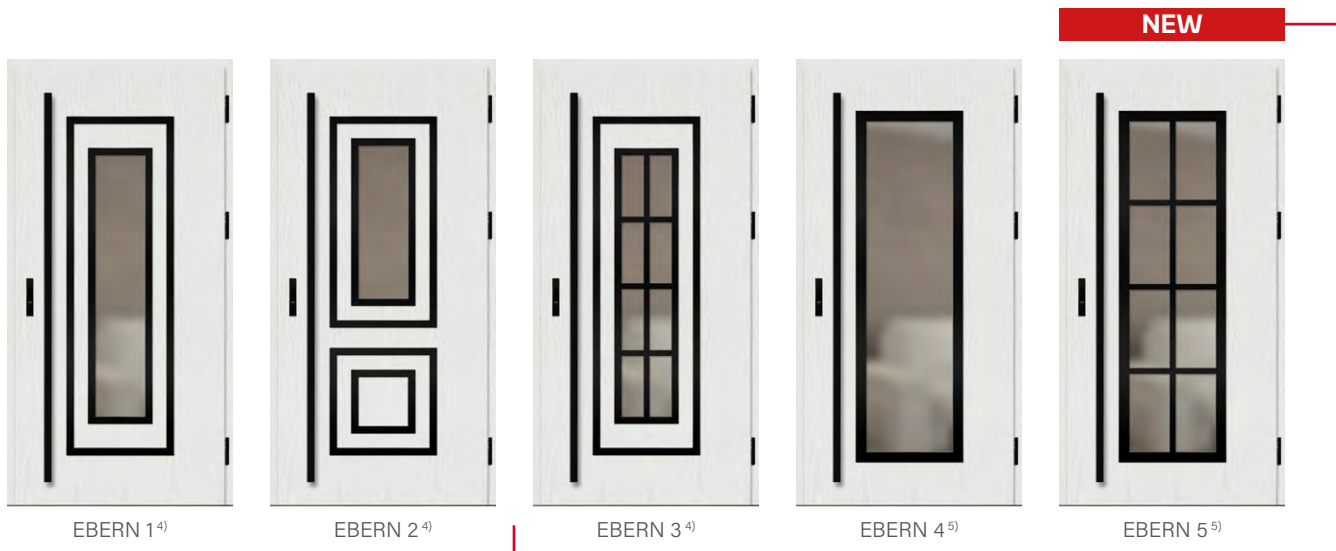
## ADDITIONAL CHARGES

- aluminium frame (THERMO 78 and THERMO 64 only)
- leaf width "100"
- custom width in the range 770-1210 mm (Sc page 52)
- higher door up to 2480 mm (dim. Hc page 52)<sup>2)</sup>
- lower door up to 1800 mm (dim. Hc page 52)<sup>3)</sup>
- bi-colour door: leaf only / leaf + frame set
- weather bar for inward opening doors in black or silver anode
- detailed list of equipment available at an extra charge – see page 55



The designs shown on model in THERMO 64, sash width 90, standard height.

EBERN 1, white pine, LABEL BLACK  
door bar K35 length 180 cm, aluminium frame,  
standard glazing package



<sup>1)</sup> extra charge    <sup>2)</sup> doors with Hc height above 2100 mm – 4 hinges    <sup>3)</sup> doors with Hc height below 1984 mm available with one lock only  
<sup>4)</sup> model 1, 2, 3 available from width Sc = 1000 mm    <sup>5)</sup> P4 glass is required for EBERN 4, 5 Frame width for model 1, 2, 3 – 35 mm, for model 3, 4 – 50 mm.  
Mesh width in model 3, 5 – 30 mm.

# WIENER

## FINISHING OPTIONS



## AVAILABLE DOOR LEAF WIDTHS

◀ MADE TO MEASURE ▶

It is possible to make a door of any width and height.  
See details on page 52.

## ADDITIONAL CHARGES

- aluminium frame (THERMO 78 and THERMO 64 only)
- leaf width "100"
- custom width in the range 770-1210 mm (Sc page 52)
- higher door up to 2480 mm (dim. Hc page 52) <sup>2)</sup>
- lower door up to 1800 mm (dim. Hc page 52) <sup>3)</sup>
- bi-colour door: leaf only / leaf + frame set
- extra charge for LABEL DIAMOND GLASS finish
- detailed list of equipment available at an extra charge – see page 55



The designs shown on model in THERMO 64, sash width 90, standard height.

WIENER 1, white pine, LABEL BLACK  
door bar K35 length 150 cm, aluminium frame,  
standard glazing package



WIENER 1

WIENER 2

WIENER 3

# SION

## FINISHING OPTIONS



## AVAILABLE DOOR LEAF WIDTHS

### ◀ MADE TO MEASURE ▶

It is possible to make a door of any width and height.  
See details on page 52.

## ADDITIONAL CHARGES

aluminium frame (THERMO 78 and THERMO 64 only)

leaf width "100"

custom width in the range 770-1210 mm (Sc page 52)

higher door up to 2480 mm (dim. Hc page 52)<sup>2)</sup>

lower door up to 1800 mm (dim. Hc page 52)<sup>3)</sup>

bi-colour door: leaf only / leaf + frame set

weather bar for inward opening doors in black or silver anode

detailed list of equipment available at an extra charge – see page 55



The designs shown on model in THERMO 64, sash width 90, standard height.

SION 1, natural oak, LABEL DIAMOND GLASS door bar K35 length 180 cm, aluminium frame, standard glazing package



SION 1



SION 2



4)

<sup>1)</sup> extra charge <sup>2)</sup> doors with Hc height above 2100 mm – 4 hinges <sup>3)</sup> doors with Hc height below 1984 mm available with one lock only

<sup>4)</sup> black decorative angle used as standard only for doors in NATURAL OAK DECOR

# SINGEN

## FINISHING OPTIONS



## AVAILABLE DOOR LEAF WIDTHS

### MADE TO MEASURE

It is possible to make a door of any width and height.  
See details on page 52.

## ADDITIONAL CHARGES

- aluminium frame (THERMO 78 and THERMO 64 only)
- leaf width "100"
- custom width in the range 770-1210 mm (Sc page 52)
- higher door up to 2480 mm (dim. Hc page 52)<sup>2)</sup>
- lower door up to 1800 mm (dim. Hc page 52)<sup>3)</sup>
- bi-colour door: leaf only / leaf + frame set
- detailed list of equipment available at an extra charge – see page 55

**NEW**



The designs shown on model in THERMO 64, sash width 90, standard height.

SINGEN 6, anthracite structure, LABEL BLACK door bar K35 length 180 cm, aluminium frame, grey reflex pane package, decorative embossing

**NEW**



SINGEN 1

SINGEN 2

SINGEN 3

SINGEN 4

SINGEN 5

SINGEN 6

# SELTERS

## FINISHING OPTIONS



## AVAILABLE DOOR LEAF WIDTHS

### MADE TO MEASURE

It is possible to make a door of any width and height.  
See details on page 52.

## ADDITIONAL CHARGES

- aluminium frame (THERMO 78 and THERMO 64 only)
- leaf width "100"
- custom width in the range 770-1210 mm (Sc page 52)
- higher door up to 2480 mm (dim. Hc page 52) <sup>2)</sup>
- lower door up to 1800 mm (dim. Hc page 52) <sup>3)</sup>
- bi-colour door: leaf only / leaf + frame set
- detailed list of equipment available at an extra charge – see page 55

**NEW**



The designs shown on model in THERMO 64, sash width 90, standard height.

SELTERS 7, golden oak, LABEL BLACK  
door bar K35 length 180 cm, aluminium frame,  
standard glazing package, decorative embossing

**NEW**



SELTERS 1

SELTERS 2

SELTERS 3

SELTERS 4

SELTERS 5

SELTERS 6

SELTERS 7

<sup>1)</sup> extra charge <sup>2)</sup> doors with Hc height above 2100 mm – 4 hinges <sup>3)</sup> doors with Hc height below 1984 mm available with one lock only

# SAMEDAN

## FINISHING OPTIONS



## AVAILABLE DOOR LEAF WIDTHS

### ◀ MADE TO MEASURE ▶

It is possible to make a door of any width and height.  
See details on page 52.

## ADDITIONAL CHARGES

- aluminium frame (THERMO 78 and THERMO 64 only)
- leaf width "100"
- custom width in the range 770-1210 mm (Sc page 52)
- higher door up to 2480 mm (dim. Hc page 52) <sup>2)</sup>
- lower door up to 1800 mm (dim. Hc page 52) <sup>3)</sup>
- bi-colour door: leaf only / leaf + frame set
- weather bar for inward opening doors in black or silver anodised (not applicable to models 3 and 4)
- detailed list of equipment available at an extra charge – see page 55



The designs shown on model in THERMO 64, sash width 90, standard height.

SAMEDAN 2, white pine, LABEL BLACK  
door bar K35 length 180 cm, aluminium frame,  
standard glazing package



SAMEDAN 1

SAMEDAN 2

SAMEDAN 3

SAMEDAN 4

SAMEDAN 5

<sup>1)</sup> extra charge    <sup>2)</sup> doors with Hc height above 2100 mm – 4 hinges    <sup>3)</sup> doors with Hc height below 1984 mm available with one lock only

# RODING

## FINISHING OPTIONS



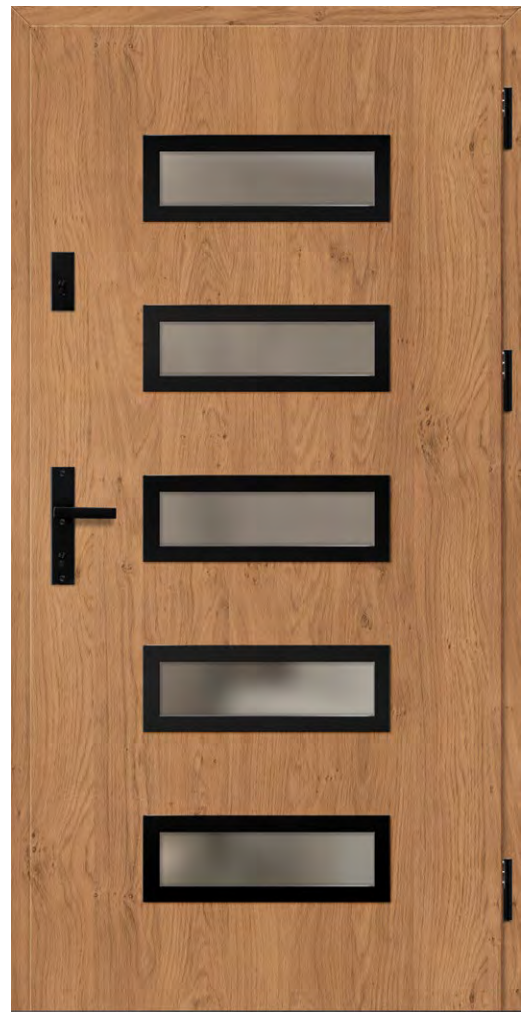
## AVAILABLE DOOR LEAF WIDTHS

### ◀ MADE TO MEASURE ▶

It is possible to make a door of any width and height.  
See details on page 52.

## ADDITIONAL CHARGES

- aluminium frame (THERMO 78 and THERMO 64 only)
- leaf width "100"
- custom width in the range 770-1210 mm (Sc page 52)
- higher door up to 2480 mm (dim. Hc page 52)<sup>2)</sup>
- lower door up to 1800 mm (dim. Hc page 52)<sup>3)</sup>
- bi-colour door: leaf only / leaf + frame set
- weather bar for doors opening inwards in black or silver anode
- detailed list of equipment available at an extra charge – see page 55



The designs shown on model in THERMO 64, sash width 90, standard height.

RODING 1, winchester, LABEL BLACK  
PASA handle, aluminium frame, standard glazing package



RODING 1



RODING 2

<sup>1)</sup> extra charge    <sup>2)</sup> doors with Hc height above 2100 mm – 4 hinges    <sup>3)</sup> doors with Hc height below 1984 mm available with one lock only

# MELK

## FINISHING OPTIONS



## AVAILABLE DOOR LEAF WIDTHS

### ◀ MADE TO MEASURE ▶

It is possible to make a door of any width and height.  
See details on page 52.

## ADDITIONAL CHARGES

aluminium frame (THERMO 78 and THERMO 64 only)

leaf width "100"

custom width in the range 770-1210 mm (Sc page 52)

higher door up to 2480 mm (dim. Hc page 52)<sup>2)</sup>

lower door up to 1800 mm (dim. Hc page 52)<sup>3)</sup>

bi-colour door: leaf only / leaf + frame set

weather bar for inward opening doors in black or silver anode

detailed list of equipment available at an extra charge – see page 55



The designs shown on model in THERMO 64, sash width 90, standard height.

MELK 2, black, LABEL INOX  
door bar K35 length 180 cm, aluminium frame,  
standard glazing package



MELK 1



MELK 2



# LUCERNA

## FINISHING OPTIONS



## AVAILABLE DOOR LEAF WIDTHS

### ◀ MADE TO MEASURE ▶

It is possible to make a door of any width and height.  
See details on page 52.

## ADDITIONAL CHARGES

aluminium frame (THERMO 78 and THERMO 64 only)

leaf width "100"

custom width in the range 770-1210 mm (Sc page 52)

higher door up to 2480 mm (dim. Hc page 52)<sup>2)</sup>

lower door up to 1800 mm (dim. Hc page 52)<sup>3)</sup>

bi-colour door: leaf only / leaf + frame set

weather bar for inward opening doors in black or silver anode

detailed list of equipment available at an extra charge – see page 55



The designs shown on model in THERMO 64, sash width 90, standard height.

LUCERNA 1, grey, LABEL BLACK  
door bar K35 length 180 cm, aluminium frame,  
standard glazing package



LUCERNA 1



LUCERNA 2

<sup>1)</sup> extra charge   <sup>2)</sup> doors with Hc height above 2100 mm – 4 hinges   <sup>3)</sup> doors with Hc height below 1984 mm available with one lock only

# LEOBEN

## FINISHING OPTIONS



## AVAILABLE DOOR LEAF WIDTHS

### MADE TO MEASURE

It is possible to make a door of any width and height.  
See details on page 52.

## ADDITIONAL CHARGES

aluminium frame (THERMO 78 and THERMO 64 only)

leaf width "100"

custom width in the range 770-1210 mm (Sc page 52)

higher door up to 2480 mm (dim. Hc page 52)<sup>2)</sup>

lower door up to 1800 mm (dim. Hc page 52)<sup>3)</sup>

bi-colour door: leaf only / leaf + frame set

weather bar for inward opening doors in black or silver anode

detailed list of equipment available at an extra charge – see page 55

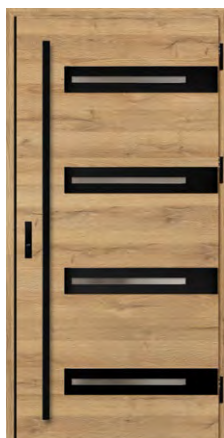


The designs shown on model in THERMO 64, sash width 90, standard height.

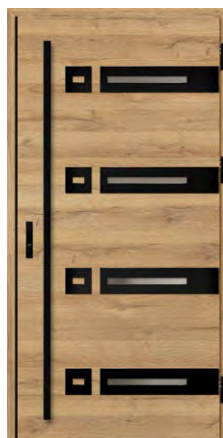
LEOBEN 1, natural oak, LABEL BLACK  
door bar K35 length 180 cm, aluminium frame,  
standard glazing package



LEOBEN 1



LEOBEN 2



LEOBEN 3



LEOBEN 4



4)

<sup>1)</sup> extra charge <sup>2)</sup> doors with Hc height above 2100 mm – 4 hinges <sup>3)</sup> doors with Hc height below 1984 mm available with one lock only

<sup>4)</sup> black decorative angle used as standard only for doors in NATURAL OAK DECOR

# BIENE

## FINISHING OPTIONS



## AVAILABLE DOOR LEAF WIDTHS

### MADE TO MEASURE

It is possible to make a door of any width and height (the change of height does not apply to the BIENE 1 design). See details on page 52.

The BIENE 1 model in THERMO HOT on the frame side (rim side of the sash) looks like BIENE 2.

## ADDITIONAL CHARGES

aluminium frame (THERMO 78 and THERMO 64 only)

leaf width "100"

custom width in the range 770-1210 mm<sup>6)</sup> (Sc page 52)

higher door up to 2480 mm (dim. Hc on page 52)<sup>2) 3)</sup>

lower door up to 1800 mm (dim. Hc page 52)<sup>4)</sup>

bi-colour door: leaf only / leaf + frame set

wide-angle peephole, silver or black

weather bar for inward opening doors in black or silver anode

detailed list of equipment available at an extra charge – see page 55



The designs shown on model in THERMO 64, sash width 90, standard height.

BIENE 1, natural transverse oak, STAMP BLACK door bar K35 length 180 cm, aluminium frame



BIENE 1



BIENE 2



BIENE 3



BIENE 4



5)

<sup>1)</sup> for extra charge <sup>2)</sup> not available for BIENE 1 model <sup>3)</sup> doors with Hc higher than 2100 mm - 4 hinges <sup>4)</sup> doors with Hc lower than 1984 mm available only with one lock

<sup>5)</sup> black decorative angle used as standard only for doors in NATURAL OAK DECOR <sup>6)</sup> the maximum available width for the BIENE 1 model is: os. steel. 1156 mm, os. alu. 1178 mm

# LUTTER

## FINISHING OPTIONS



## AVAILABLE DOOR LEAF WIDTHS

### ◀ MADE TO MEASURE ▶

It is possible to make a door of any width and height (the change of height does not apply to the LUTTER 1 design). See details on page 52.  
The LUTTER 1 model in THERMO HOT on the frame side (rim side of the sash) looks like LUTTER 2.

## ADDITIONAL CHARGES

aluminium frame (THERMO 78 and THERMO 64 only)

leaf width "100"

custom width in the range 770-1210 mm<sup>5)</sup> (Sc page 52)

higher door up to 2480 mm (dim. Hc on page 52)<sup>2) 3)</sup>

lower door up to 1800 mm (dim. Hc page 52)<sup>4)</sup>

bi-colour door: leaf only / leaf + frame set

wide-angle peephole, silver or black

weather bar for inward opening doors in black or silver anode

detailed list of equipment available at an extra charge – see page 55



The designs shown on model in THERMO 64, sash width 90, standard height.

LUTTER 1, smooth anthracite, STAMP ROLLER  
door bar K35 length 180 cm, aluminium frame



LUTTER 1



LUTTER 2



LUTTER 3



LUTTER 4

# KELLA

## FINISHING OPTIONS



## AVAILABLE DOOR LEAF WIDTHS

### MADE TO MEASURE

It is possible to make a door of any width and height.  
See details on page 52.

## ADDITIONAL CHARGES

aluminium frame (THERMO 78 and THERMO 64 only)

leaf width "100"

custom width in the range 770-1210 mm (Sc page 52)

higher door up to 2480 mm (dim. Hc page 52)<sup>2)</sup>

lower door up to 1800 mm (dim. Hc page 52)<sup>3)</sup>

bi-colour door: leaf only / leaf + frame set

wide-angle peephole, silver or black

weather bar for inward opening doors in black or silver anode

detailed list of equipment available at an extra charge – see page 55



The designs shown on model in THERMO 64, sash width 90, standard height.

KELLA 1, swamp oak, STAMP  
door bar K35 length 180 cm, aluminium frame



KELLA 1

KELLA 2

KELLA 3

KELLA 4

<sup>1)</sup> extra charge <sup>2)</sup> doors with Hc height above 2100 mm – 4 hinges <sup>3)</sup> doors with Hc height below 1984 mm available with one lock only

# SOLID

## FINISHING OPTIONS



## AVAILABLE DOOR LEAF WIDTHS

◀ MADE TO MEASURE ▶

It is possible to make a door of any width and height.  
See details on page 52.

## ADDITIONAL CHARGES

aluminium frame (THERMO 78 and THERMO 64 only)

leaf width "100"

custom width in the range 770-1210 mm (Sc page 52)

higher door up to 2480 mm (dim. Hc page 52)<sup>2)</sup>

lower door up to 1800 mm (dim. Hc page 52)<sup>3)</sup>

bi-colour door: leaf only / leaf + frame set

wide-angle peephole, silver or black

weather bar for inward opening doors in black or silver anode

detailed list of equipment available at an extra charge – see page 55



The designs shown on model in THERMO 64, sash width 90, standard height.

SOLID, walnut  
PASA handle, aluminium frame



SOLID



SOLID



SOLID



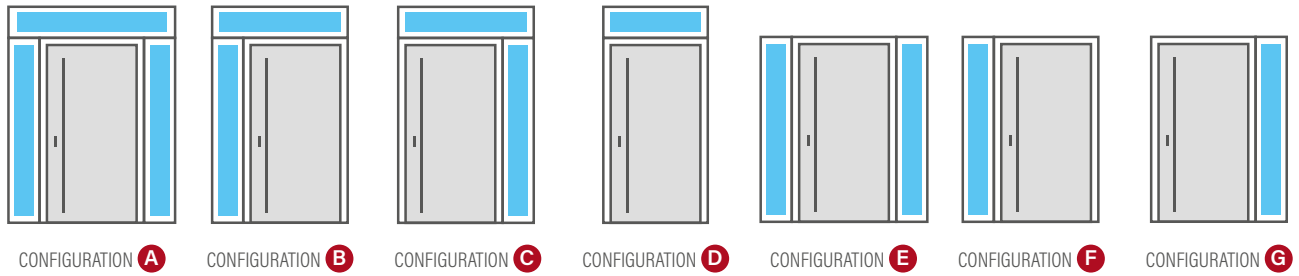
## NEW FRYBURG 4

External steel door in LABEL BLACK finish,  
in MOUNTAIN PINE veneer with a matt surface.

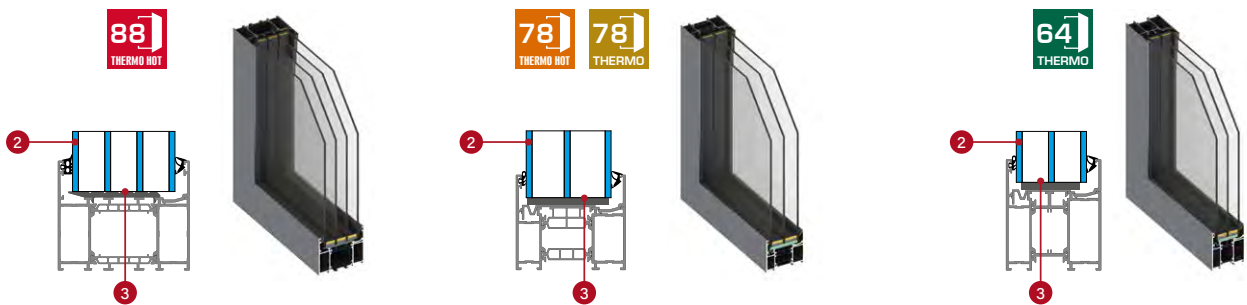
# TOP AND SIDE LIGHTS

- top and side lights are manufactured as standard and in custom sizes, and are available only for doors made with an aluminium frame
- side and top lights require disassembly of glass during installation
- extra charge for P4 glass
- extra charge for one-way mirror glass
- extra charge for custom light at a dimensional angle
- extra charge for two-colour light

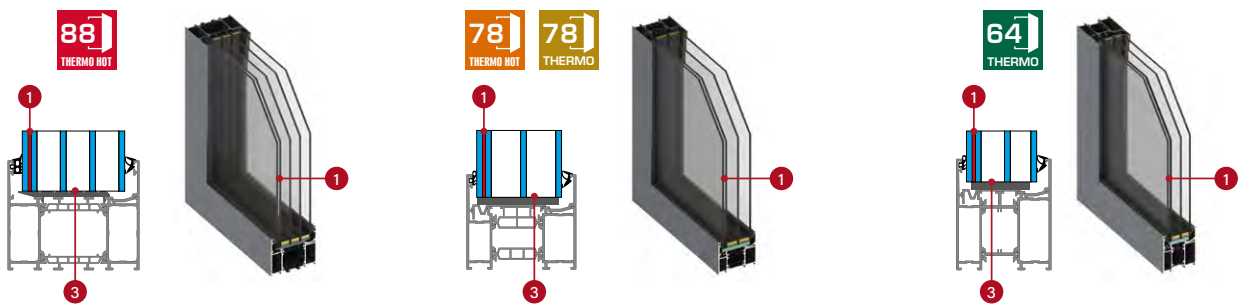
## AVAILABLE CONFIGURATIONS



## GLAZING UNITS - STANDARD GLASS

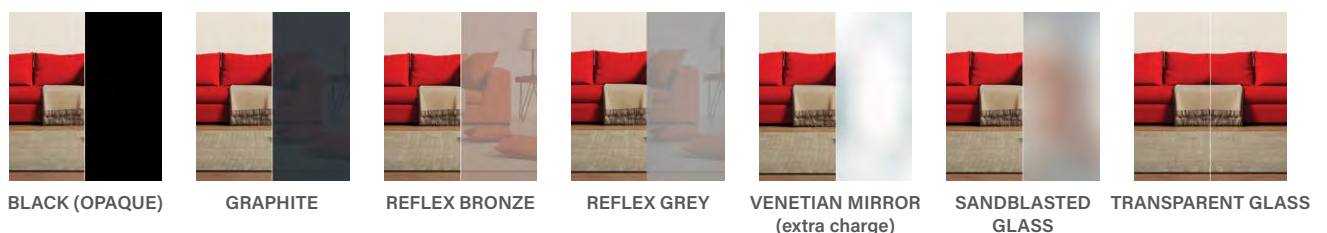


## GLAZING UNITS - P4 BURGLAR-PROOF GLASS (extra charge)



- 1** laminated burglar-proof glass P4
- 2** glass
- 3** insulation spacer bars, black

## GLAZING UNITS - TYPES OF GLAZING







## THERMO HOT 88

### THERMO HOT 88 TOP LIGHT

Height [mm]	Width [mm]																		
	987 (80)	1087 (90)	1187 (100)	1287	1387	1487	1587	1687	1787	1887	1987	2087	2187	2287	2387	2487	2587	2687	
200																			
300																			
400																			
500																			

### STANDARD AND HIGHER SIDE LIGHTS FOR THERMO 88

Height [mm]	Width [mm]						
	200	300	400	500	600	700	800
2104 [standard THERMO HOT 88]							
2200							
2300							
2400							



## THERMO HOT 78



## THERMO 78

### THERMO 78/THERMO HOT 78 TOP LIGHTS

Height [mm]	Width THERMO 78 [mm]																		
	962 (80)	1062 (90)	1162 (100)	1262	1362	1462	1562	1662	1762	1862	1962	2062	2162	2262	2362	2462	2562	2662	
	Width THERMO HOT 78 [mm]																		
	977 (80)	1077 (90)	1177 (100)	1277	1377	1477	1577	1677	1777	1877	1977	2077	2177	2277	2377	2477	2577	2677	
200																			
300																			
400																			
500																			

### STANDARD AND HIGHER SIDE LIGHTS FOR THERMO 78/THERMO HOT 78

Height [mm]	Width [mm]						
	200	300	400	500	600	700	800
2086 [standard THERMO 78]							
2104 [standard THERMO HOT 78]							
2200							
2300							
2400							



## THERMO 64

### THERMO 64 TOP LIGHTS

Height [mm]	Width [mm]																		
	948 (80)	1048 (90)	1148 (100)	1248	1348	1448	1548	1648	1748	1848	1948	2048	2148	2248	2348	2448	2548	2648	
200																			
300																			
400																			
500																			

### STANDARD AND HIGHER SIDE LIGHTS FOR THERMO 64

Height [mm]	Width [mm]						
	200	300	400	500	600	700	800
2086 (standard THERMO 64)							
2200							
2300							
2400							

The width and height of lights is the dimension calculated outside the frame.

# TECHNICAL INFORMATION

## DISTANCE OF PANELS OR EMBOSSING FROM THE LEAF EDGE DEPENDING ON THE SIDE AND MODEL

MODEL	REBATE SIDE		GROOVE SIDE	
	Distance from upper door edge	Distance from side door edge	Distance from upper door edge	Distance from side door edge
HORN 1, 2, 4, 5	up to 9mm	-	15 mm	-
LANGEN 1, 3, 4, 5, 6, 8	up to 2mm	-	15 mm	-
LANGEN 2, 7	up to 2mm	up to 2mm	15 mm	15 mm
BAZYLEA 1, 3, 5	up to 2mm	-	15 mm	-
BAZYLEA 1, 3, 5	up to 2mm	up to 2mm	15 mm	15 mm
LEIMEN 1, 2, 4	up to 2mm	-	15 mm	-
LEIMEN 3, 5	up to 2mm	up to 2mm	15 mm	15 mm
WIENER 1 - 3	up to 2mm	-	15 mm	-
SINGEN 1 - 6	up to 2mm	-	15 mm	-
SELTERS 1 - 7	up to 2mm	-	15 mm	-
SAMEDAN 3, 4	up to 2mm	-	15 mm	-
SAMEDAN 5	-	up to 2mm	-	15 mm
RODING 2	-	up to 2mm	-	15 mm
FRYBURG 3, 4	up to 2mm	-	15 mm	-
MELK 1, 2	-	up to 2mm	-	15 mm
LUCERNA 1	-	up to 2mm	-	15 mm
LEOBEN 1 - 4	-	up to 2mm	-	15 mm
BIENE 1 (THERMO)	-	up to 9mm	-	up to 9mm
BIENE 1 (THERMO HOT)	-	up to 9mm	-	100 mm
BIENE 2	-	100 mm	-	100 mm
LUTTER 1 (THERMO)	-	up to 9mm	-	up to 9mm
LUTTER 1 (THERMO HOT)	-	up to 9mm	-	100 mm
LUTTER 2	-	100 mm	-	100 mm
KELLA 1 - 4	up to 9mm	up to 9mm	up to 9mm	up to 9mm

## TOP AND SIDE LIGHTS

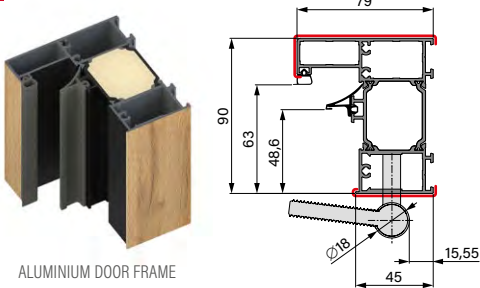


# TECHNICAL INFORMATION

## DOOR FRAMES

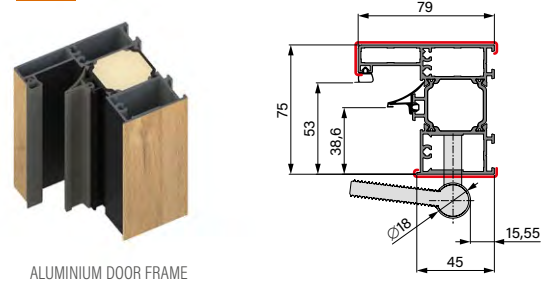
Veneer in the chosen door colour

### 88 THERMO HOT 88



ALUMINIUM DOOR FRAME

### 78 THERMO HOT 78

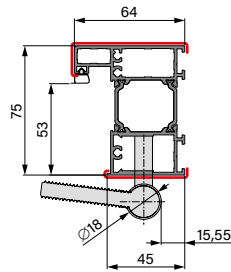


ALUMINIUM DOOR FRAME

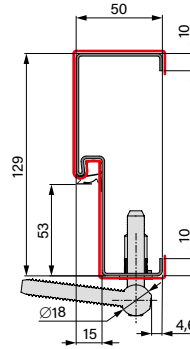
### 78 THERMO 78



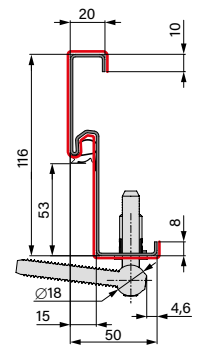
ALUMINIUM DOOR FRAME



STEEL DOOR FRAME



STEEL DOOR FRAME

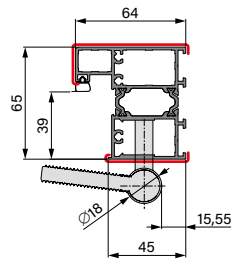


CORNER STEEL FRAME

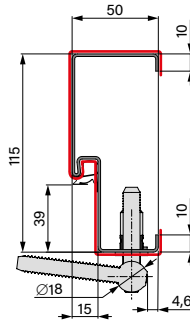
### 64 THERMO 64



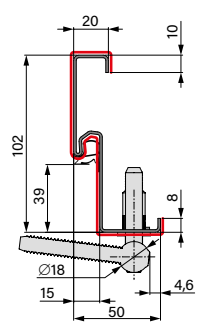
ALUMINIUM DOOR FRAME



STEEL DOOR FRAME



STEEL DOOR FRAME



CORNER STEEL FRAME

## DOOR FRAME EXTENSIONS

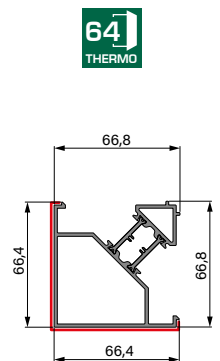
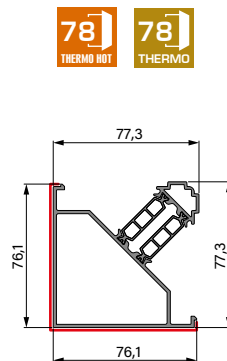
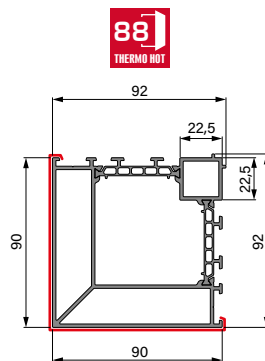
## ALUMINIUM ANGLE PROFILE



Top or side widening 30 mm available for THERMO HOT 88 design

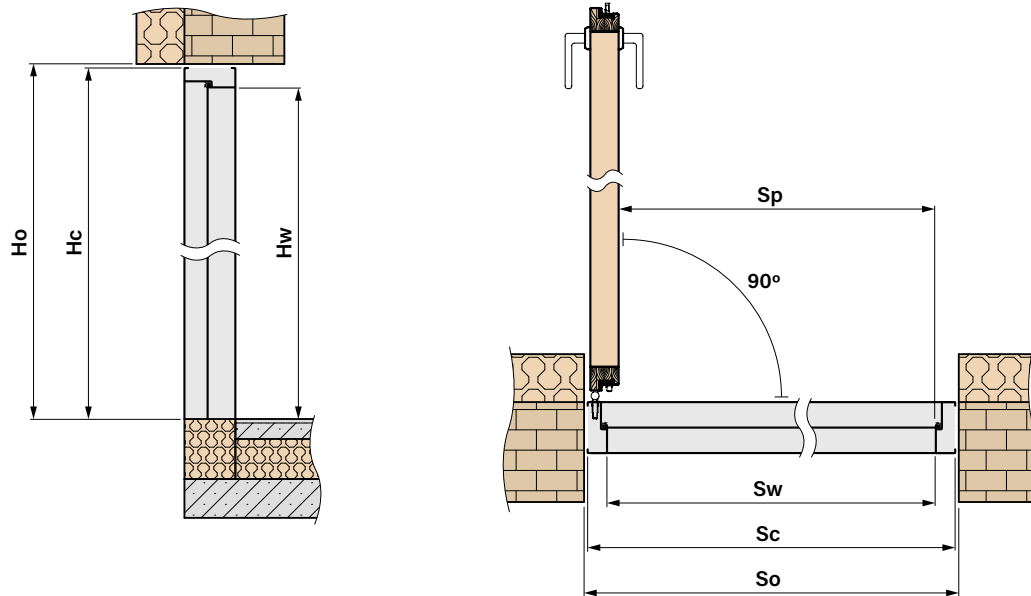


Top or side widening 28 mm available for THERMO HOT 78, THERMO 78 and THERMO 64 designs



Corner profiles for connecting fanlight to frame at 90 degrees

# TECHNICAL INFORMATION



## INDIVIDUAL DOOR DIMENSIONS WITH DOOR FRAME



AVAILABLE WIDE Sc [mm]	
range from	<b>770 mm</b> up to <b>1210 mm</b> every 10 mm <sup>1)</sup>



AVAILABLE HEIGHT Hc [mm]	
range from	<b>1800 mm</b> up to <b>2480 mm</b> every 10 mm <sup>1)</sup>

<sup>1)</sup>We rely on the standard dimension Sc and Hc for a given technology and reduce or increase this dimension by 10 mm. The final dimension must be within the specified width and height ranges.

## BASIC DOOR DIMENSIONS



### THERMO HOT 88

ALUMINIUM DOOR FRAME							
Width	Wall opening width	Wall opening height	Overall frame width	Overall frame height	Clear opening	Height at the frame	Frame opening
	So	Ho	Sc	Hc	Sp	Hw	Sw
80N	957	2114	937	2104	756	2002	779
80	1007	2114	987	2104	806	2002	829
90N	1057	2114	1037	2104	856	2002	879
90	1107	2114	1087	2104	906	2002	929
100	1207	2114	1187	2104	1006	2002	1029



### THERMO HOT 78

ALUMINIUM DOOR FRAME							
Width	Wall opening width	Wall opening height	Overall frame width	Overall frame height	Clear opening	Height at the frame	Frame opening
	So	Ho	Sc	Hc	Sp	Hw	Sw
80N	947	2114	927	2104	756	2002	769
80	997	2114	977	2104	806	2002	819
90N	1047	2114	1027	2104	856	2002	869
90	1097	2114	1077	2104	906	2002	919
100	1197	2114	1177	2104	1006	2002	1019



## THERMO 78

ALUMINIUM DOOR FRAME							
Width	Wall opening width	Wall opening height	Overall frame width	Overall frame height	Clear opening	Height at the frame	Frame opening
	So	Ho	Sc	Hc	Sp	Hw	Sw
80N	932	2099	912	2086	756	2002	784
80	982	2099	962	2086	806	2002	834
90N	1032	2099	1012	2086	856	2002	884
90	1082	2099	1062	2086	906	2002	934
100	1182	2099	1162	2086	1006	2002	1034

STEEL DOOR FRAME							
Width	Wall opening width	Wall opening height	Overall frame width	Overall frame height	Clear opening	Height at the frame	Frame opening
	So	Ho	Sc	Hc	Sp	Hw	Sw
80N	906	2088	890	2078	759	2005	789
80	956	2088	940	2078	809	2005	839
90N	1006	2088	990	2078	859	2005	889
90	1056	2088	1040	2078	909	2005	939
100	1156	2088	1140	2078	1009	2005	1039

CORNER STEEL FRAME							
Width	Wall opening width	Wall opening height	Overall frame width	Overall frame height	Clear opening	Height at the frame	Frame opening
	So	Ho	Sc	Hc	Sp	Hw	Sw
80N	844	2058	890	2078	859	2005	789
80	894	2058	940	2078	809	2005	839
90N	944	2058	990	2078	859	2005	889
90	994	2058	1040	2078	909	2005	939
100	1094	2058	1140	2078	1009	2005	1039



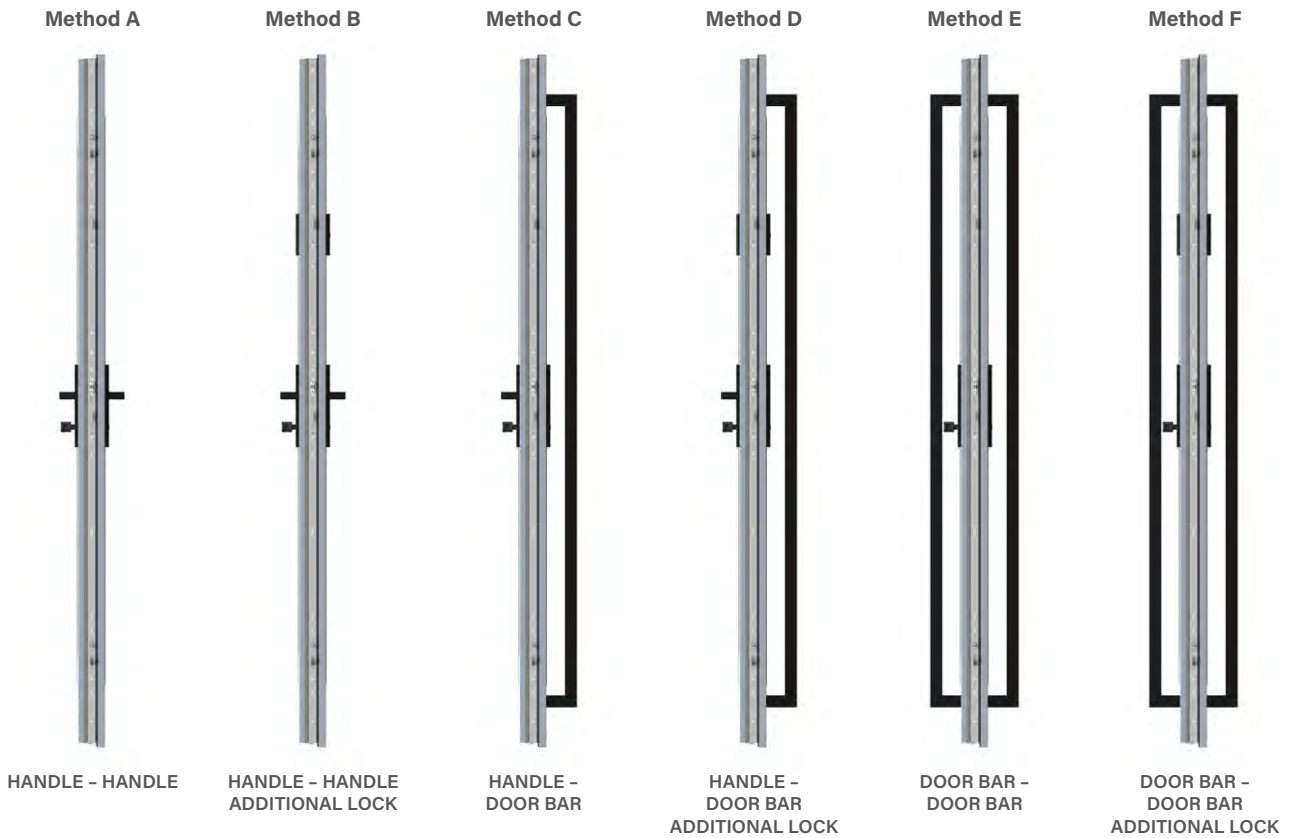
## THERMO 64

ALUMINIUM DOOR FRAME							
Width	Wall opening width	Wall opening height	Overall frame width	Overall frame height	Clear opening	Height at the frame	Frame opening
	So	Ho	Sc	Hc	Sp	Hw	Sw
80N	918	2099	898	2086	756	2002	770
80	968	2099	948	2086	806	2002	820
90N	1018	2099	998	2086	856	2002	870
90	1068	2099	1048	2086	906	2002	920
100	1168	2099	1148	2086	1006	2002	1020

STEEL DOOR FRAME							
Width	Wall opening width	Wall opening height	Overall frame width	Overall frame height	Clear opening	Height at the frame	Frame opening
	So	Ho	Sc	Hc	Sp	Hw	Sw
80N	891	2088	876	2078	759	2005	775
80	941	2088	926	2078	809	2005	825
90N	991	2088	976	2078	859	2005	875
90	1041	2088	1026	2078	909	2005	925
100	1141	2088	1126	2078	1009	2005	1025

CORNER STEEL FRAME							
Width	Wall opening width	Wall opening height	Overall frame width	Overall frame height	Clear opening	Height at the frame	Frame opening
	So	Ho	Sc	Hc	Sp	Hw	Sw
80N	835	2058	876	2078	756	2005	775
80	885	2058	926	2078	806	2005	825
90N	935	2058	976	2078	856	2005	875
90	985	2058	1026	2078	906	2005	925
100	1085	2058	1126	2078	1006	2005	1025

# OPENING TYPES



## COMPONENTS FOR INDIVIDUAL OPENING MODES









### basic equipment for the opening mode

Set A	Set B	Set C	Set D	Set E	Set F
- key knob cylinder	- set of 1-key system cylinders including one with a knob (we recommend mounting the knob on the main lock) - additional lock	- key knob cylinder	- set of 1-key system cylinders including one with a knob (we recommend mounting the knob on the main lock) - additional lock	- key knob cylinder	- set of 1-key system cylinders including one with a knob (we recommend mounting the knob on the main lock) - additional lock

### + selected design of the handle, knocker and accessories

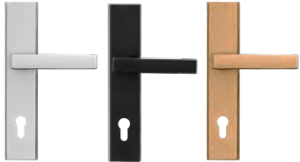










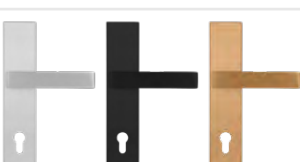
A	B	C	D	E	F
- handle	- handle - top escutcheon	- handle + slim escutcheon set - door bar - knocker button - electric strike - door closer - power supply unit	- handle + slim escutcheon set - top escutcheon - door bar - knocker button - electric strike - door closer - power supply unit	- slim escutcheon - 2 x door bar - 2 x knocker button - electric strike - door closer - power supply unit	- slim escutcheon - upper slim escutcheon - 2 x door bar - 2 x knocker button - electric strike - door closer - power supply unit

## ACCESSORIES

HARDWARE	
<b>Set A</b>	Set of basic equipment for opening mode A – key knob cylinder <sup>1)</sup> (the selected handle must be added to the price)
<b>Set B</b>	Set of basic equipment elements for opening mode B – set of 1-key system inserts <sup>1)</sup> including one with a knob, additional top lock (the selected handle and escutcheon must be added to the price)
<b>Set C</b>	Set of basic equipment elements for opening mode C – key knob cylinder <sup>1)</sup> (the selected set of handle + slim escutcheon, door bar and button, electric strike, door closer and power supply must be added to the price)
<b>Set D</b>	Set of basic equipment elements for opening mode D – set of 1-key system inserts <sup>1)</sup> including one with a knob, additional top lock (the selected set of handle + escutcheon, top slim escutcheon, door bar and button, electric strike, door closer and power supply must be added to the price)
<b>Set E</b>	Set of basic equipment elements for opening mode E – key knob cylinder <sup>1)</sup> (TWO selected door bars, 2 buttons, slim escutcheon, electric strike, door closer and power supply must be added to the price)
<b>Set F</b>	Set of basic equipment elements for opening mode F – set of 1-key system inserts <sup>1)</sup> including one with a knob, additional top lock (TWO selected door bars, 2 buttons, slim escutcheon, top slim escutcheon, electric strike, door closer and power supply must be added to the price)
	Key-key cylinder <sup>1)</sup> ; class B (complies with RC2) silver, black, old gold F4
	Key-knob cylinder <sup>1)</sup> ; class B (complies with RC2) silver, black, old gold F4
	Set of key-key, key-knob 1-key system cylinders <sup>1)</sup> ; class B (complies with RC2) silver, black, old gold F4
	Key-key cylinder <sup>1)</sup> ; class C (complies with RC2) silver, black, old gold F4
	Key-knob cylinder <sup>1)</sup> ; class C (complies with RC2) silver, black, old gold F4
	Set of key-key, key-knob 1-key system cylinders <sup>1)</sup> ; class C (complies with RC2) silver, black, old gold F4
	No-class nickel cylinder <sup>1)</sup> for temporary use during the construction, to prevent unauthorised access.
	Additional top lock, silver front plate


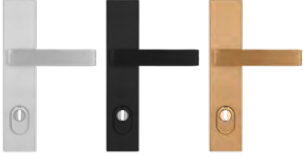



<sup>1)</sup> The set of two 1-key system cylinders has 5 keys. Single cylinders have 3 keys.  
Extra charge for single cylinder (doors with bottom lock only) up to five keys Class B (doors RC2).





## ACCESSORIES

HARDWARE	
	<p>PASA handle or knob at an extra charge inox, black, old gold F4 (complies with RC2)</p> <p><b>A, B</b></p>
	<p>PASA escutcheon for the top lock; inox, black, old gold F4 (complies with RC2)</p> <p><b>B</b></p>
	<p>PASA handle or knob at an extra charge with Class C anti-drilling protection inox, black, old gold F4</p> <p><b>A, B</b></p>
	<p>PASA escutcheon with anti-drilling protection for upper class C lock inox, black, old gold F4</p> <p><b>B</b></p>
	<p>Set PASA handle + slim escutcheon (door with pull handle) inox, black, old gold F4; (complies with RC2)</p> <p><b>C, D</b></p>
	<p>Top escutcheon set PASA (top lock and pull handle) inox, black, old gold F4; (complies with RC2)</p> <p><b>D</b></p>
	<p>Set PASA slim handle + slim escutcheon (door with pull handle) inox, black, old gold F4; (complies with RC2)</p> <p><b>C, D</b></p>
	<p>PASA slim escutcheon for top lock (door with pull handle) inox, black, old gold F4; (complies with RC2)</p> <p><b>B, D, F</b></p>
	<p>PASA slim escutcheon (door with pull handle) inox, black, old gold F4; (complies with RC2)</p> <p><b>E, F</b></p>
	<p>HAGA handle or knob at an extra charge inox, black, old gold F4 (complies with RC2)</p> <p><b>A, B</b></p>
	<p>HAGA escutcheon for the top lock; inox, black, old gold F4 (complies with RC2)</p> <p><b>B</b></p>
	<p>ROYAL handle or knob at an extra charge inox, black, old gold F4 (complies with RC2)</p> <p><b>A, B</b></p>



# ACCESSORIES

HARDWARE		
	ROYAL escutcheon for the top lock; inox, black, old gold F4 (complies with RC2)	<b>B</b>
	ROYAL FLEX handle or knob at an extra charge with Class C anti-drilling protection inox, black, old gold F4	<b>A, B</b>
	ROYAL FLEX escutcheon for top lock anti-drilling protection class C inox, black, old gold F4	<b>B</b>
	SOLO GAJA handle + slim escutcheon (door with pull handle) inox, black, old gold F4; (complies with RC2)	<b>C, D</b>
	SOLO GAJA upper escutcheon set (upper lock and pull handle) inox, black, old gold F4; (complies with RC2)	<b>D</b>

DOOR BARS		
	K35 inox stainless steel door bar, black <sup>1)</sup> (button opening option)	L 180 cm L 160 cm L 120 cm L 60 cm
	KK35 inox stainless steel door bar, black <sup>1)</sup> (button opening option)	L 180 cm L 160 cm L 120 cm L 60 cm
	Door bar KP inox stainless steel, black <sup>1)</sup> (button opening option)	L 180 cm L 160 cm L 120 cm L 60 cm
	Door bar KPL2 inox stainless steel, black (button opening option)	L 180 cm L 160 cm L 120 cm L 60 cm
	Door bar O35 inox stainless steel, black (button opening option)	L 180 cm L 160 cm L 120 cm L 60 cm
	Door bar OP inox stainless steel, black (button opening option)	L 180 cm L 160 cm L 120 cm L 60 cm
	Door bar P6K inox stainless steel, black (no button opening option)	L 120 cm L 60 cm
	Door bar P60 inox stainless steel, black (no button opening option)	L 120 cm L 60 cm
	Door bar button + contactor + electrical installation + electric strike	<b>C, D, E, F</b>
	2 x door bar button + contactor + electrical installation + electric strike	<b>E, F</b>

<sup>1)</sup> Door bar per dimension at an extra charge

# ACCESSORIES

## ACCESSORIES AT AN EXTRA CHARGE



Aluminium door frame THERMO 78 and THERMO 64  
(as a standard for THERMO HOT 88 and THERMO HOT 78)



Aluminium angle profile for connecting doors with side light at an angle of 90 degrees (one vertical)



Frame extension  
30 mm available for THERMO HOT 88  
28 mm available for THERMO 64, THERMO 78 and THERMO HOT 78



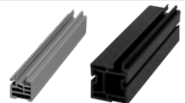
Hook-bolt multipoint lock and strike plate (aluminium frame only) black. Available only from height Hc = 1980 mm



Wide angle door viewer mounted at 1500 mm +/- 30 mm (black, inox, old gold)



drop-down gasket



PVC threshold extension used in doors and side lights (clip or screwed) height 20 mm and 35 mm, length 120 cm



Threshold extension for doors, height from 70 to 250 mm, length 120 cm



Threshold extension block for side light, height from 70 to 250 mm, length 120 cm



Threshold extension block for side light, height from 70 to 250 mm, length 60 cm



BOSTIK adhesive for threshold extensions, grey colour 430 g



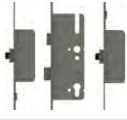
Expansion tape 58 mm, 5 m roll, expansion from 7 to 15 mm



Hot installation tape 100 mm, length 1 m

# ACCESSORIES

## ACCESSORIES AT AN EXTRA CHARGE



Automatic multipoint lock with a strike plate (aluminium frame only).  
The automatic lock can only be used with aluminium frame and handle.  
It is not possible to use in the door with a pull handle, electric strike and top lock.

**A**



Electric-driven multipoint lock ROTO SAFE ENEO 4in1 (can be controlled with PIN code via keypad, smartphone with Bluetooth function, fingerprint, as well as RFID card or keychain)

**C, E**



Electric strike with a roll/day-night function (aluminium frame only)



Power supply for electric strike

**C, D, E, F**



Reed switch in black, only available for doors with aluminium frame



Silver or black door closer.  
A door closer is required with an electric strike.  
Option for at an extra charge: leaf opening lock<sup>\*)</sup>

**C, D, E, F**



Silver or black rail door closer with opening support and an opening stop. A door closer is required with an electric strike.  
Option for at an extra charge: adjustable leaf opening lock<sup>\*)</sup>

**C, D, E, F**



Concealed door closer with opening aid, opening limiter and hold-open device<sup>\*)</sup>  
(THERMO HOT 88 and THERMO HOT 78 doors only).  
A door closer is required with an electric strike.

**C, D, E, F**



Steel door care kit: active cleaning foam and 400 ml preservative silicone

<sup>\*)</sup> The lock allows for safe holding of the leaf, exactly in the required position, at the opening angle from approx. 80 degrees to 120 degrees.

<sup>\*\*)</sup> Locking only at the opening angle 90 degrees.

The door must be protected against sunlight and direct precipitation by roofing.

The width of the roofing shall not be less than the overall width of the door plus 1 metre. The depth shall not be less than 1 metre. The details shall include the instructions for installation of the door.

The warranty certificate and assembly manual are attached with products.

This Product Guide is for reference only, and shows current prices and product availability.

The manufacturer reserves the right to modify prices and product availability without prior notice.

Actual colours in colour charts can differ from these indicated in this Product Guide. Please consult the colours with original colour charts available at our dealer centres. The photos in the catalogue are for reference only and dimensional proportions of some components can occur for different door leaf widths. We reserve the right to printing mistakes. The Product Guide is not an offer in legal terms and is published only for reference.

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