

GERDA®



HOUSE DOORS

WE'LL BUILD YOUR DOOR

NTT REVO & TT OPTIMA

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TEDEE POWERED BY GERDA



OPEN THE DOOR WITH A SMARTPHONE

Open and close your door, and check the lock status from anywhere in the world. Thanks to the automatic opening function, you don't have to take your smartphone out of your pocket or handbag. The lock itself will detect your presence and let you into the house. You can use the self-locking function in a similar way.

EFFICIENT BATTERY

In cooperation with a research institute from South Korea, Gerda engineers developed a dedicated, small-sized, highly efficient battery. The battery can power the mechanism for up to six months. When, eventually, it needs to be charged, the lock will inform you about this, and you'll recharge the battery overnight.

SAFETY WITH GERDA

The mechanism that drives the lock is an innovative, patented design developed by engineers from Gerda. The software was created by IoT experts from Tedee. Thanks to the intuitive app, you can monitor who locked or opened the door, check when this was done, and remotely assign virtual keys.

KIT

Tedee lock + Tedee bridge + grade 6 cylinder



GRADE 6 CYLINDER INCLUDED

- ✓ AN ANTI-BURGLAR LOCK CYLINDER. THE CYLINDER HAS A NEW DESIGN WITH A PROTECTION AGAINST BEING OPENED BY "BUMPING", AND WITH EFFECTIVE SOLUTIONS THAT SECURE IT AGAINST BEING DRILL-OPENED.



INSTALL GERDA TEDEE

- ✓ SLIDE THE LOCK ONTO THE GERDA CYLINDER, ALIGN ITS POSITION, AND FASTEN IT USING A SINGLE SCREW. THIS WON'T TAKE YOU MORE THAN 2 MINUTES. CHECK TO SEE WHETHER TURNING THE KNOB MAKES THE BOLTS COME OUT.



INSTALL THE APP ON YOUR SMARTPHONE

- ✓ DOWNLOAD THE GERDA TEDEE APP FROM THE APPLE APP STORE OR GOOGLE PLAY. REGISTER AND ENABLE BLUETOOTH, LOCATION, AND INTERNET ACCESS. ADD THE LOCK AND ENTER THE ACTIVATION CODE.



CONNECT THE BRIDGE

- ✓ FIND A FREE POWER SOCKET AS CLOSE TO THE GERDA TEDEE LOCK AS POSSIBLE, AND CONNECT THE BRIDGE TO IT. THIS WILL GIVE YOU FULL CONTROL OF THE LOCK OVER THE INTERNET, NO MATTER WHERE YOU ARE.

WHAT YOU SHOULD KNOW ABOUT GERDA DOORS



THERMAL INSULATION

The heat penetration rate (Ud) determines how much heat Energy will penetrate through the door (including the frame). Based on this parameter, you can calculate heat losses separately for of each compartment. Even a small loss will translate into a higher heating bill. The value of this parameter depends on the type and thickness of the material that the doors are made of. Internal GERDA doors meet the standards applicable since January 1st, 2017, as well as those scheduled to come into force in 2021, thanks to the use of modern technologies and door frames made of steel and wood or aluminium.

Depending on the components used, GERDA doors may reach various levels of insulating properties.

There are three types of doors:

- insulating doors,
- energy-efficient doors,
- passive doors.



No insulation



1,5 W/m²K

1,0 W/m²K

The basic doors in the insulating range have a heat penetration rate of 1.2 W/m²K. They are fitted with a steel PERFOTHERM® frame with thermal perforation, a seal and three possible types of thresholds: steel threshold with a PVC seal, a wooden threshold with a seal and PVC sill, an aluminium threshold with a seal and sill.

Energy-efficient NTT60 doors have a heat penetration rate of between 0.87, when using an ALUTHEM warm aluminium frame with a filled-in thermal chamber and seal, and 1.0 W/m²K, when choosing a DUOTHERM warm steel and wood frame with thermal perforation and a seal.

The primary role of passive doors is to save as much energy as possible while simultaneously improving the comfort of living. They enable the accumulation of energy inside the room, directly allowing to save costs. NTT 75 doors have a heat penetration rate of between 0.77 W/m²K and 0.94 W/m²K, based on the type of frame used.

The door heat penetration ratio applies to solid doors.



BURGLARY RESISTANCE

Burglary resistance is a parameter used to describe doors commonly referred to as anti-burglary doors. Such doors have a special, durable design meant to prevent burglars from cutting a hole in them and preventing unauthorised entry. As a standard, GERDA doors are equipped with two durable locks with a multi-point locking system. Interlocking door bolts, meant to prevent the door leaf from being broken down or taken off its hinges, constitute an important component of the door. GERDA NTT doors are tested for being burglar-proof and their burglary resistance classes are RC2 to RC3. Using a higher-class door will increase the level of security of the people and property inside the house.



**RC
1**

**No tools:
resistant to attempts made to break
down the door by hitting with the
shoulder or kicking it, trying to lift it
off its hinges or tear out the lock**



**RC
2**

**4 tools:
bolt, pliers, wedge, hammer**



**RC
3**

**5 tools:
steel crowbar, additional screwdriver,
nail driver, hammer, electric drill**



THINGS TO KEEP IN MIND WHEN CHOOSING A DOOR

1.



CHOOSE THE DESIGN THAT BEST FITS YOUR NEEDS

NTT REVO 75 → p. 9
NTT REVO 60 → p. 11
TT OPTIMA 60 → p. 15
TT OPTIMA 50 → p. 17

2.



CHOOSE A DOOR DESIGN FROM OUR WIDE RANGE OF PRODUCTS

NTT REVO:
AIR GLASS → p. 20-25
QUADRO → p. 26-37
ELITE 3D → p. 38-40
TEMPO → p. 41-44

TT OPTIMA:
TEMPO → p. 41-54
CLASSIC → p. 55-61

3.

DIMENSIONS OF DOORS AND FRAMES

DIMENSIONS OF NTT REVO DOORS

Size	Door model	Leaf height internal size	Leaf height external size	Leaf width internal size	Leaf width external size
60	NTT Revo	2035	2035	825	825
60	NTT Revo	2035	2035	1025	1025
60	NTT Revo	2035	2035	1225	1225
60	NTT Revo	2035	2035	1425	1425

SIZES OF ALUTHERM AND DUOTHERM FRAMES FOR NTT REVO DOORS

Size	Frame model	Total frame height (mm)	Total frame width (mm)	Recommended height of the opening (mm)	Recommended width of the opening (mm)
60	ALUTHERM	2035	825	2035	825
60	ALUTHERM	2035	1025	2035	1025
60	ALUTHERM	2035	1225	2035	1225
60	ALUTHERM	2035	1425	2035	1425
60	DUOTHERM	2035	825	2035	825
60	DUOTHERM	2035	1025	2035	1025
60	DUOTHERM	2035	1225	2035	1225
60	DUOTHERM	2035	1425	2035	1425

ALUTHERM
NTT REVO 75

ALUTHERM
NTT REVO 60

DUOTHERM
NTT REVO 75/60

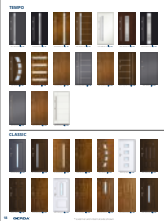
CHOOSE THE AVAILABLE WIDTHS AND DECIDE → p. 72-75

4.

NTT REVO DOOR DESIGNS



TT OPTIMA DOOR DESIGNS



ENJOY THE ABILITY TO CUSTOMISE BY CHOOSING THE VENEER DESIGN AND DETAIL PATTERN

DOORS NTT REVO DESIGNS → p. 12-13
DOORS TT OPTIMA DESIGNS → p. 18-19

5.



CHOOSE OPTIONAL ADDITIONAL ACCESSORIES: FANLIGHTS, HANDLES, PULLS, FRAMES → p. 65-75

DOOR CONSTRUCTION

NTT REVO 75

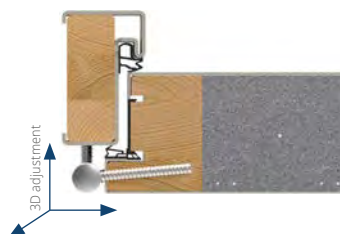
Doors for use in single- and multi-family developments.

PARAMETERS

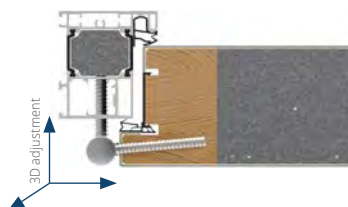
- a 75-mm thick steel door leaf with a four-sided rabbet, filled with graphite-modified expanded polystyrene, comprising:
 - a DUOTHERM steel frame with a wooden core and an ALU/ PVC warm threshold and sill,
 - an ALUTHERM aluminium frame and an ALU/ PVC warm threshold and sill – available for an additional fee;
- available in solid and glazed versions, in 80, 90E and 100E sizes; size 100E available for an additional fee;
- RC2/RC3-class (solid) and RC2/RC3N-class (glazed) doors available;
- optionally and for an additional fee, an RC3-class version of the door is available (solid doors only) – GERDA NTT 75/RC3;
- doors available in four designs: AIR GLASS, QUADRO, ELITE 3D, TEMPO;
- doors available in 10 colours;
- door leaves available in a two-colour version for an additional fee;
- DUOTHERM door frames only available in single colour;
- ALUTHERM door frames available in two-colour versions for no additional fees;
- dedicated sets of trims available with the doors (leaves are ready for the installation of the chosen set).



DUOTHERM

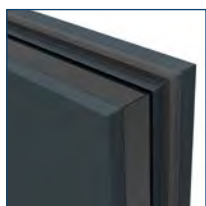


optional ALUTHERM



NTT REVO 75

External burglar-proof
RC2/RC3-class* entry doors



Thermal compartment
inside the leaf



Leaf
with a three-layer stile
and a two-component seal



Insulating filling
graphite-modified
expanded polystyrene

Ud 0,77 w/m²K

DOOR HEAT PENETRATION
RATIO

ALUTHERM



Warm aluminium frame
with a thermal chamber
filling and seal

Ud 0,94 w/m²K

DOOR HEAT PENETRATION
RATIO

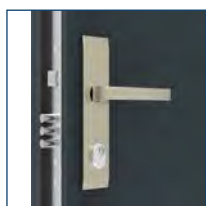
DUOTHERM



Warm steel and wood frame
with thermal perforation
and a seal



Upper lock
class 6 3-tumbler
GERDA ZW 500



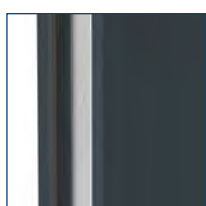
Central lock
class 7 3-tumbler
GERDA ZW 2000



Bergen + B-A cylinders
as standard



Lower lock
2-tumbler



Reinforcing strip
made of stainless steel,
on the edge of the leaf



Lower rabbet + brush seal
in the leaf



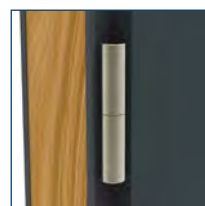
Warm PVC threshold
with a PVC sill and
a windstopper



Warm ALU/PVC threshold
with a thermal compartment,
PVC sill and windstopper



3D hinges
adjustable in three
dimensions



Decorative cap
made of anodised
aluminium in the same
colour as the handle



Adjustable lock mounting



3 interlocking pins



Installation kit

— standard equipment

- - - optional equipment, available for an extra fee

- - - - the door heat penetration ratio applies to solid doors

* RC3 package optionally available for an extra fee and glazed doors

GERDA®

DOOR CONSTRUCTION

NTT REVO 60

Doors for use in single- and multi-family developments.

PARAMETERS

- a 61-mm thick steel door leaf with a four-sided rabbet, filled with graphite-modified expanded polystyrene, comprising:
 - a DUOTHERM steel frame with a wooden core and an ALU/ PVC warm threshold and sill,
 - an ALUTHERM aluminium frame and an ALU/ PVC warm threshold and sill – available for an additional fee;
- available in solid and glazed versions, in 80, 90E and 100E sizes; size 100E available for an additional fee;
- RC2/RC3-class (solid) and RC2/RC3N-class (glazed) doors available;
- optionally and for an additional fee, an RC3-class version of the door is available (solid doors only) – GERDA NTT 60/RC3;
- doors available in four designs: AIR GLASS, QUADRO, ELITE 3D, TEMPO;
- doors available in 10 colours;
- door leaves available in a two-colour version for an additional fee;
- DUOTHERM door frames only available in single colour;
- ALUTHERM door frames available in two-colour versions for no additional fees;
- dedicated sets of trims available with the doors (leaves are ready for the installation of the chosen set).

RC 2



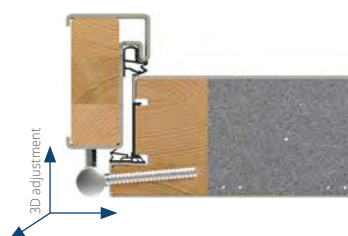
RC 3



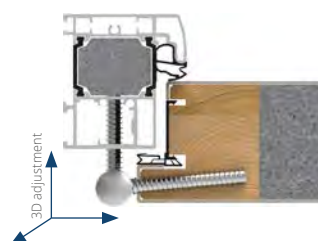
lower rabbet inside the leaf
and a warm threshold



DUOTHERM



optional ALUTHERM



NTT REVO 60

External burglar-proof
RC2/RC3-class* entry doors



Thermal compartment
inside the leaf



Leaf
with a three-layer stile
and a two-component seal



Insulating filling
graphite-modified
expanded polystyrene

Ud 0,87 w/m²K

DOOR HEAT PENETRATION
RATIO

ALUTHERM



Warm aluminium frame
with a thermal chamber
filling and seal

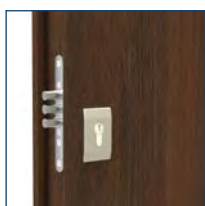
Ud 1,0 w/m²K

DOOR HEAT PENETRATION
RATIO

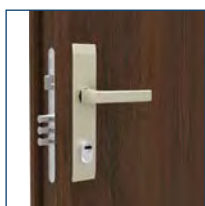
DUOTHERM



Warm steel and wood frame
with thermal perforation
and a seal



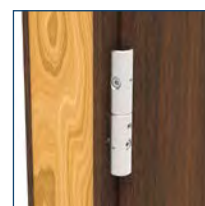
Upper lock
class 6 3-tumbler
GERDA ZW 500



Main lock
class-7 3-tumbler
GERDA ZW 1000



Bergen + B-A cylinders
as standard



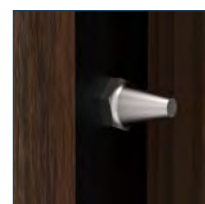
3D hinges
adjustable in three
dimensions



Decorative cap
made of anodised
aluminium in the same
colour as the handle



Adjustable lock mounting



3 interlocking pins



Lower rabbet + brush seal
in the leaf



Warm PVC threshold
with a PVC sill and
a windstopper



Warm ALU/PVC threshold
with a thermal compartment,
PVC sill and windstopper



Installation kit

— standard equipment

- - - optional equipment, available for an extra fee

- - - - the door heat penetration ratio applies to solid doors

* RC3 package optionally available for an extra fee and glazed doors

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NTT REVO DOOR DESIGNS*

AIR GLASS



AGB Linz 1 → p. 20



AGC Linz 2 → p. 20



AGD Linz 3 → p. 21



AGE Graz 1 → p. 22



AGF Graz 2 → p. 22



AGG Graz 3 → p. 23



AGA Salzburg → p. 24

QUADRO



KWA Pasawa 1 → p. 26



KWB Pasawa 2 → p. 26



KWC Pasawa 3 → p. 26



KWD Pasawa 4 → p. 26



KWE Jena 3 → p. 27



KW4 Jena 4 → p. 27



KWF Bamberg 1 → p. 28



KWN Trewir 3 → p. 30



KWP Trewir 4 → p. 30



KW7 Trewir 7 → p. 31



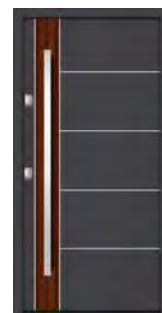
KWS Dorfen → p. 32



KWT Kassel 1 → p. 33



KWX Kassel 2 → p. 33



KPN Kronach 1 → p. 34



KPM Regen 5 → p. 35



KPR Regen 6 → p. 35



KPE Drezno 1 → p. 36



KPF Drezno 2 → p. 36



KPH Drezno 4 → p. 36



KPA Erfurt 1 → p. 37



KPB Erfurt 2 → p. 37

ELITE 3D



ELA Brig → p. 38



ELB Olten → p. 38



ELC Visp → p. 39



ELD Trin → p. 39



ELE Berno → p. 40

TEMPO



NS1 Milano 8 → p. 41



NS2 Milano 9 → p. 41



AGH Villach → p. 25



KWG Bamberg 2 → p. 28



KWH Bamberg 3 → p. 28



KWI Bamberg 4 → p. 28



KWJ Ulm 1 → p. 29



KWK Ulm 2 → p. 29



KWL Trewir 1 → p. 30



KWM Trewir 2 → p. 30



KPP Kronach 2 → p. 34



KPT Kronach 3 → p. 34



KPZ Kronach 4 → p. 34



KPJ Regen 1 → p. 35



KPK Regen 2 → p. 35



KPL Regen 3 → p. 35



KPS Regen 4 → p. 35



KPC Erfurt 3 → p. 37



NS9 Milano 12 → p. 41



NS3 Milano 10 → p. 42



NS4 Milano 11 → p. 42



NS5 Hanover 5 → p. 43



NS6 Hanover 6 → p. 43



NS7 Innsbruck → p. 44



W00 Flat surface → p. 44

* external side shown only, except for the TEMPO range

DOOR CONSTRUCTION

TT OPTIMA 60

Doors for use in single- and multi-family developments.

PARAMETERS

- a 61-mm thick steel door leaf with a three-sided rabbet, filled with graphite-modified expanded polystyrene, available with:
 - a PERFOTHERM® steel frame and threshold,
 - an ALUTHERM OPTIMA aluminium frame and threshold – available for an additional fee;
- available in solid and glazed versions, in 80, 90E and 100E sizes; size 100E available for an additional fee;
- RC2/RC3-class (solid) and RC2/RC3N-class (glazed) doors available; to maintain class RC2/RC3, an escutcheon must be used with a main lock cylinder protection;
- optionally and for an additional fee, an RC3-class version of the door is available (solid doors only) – GERDA TT OPTIMA 60/RC3;
- doors available in two designs: TEMPO and CLASSIC;
- doors available in 10 colours;
- door leaves available in a two-colour version for an additional fee;
- PERFOTHERM® door frames only available in single colour;
- ALUTHERM OPTIMA door frames available in two-colour versions for no additional fees;
- dedicated sets of trims available with the doors (leaves are ready for the installation of the chosen set);
- available in a dual-leaf version as TT OPTIMA DUO 60.

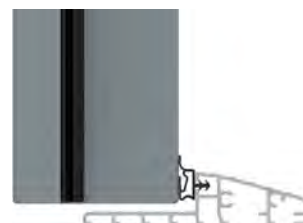
RC 2



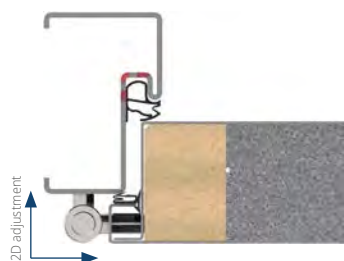
RC 3



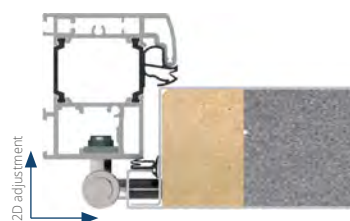
threshold with sealing



PERFOTHERM®



optional ALUTHERM OPTIMA



TT OPTIMA 60

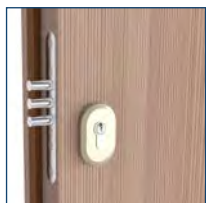
External burglar-proof
RC2/RC3-class* entry doors



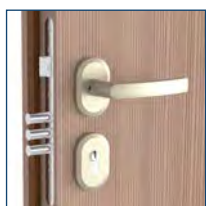
Leaf cross-section



Leaf
with a three-layer stile
and a two-component seal



Upper lock
class 6 3-tumbler
GERDA ZW 500



Main lock
class 7 3-tumbler
GERDA ZW 1000



Blok + A-A cylinders
as standard



Aluminium threshold
with a seal



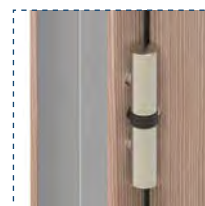
Sill extension



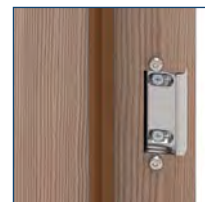
Wooden threshold



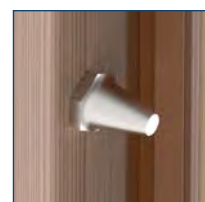
2D hinges
adjustable



Decorative caps
made of anodised
aluminium in the same
colour as the handle



**Adjustable lock
mounting**



3 interlocking pins



Installation kit

Ud 0,99 w/m²K

DOOR HEAT PENETRATION
RATIO



**Warm aluminium
frame**
with a thermal chamber
filling and seal

Ud 1,09 w/m²K

DOOR HEAT PENETRATION
RATIO



Steel frame
with thermal
perforation and seal

— standard equipment

- - - optional equipment, available for an extra fee

- - - - the door heat penetration ratio applies to solid doors

* RC2 package using an escutcheon, RC3 package with a ZW 2000 lock available as an option for an additional charge, not applicable to glazed doors

GERDA®

15

DOOR CONSTRUCTION

TT OPTIMA 50

Doors for use in single- and multi-family developments.

PARAMETERS

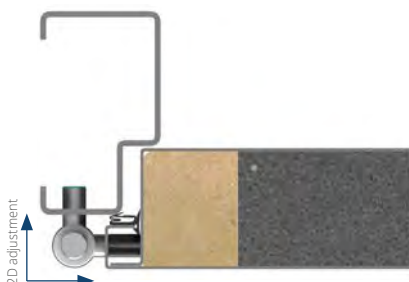
- 51-mm thick steel leaves with a three-sided rabbet, filled with graphite-modified expanded polystyrene, comprising:
 - an FN or FB steel frame and threshold,
 - a PERFOTHERM® frame and threshold – available for an additional fee;
- when used as an entry door, we recommend using a PERFOTHERM® frame;
- available in solid versions, in 80, 90E and 100E sizes; size 100E available for an additional fee;
- RC2/RC3-class doors; to maintain class RC2/RC3, an escutcheon must be used with a main lock cylinder protection;
- doors available in two designs: TEMPO and CLASSIC without glazing;
- doors available in 10 colours;
- door leaves available in a two-colour version for an additional fee;
- frames available only in a single colour;
- dedicated sets of trims available with the doors (leaves are ready for the installation of the chosen set).



threshold with sealing



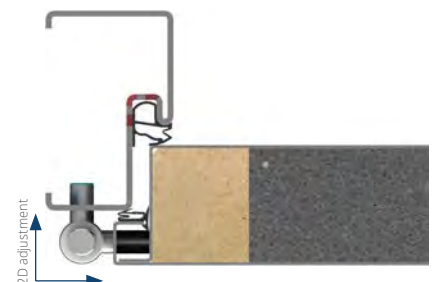
STEEL FB



STEEL FN



optional PERFOTHERM®



TT OPTIMA 50

External burglar-proof
RC2/RC3-class doors*



Leaf cross-section



Leaf
with a stile strip
and a two-component seal



FN frame



FB frame

Ud 1,2 w/m²K

DOOR HEAT PENETRATION
RATIO

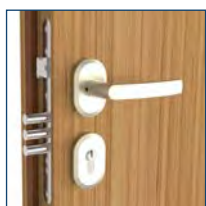
PERFOTHERM®



Steel frame
with thermal
perforation and seal



Upper lock
class 6 3-tumbler
GERDA ZW 500



Main lock
class 7 3-tumbler
GERDA ZW 1000



Blok + A-A cylinders
as standard



2D hinges
adjustable



Decorative caps
made of anodised
aluminium in the same
colour as the handle



**Adjustable lock
mounting**



3 interlocking pins



Aluminium threshold
with a seal



Sill extension



Wooden threshold



Installation kit

— standard equipment

- - - optional equipment, available for an extra fee

- - - the door heat penetration ratio applies to solid doors

* RC2 package using an escutcheon with lock cylinder protection

TT OPTIMADOOR DESIGNS*

TEMPO



NS1 Milano 8 → p. 41



NS2 Milano 9 → p. 41



NS9 Milano 12 → p. 41



NS3 Milano 10 → p. 42



NS4 Milano 11 → p. 42



NS5 Hanover 5 → p. 43



NS6 Hanover 6 → p. 43



SJ9 Nicea 9 → p. 47



SBE Berlin 4 → p. 48



ST4 Uppsala 1 → p. 49



ST4A Uppsala 1A → p. 49



ST5 Uppsala 2 → p. 50



ST5A Uppsala 2A → p. 50



TML Tokio 1 → p. 51



SR3 Tromso → p. 54



SR4 Tromso 1 → p. 54



SR5 Tromso 2 → p. 54

CLASSIC



W76 Modena → p. 55



W77 Modena 2 → p. 55



W78 Modena 3 → p. 55



WDR Ravenna → p. 55



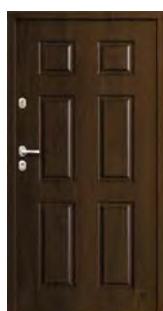
WJ1 Nicea 5 → p. 55



W23 Olympia → p. 56



W91 Verona → p. 57



W24 Lizbona → p. 58



W9N Wenecja → p. 58



W5L Londyn 1 → p. 59



W13 Londyn → p. 59



W53 Barcelona 1 → p. 60



W54 Barcelona → p. 60



G76 Genewa 1 → p. 61

* external and internal side shown



NS7 Innsbruck → p. 44



W00 Flat surface → p. 44



SNUA Milano 4A → p. 45



SNU Milano 4 → p. 45



NT1 Turyn 1 → p. 46



NT2 Turyn 2 → p. 46



SOJ Bergamo 2 → p. 47



TMM Tokio 2 → p. 51



TMLA Tokio 1A → p. 51



TMMa Tokio 2A → p. 51



ST8 Ryga → p. 52



ST9 Lund → p. 52



WBA Aspen 1 → p. 53



TN7 Aspen 2 → p. 53



W94 Verona 1 → p. 57



W93 Verona 3 → p. 57



W6A Verona 4 → p. 57



WQA Verona 5 → p. 57



G75 Genewa 2 → p. 61



D75 Genewa 3 → p. 61



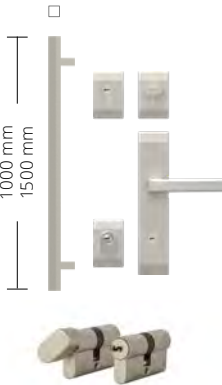
* external and internal side shown



Bergen handles with B-A cylinders (RC2)
as standard

Bergen handles with single-key MB-B cylinders (RC2)

Bergen handles with single-key MC-C cylinders (RC2)



Amsterdam 1000 with B-A cylinders (RC2)

Amsterdam 1000 with single-key MB-B cylinders (RC2)

Amsterdam 1000 with single-key MC-C cylinders (RC2)

Amsterdam 1500 with B-A cylinders (RC2)

Amsterdam 1500 with single-key MB-B cylinders (RC2)

Amsterdam 1500 with single-key MC-C cylinders (RC2)



AGB Linz 1



AGC Linz 2

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

GLAZING

GRAPHITE



MODEL	NTT 60	NTT 75
AGB Linz 1	✓	✓
AGC Linz 2	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	✓	✓
size 100 E	✓	✓

Fixed aluminium fanlights on page 66
Full list of available accessories on pages 70–71



Internal side of the door



COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	



DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

GLAZING

GRAPHITE



MODEL	NTT 60	NTT 75
AGD Linz 3	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	✓	✓
size 100 E	✓	✓

Fixed aluminium fanlights on page 66
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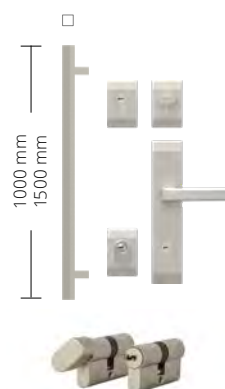
Internal side of the door



Bergen handles
 with B-A cylinders (RC2)
as standard

Bergen handles
 with single-key MB-B
 cylinders (RC2)

Bergen handles
 with single-key MC-C
 cylinders (RC2)



Amsterdam 1000
 with B-A cylinders (RC2)

Amsterdam 1000 with
 single-key MB-B
 cylinders (RC2)

Amsterdam 1000
 with single-key MC-C
 cylinders (RC2)

Amsterdam 1500
 with B-A cylinders (RC2)

Amsterdam 1500
 with single-key MB-B
 cylinders (RC2)

Amsterdam 1500
 with single-key MC-C
 cylinders (RC2)

COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	

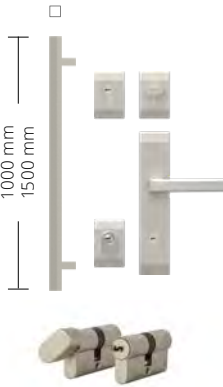
PLATINUM	SILVER
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Bergen handles with B-A cylinders (RC2)
as standard

Bergen handles with single-key MB-B cylinders (RC2)

Bergen handles with single-key MC-C cylinders (RC2)



Amsterdam 1000 with B-A cylinders (RC2)

Amsterdam 1000 with single-key MB-B cylinders (RC2)

Amsterdam 1000 with single-key MC-C cylinders (RC2)

Amsterdam 1500 with B-A cylinders (RC2)

Amsterdam 1500 with single-key MB-B cylinders (RC2)

Amsterdam 1500 with single-key MC-C cylinders (RC2)



AGE **Graz 1**



AGF **Graz 2**

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

GLAZING

GRAPHITE



MODEL	NTT 60	NTT 75
AGE Graz 1	✓	✓
AGF Graz 2	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	✓	✓
size 100 E	✓	✓

Fixed aluminium fanlights on page 66
Full list of available accessories on pages 70–71



COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	





AGG

Graz 3

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

GLAZING

GRAPHITE



MODEL	NTT 60	NTT 75
AGG Graz 3	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	✓	✓
size 100 E	✓	✓

Fixed aluminium fanlights on page 66
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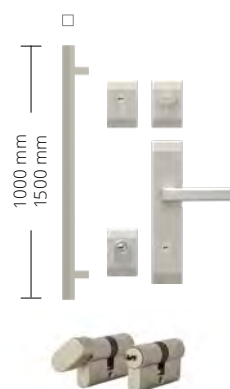
Internal side of the door



Bergen handles
 with B-A cylinders (RC2)
as standard

Bergen handles
 with single-key MB-B
 cylinders (RC2)

Bergen handles
 with single-key MC-C
 cylinders (RC2)



Amsterdam 1000
 with B-A cylinders (RC2)

Amsterdam 1000 with
 single-key MB-B
 cylinders (RC2)

Amsterdam 1000
 with single-key MC-C
 cylinders (RC2)

Amsterdam 1500
 with B-A cylinders (RC2)

Amsterdam 1500
 with single-key MB-B
 cylinders (RC2)

Amsterdam 1500
 with single-key MC-C
 cylinders (RC2)

COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	

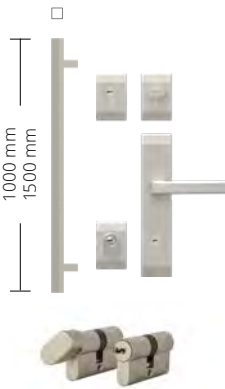
PLATINUM	SILVER
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Bergen handles with B-A cylinders (RC2)
as standard

Bergen handles with single-key MB-B cylinders (RC2)

Bergen handles with single-key MC-C cylinders (RC2)



Amsterdam 1000 with B-A cylinders (RC2)

Amsterdam 1000 with single-key MB-B cylinders (RC2)

Amsterdam 1000 with single-key MC-C cylinders (RC2)

Amsterdam 1500 with B-A cylinders (RC2)

Amsterdam 1500 with single-key MB-B cylinders (RC2)

Amsterdam 1500 with single-key MC-C cylinders (RC2)



DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

GLAZING

GRAPHITE



MODEL	NTT 60	NTT 75
AGA Salzburg	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	✓	✓
size 100 E	✓	✓

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COLOURS



WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	



AGH Villach

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

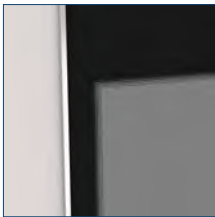
GLAZING



MODEL	NTT 60	NTT 75
AGH Villach	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	✓	✓
size 100 E	✓	✓

Fixed aluminium fanlights on page 66
Full list of available accessories on pages 70–71



COLOURS

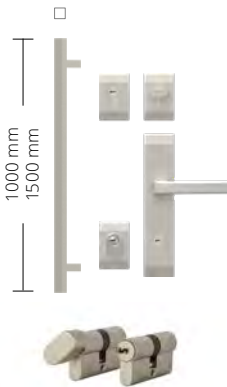
WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	



Bergen handles
with B-A cylinders (RC2)
as standard

Bergen handles
with single-key MB-B
cylinders (RC2)

Bergen handles
with single-key MC-C
cylinders (RC2)



Amsterdam 1000
with B-A cylinders (RC2)

Amsterdam 1000 with
single-key MB-B
cylinders (RC2)

Amsterdam 1000
with single-key MC-C
cylinders (RC2)

Amsterdam 1500
with B-A cylinders (RC2)

Amsterdam 1500
with single-key MB-B
cylinders (RC2)

Amsterdam 1500
with single-key MC-C
cylinders (RC2)

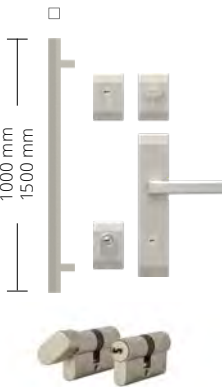
PLATINUM	SILVER
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Bergen handles with B-A cylinders (RC2)
as standard

Bergen handles with single-key MB-B cylinders (RC2)

Bergen handles with single-key MC-C cylinders (RC2)



Amsterdam 1000 with B-A cylinders (RC2)

Amsterdam 1000 with single-key MB-B cylinders (RC2)

Amsterdam 1000 with single-key MC-C cylinders (RC2)

Amsterdam 1500 with B-A cylinders (RC2)

Amsterdam 1500 with single-key MB-B cylinders (RC2)

Amsterdam 1500 with single-key MC-C cylinders (RC2)



KWA Pasawa 1



KWB Pasawa 2



KWC Pasawa 3

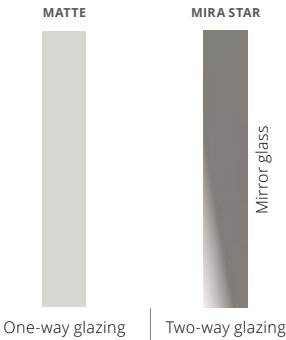


KWD Pasawa 4

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

GLAZING



MODEL	NTT 60	NTT 75
KWA Pasawa 1	✓	✓
KWB Pasawa 2	✓	✓
KWC Pasawa 3	✓	✓
KWD Pasawa 4	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	✓	✓
size 100 E	✓	✓
shortening KWA; KWB; KWC 10, 20, 30, 40 mm KWD 10, 20, 30, 40, 60, 80, 100 mm	✓	✓

Fixed aluminium fanlights on page 66
Full list of available accessories on pages 70-71



COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	

NTT REVO QUADRO



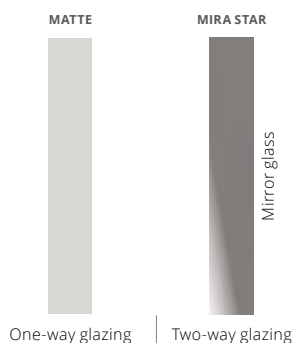
KW3

Jena 3

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

GLAZING



MODEL	NTT 60	NTT 75
KW3 Jena 3	✓	✓
KW4 Jena 4	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	✓	✓
size 100 E	✓	✓
shortening 10, 20, 30, 40 mm	✓	✓

Fixed aluminium fanlights on page 66
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DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

GLAZING



Internal side of the door



KW4

Jena 4

COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	

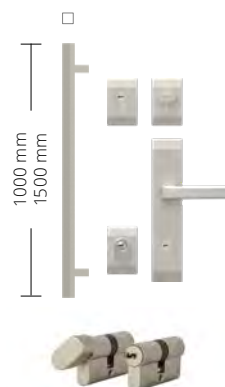
JENA



Bergen handles
with B-A cylinders (RC2)
as standard

Bergen handles
with single-key MB-B
cylinders (RC2)

Bergen handles
with single-key MC-C
cylinders (RC2)



Amsterdam 1000
with B-A cylinders (RC2)

Amsterdam 1000 with
single-key MB-B
cylinders (RC2)

Amsterdam 1000
with single-key MC-C
cylinders (RC2)

Amsterdam 1500
with B-A cylinders (RC2)

Amsterdam 1500
with single-key MB-B
cylinders (RC2)

Amsterdam 1500
with single-key MC-C
cylinders (RC2)

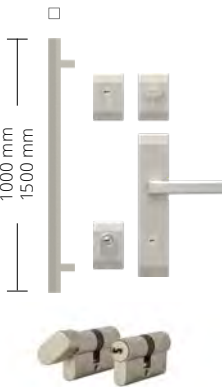
PLATINUM	SILVER
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Bergen handles with B-A cylinders (RC2) **as standard**

Bergen handles with single-key MB-B cylinders (RC2)

Bergen handles with single-key MC-C cylinders (RC2)



Amsterdam 1000 with B-A cylinders (RC2)

Amsterdam 1000 with single-key MB-B cylinders (RC2)

Amsterdam 1000 with single-key MC-C cylinders (RC2)

Amsterdam 1500 with B-A cylinders (RC2)

Amsterdam 1500 with single-key MB-B cylinders (RC2)

Amsterdam 1500 with single-key MC-C cylinders (RC2)



KWF Bamberg 1



KWG Bamberg 2



KWH Bamberg 3

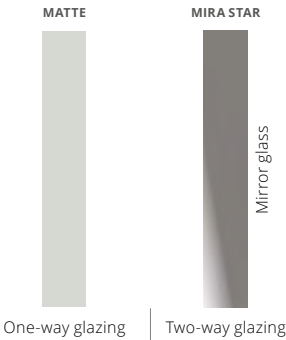


KWI Bamberg 4

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

GLAZING



MODEL	NTT 60	NTT 75
KWF Bamberg 1	✓	✓
KWG Bamberg 2	✓	✓
KWH Bamberg 3	✓	✓
KWI Bamberg 4	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	✓	✓
size 100 E	✓	✓
shortening 10, 20, 30, 40 mm	✓	✓

Fixed aluminium fanlights on page 66
Full list of available accessories on pages 70-71



COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	



KWJ

Ulm 1



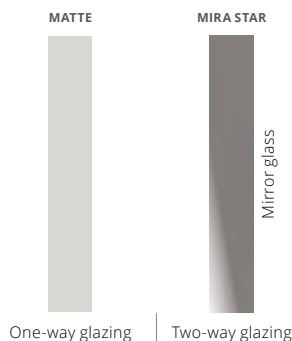
KWK

Ulm 2

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

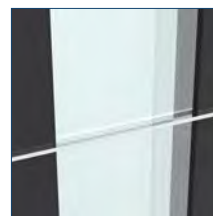
GLAZING



MODEL	NTT 60	NTT 75
KWJ Ulm 1	✓	✓
KWK Ulm 2	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	✓	✓
size 100 E	✓	✓
shortening 10, 20, 30, 40, 60, 80, 100 mm	✓	✓

Fixed aluminium fanlights on page 66
 Full list of available accessories on pages 70-71



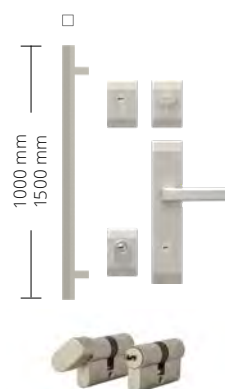
Internal side of the door



Bergen handles
 with B-A cylinders (RC2)
as standard

Bergen handles
 with single-key MB-B
 cylinders (RC2)

Bergen handles
 with single-key MC-C
 cylinders (RC2)



Amsterdam 1000
 with B-A cylinders (RC2)

Amsterdam 1000 with
 single-key MB-B
 cylinders (RC2)

Amsterdam 1000
 with single-key MC-C
 cylinders (RC2)

Amsterdam 1500
 with B-A cylinders (RC2)

Amsterdam 1500
 with single-key MB-B
 cylinders (RC2)

Amsterdam 1500
 with single-key MC-C
 cylinders (RC2)

COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	

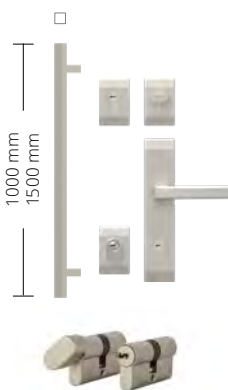
PLATINUM	SILVER
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Bergen handles
with B-A cylinders (RC2)
as standard

Bergen handles
with single-key MB-B
cylinders (RC2)

Bergen handles
with single-key MC-C
cylinders (RC2)



Amsterdam 1000
with B-A cylinders (RC2)

Amsterdam 1000 with
single-key MB-B
cylinders (RC2)

Amsterdam 1000
with single-key MC-C
cylinders (RC2)

Amsterdam 1500
with B-A cylinders (RC2)

Amsterdam 1500
with single-key MB-B
cylinders (RC2)

Amsterdam 1500
with single-key MC-C
cylinders (RC2)



KWL

Trewir 1



KWM

Trewir 2



KWN

Trewir 3



KWP

Trewir 4

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E

NTT 75 80 | 90 N | 90 E | 100 E

GLAZING

MATTE



One-way
glazing

GRAPHITE
REFLEXIVE



Two-way glazing

MIRA STAR



Mirror glass

MODEL

	NTT 60	NTT 75
KWL Trewir 1	✓	✓
KWM Trewir 2	✓	✓
KWN Trewir 3	✓	✓
KWP Trewir 4	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE

	NTT 60	NTT 75
ALUTHERM frame	✓	✓
size 100 E	✓	✓
shortening 10, 20, 30, 40 mm	✓	✓

Fixed aluminium fanlights on page 66

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Internal side of the
door



COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	



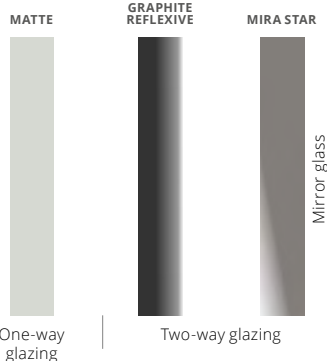
KW7

Trewir 7

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

GLAZING



MODEL

	NTT 60	NTT 75
KW7 Trewir 7	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE

	NTT 60	NTT 75
ALUTHERM frame	✓	✓
size 100 E	✓	✓
shortening 10, 20, 30, 40 mm	✓	✓

Fixed aluminium fanlights on page 66
Full list of available accessories on pages 70-71



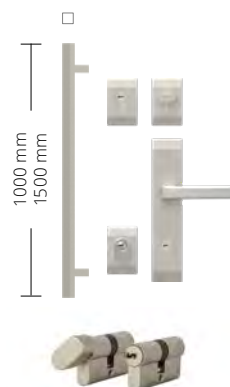
Internal side of the door



Bergen handles
with B-A cylinders (RC2)
as standard

Bergen handles
with single-key MB-B
cylinders (RC2)

Bergen handles
with single-key MC-C
cylinders (RC2)



Amsterdam 1000
with B-A cylinders (RC2)

Amsterdam 1000 with
single-key MB-B
cylinders (RC2)

Amsterdam 1000
with single-key MC-C
cylinders (RC2)

Amsterdam 1500
with B-A cylinders (RC2)

Amsterdam 1500
with single-key MB-B
cylinders (RC2)

Amsterdam 1500
with single-key MC-C
cylinders (RC2)

COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	

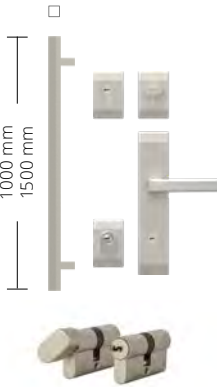
PLATINUM	SILVER
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Bergen handles with B-A cylinders (RC2)
as standard

Bergen handles with single-key MB-B cylinders (RC2)

Bergen handles with single-key MC-C cylinders (RC2)



Amsterdam 1000 with B-A cylinders (RC2)

Amsterdam 1000 with single-key MB-B cylinders (RC2)

Amsterdam 1000 with single-key MC-C cylinders (RC2)

Amsterdam 1500 with B-A cylinders (RC2)

Amsterdam 1500 with single-key MB-B cylinders (RC2)

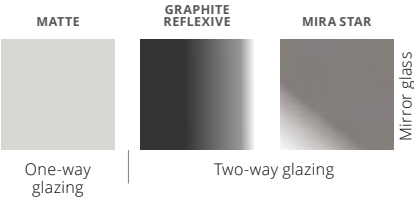
Amsterdam 1500 with single-key MC-C cylinders (RC2)



DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

GLAZING



MODEL	NTT 60	NTT 75
KWS Dorfen	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	✓	✓
size 100 E	✓	✓
shortening 10, 20, 30, 40 mm	✓	✓

Fixed aluminium fanlights on page 66
Full list of available accessories on pages 70-71



COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	



KWT

Kassel 1



KWT

Kassel 1



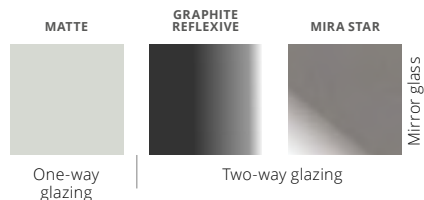
KWX

Kassel 2

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

GLAZING



MODEL	NTT 60	NTT 75
KWT Kassel 1	✓	✓
KWX Kassel 2	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	✓	✓
size 100 E	✓	✓
shortening 10, 20, 30, 40 mm	✓	✓

Fixed aluminium fanlights on page 66
Full list of available accessories on pages 70-71



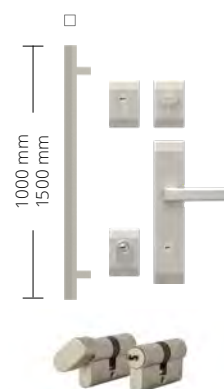
Internal side of the door



Bergen handles
with B-A cylinders (RC2)
as standard

Bergen handles
with single-key MB-B
cylinders (RC2)

Bergen handles
with single-key MC-C
cylinders (RC2)



Amsterdam 1000
with B-A cylinders (RC2)

Amsterdam 1000 with
single-key MB-B
cylinders (RC2)

Amsterdam 1000
with single-key MC-C
cylinders (RC2)

Amsterdam 1500
with B-A cylinders (RC2)

Amsterdam 1500
with single-key MB-B
cylinders (RC2)

Amsterdam 1500
with single-key MC-C
cylinders (RC2)

COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	

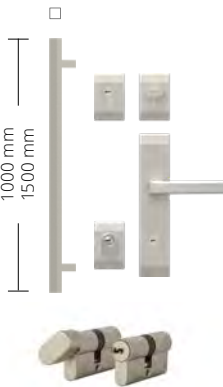
PLATINUM	SILVER
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Bergen handles with B-A cylinders (RC2) **as standard**

Bergen handles with single-key MB-B cylinders (RC2)

Bergen handles with single-key MC-C cylinders (RC2)



Amsterdam 1000 with B-A cylinders (RC2)

Amsterdam 1000 with single-key MB-B cylinders (RC2)

Amsterdam 1000 with single-key MC-C cylinders (RC2)

Amsterdam 1500 with B-A cylinders (RC2)

Amsterdam 1500 with single-key MB-B cylinders (RC2)

Amsterdam 1500 with single-key MC-C cylinders (RC2)



KPN Kronach 1



KPT Kronach 3



KPP Kronach 2



KPZ Kronach 4

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

MODEL	NTT 60	NTT 75
KPN Kronach 1 one-sided detail and insert	✓	✓
KPP Kronach 2 one-sided insert	✓	✓
KPT Kronach 3 one-sided detail and insert	✓	✓
KPZ Kronach 4 one-sided insert	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	✓	✓
size 100 E	✓	✓
insert and detail on the other side	✓	✓
insert on the other side	✓	✓
RC3 package	✓	✓
shortening 10, 20, 30, 40 mm	✓	✓

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Full list of available accessories on pages 70–71



COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	

NTT REVO QUADRO



KPJ Regen 1



KPK Regen 2



KPL Regen 3



KPS Regen 4



KPM Regen 5

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

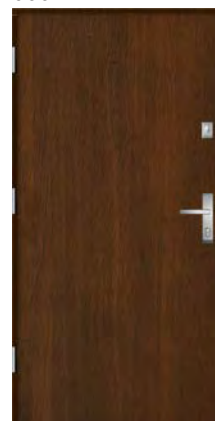
MODEL	NTT 60	NTT 75
KPJ Regen 1 one-sided detail and insert	✓	✓
KPK Regen 2 one-sided insert	✓	✓
KPL Regen 3 one-sided detail and insert	✓	✓
KPS Regen 4 one-sided insert	✓	✓
KPM Regen 5 one-sided detail and insert	✓	✓
KPR Regen 6 one-sided insert	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	✓	✓
size 100 E	✓	✓
insert and detail on the other side	✓	✓
insert on the other side	✓	✓
RC3 package	✓	✓
shortening 10, 20, 30, 40 mm	✓	✓

Fixed aluminium fanlights on page 66
Full list of available accessories
on pages 70-71



Internal side of the door



COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	

REGEN

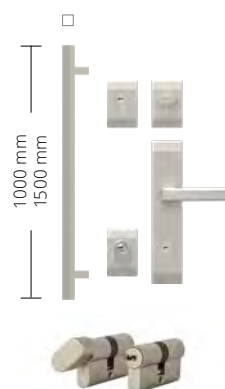
PROPRIETARY DESIGN



Bergen handles
with B-A cylinders (RC2)
as standard

Bergen handles
with single-key MB-B
cylinders (RC2)

Bergen handles
with single-key MC-C
cylinders (RC2)



Amsterdam 1000
with B-A cylinders (RC2)

Amsterdam 1000 with
single-key MB-B
cylinders (RC2)

Amsterdam 1000
with single-key MC-C
cylinders (RC2)

Amsterdam 1500
with B-A cylinders (RC2)

Amsterdam 1500
with single-key MB-B
cylinders (RC2)

Amsterdam 1500
with single-key MC-C
cylinders (RC2)

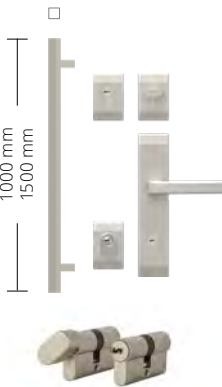
PLATINUM	SILVER
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Bergen handles with B-A cylinders (RC2) **as standard**

Bergen handles with single-key MB-B cylinders (RC2)

Bergen handles with single-key MC-C cylinders (RC2)



Amsterdam 1000 with B-A cylinders (RC2)

Amsterdam 1000 with single-key MB-B cylinders (RC2)

Amsterdam 1000 with single-key MC-C cylinders (RC2)

Amsterdam 1500 with B-A cylinders (RC2)

Amsterdam 1500 with single-key MB-B cylinders (RC2)

Amsterdam 1500 with single-key MC-C cylinders (RC2)



KPE Drezno 1



KPF Drezno 2



KPH Drezno 4

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

MODEL	NTT 60	NTT 75
KPE Drezno 1 one-sided insert	✓	✓
KPF Drezno 2 one-sided insert	✓	✓
KPG Drezno 4 one-sided insert	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	✓	✓
size 100 E	✓	✓
insert on the other side	✓	✓
RC3 package	✓	✓
shortening KPH 10, 20, 30, 40 mm KPE; KPF; KPG 10, 20, 30, 40, 60, 80, 100 mm	✓	✓

Fixed aluminium fanlights on page 66
Full list of available accessories on pages 70–71



Internal side of the door



COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	



KPA Erfurt 1

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

MODEL	NTT 60	NTT 75
KPA Erfurt 1 one-sided insert	✓	✓
KPB Erfurt 2 one-sided insert	✓	✓
KPC Erfurt 3 one-sided insert	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	✓	✓
size 100 E	✓	✓
insert on the other side	✓	✓
RC3 package	✓	✓
shortening 10, 20, 30, 40 mm	✓	✓

Fixed aluminium fanlights on page 66
 Full list of available accessories on pages 70–71



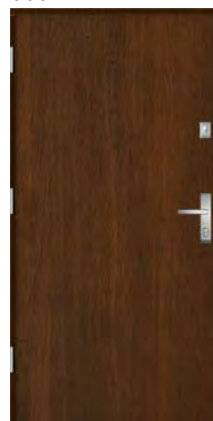
KPB Erfurt 2



KPC Erfurt 3



Internal side of the door



COLOURS

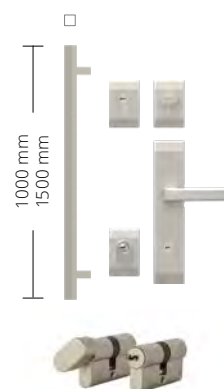
WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	



Bergen handles
 with B-A cylinders (RC2)
as standard

Bergen handles
 with single-key MB-B
 cylinders (RC2)

Bergen handles
 with single-key MC-C
 cylinders (RC2)



Amsterdam 1000
 with B-A cylinders (RC2)

Amsterdam 1000 with
 single-key MB-B
 cylinders (RC2)

Amsterdam 1000
 with single-key MC-C
 cylinders (RC2)

Amsterdam 1500
 with B-A cylinders (RC2)

Amsterdam 1500
 with single-key MB-B
 cylinders (RC2)

Amsterdam 1500
 with single-key MC-C
 cylinders (RC2)

PLATINUM	SILVER
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Bergen handles
with B-A cylinders
(RC2/RC3)
as standard

Bergen handles
with single-key MB-B
cylinders (RC2/RC3)

Bergen handles
with single-key MC-C
cylinders (RC2/RC3)



ELA Brig

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E



MODEL	NTT 60	NTT 75
ELA Brig one-sided panel	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	✓	✓
size 100 E	✓	✓
panel on the other side	✓	✓
RC3 package	✓	✓
shortening 10, 20, 30, 40 mm	✓	✓

Fixed aluminium fanlights on page 66
Full list of available accessories on pages 70–71



ELB Olten

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E



MODEL	NTT 60	NTT 75
ELB Olten one-sided panel	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	✓	✓
size 100 E	✓	✓
panel on the other side	✓	✓
RC3 package (NTT 75/3)	✓	✓
shortening 10, 20, 30, 40 mm	✓	✓

Fixed aluminium fanlights on page 66
Full list of available accessories on pages 70–71

COLOURS



WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	



ELC

Visp

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

CLASSIC STRIP



MODERN STRIP



MODEL	NTT 60	NTT 75
ELC Visp one-sided panel	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	✓	✓
size 100 E	✓	✓
panel on the other side	✓	✓
RC3 package	✓	✓
shortening 10, 20, 30, 40 mm	✓	✓

Fixed aluminium fanlights on page 66
 Full list of available accessories on pages 70–71



ELD

Trin

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

CLASSIC STRIP



MODERN STRIP



MODEL	NTT 60	NTT 75
ELD Trin one-sided panel	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	✓	✓
size 100 E	✓	✓
panel on the other side	✓	✓
RC3 package	✓	✓
shortening 10, 20, 30, 40 mm	✓	✓

Fixed aluminium fanlights on page 66
 Full list of available accessories on pages 70–71



Bergen handles
 with B-A cylinders
 (RC2/RC3)
as standard

Bergen handles
 with single-key MB-B
 cylinders (RC2/RC3)

Bergen handles
 with single-key MC-C
 cylinders (RC2/RC3)

COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	

PLATINUM	SILVER
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Bergen handles with B-A cylinders (RC2/RC3) **as standard**

Bergen handles with single-key MB-B cylinders (RC2/RC3)

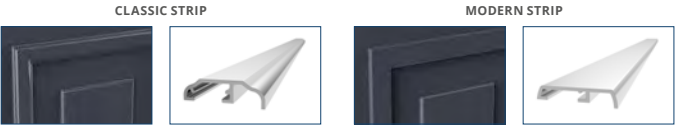
Bergen handles with single-key MC-C cylinders (RC2/RC3)



ELE Berno

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E



MODEL	NTT 60	NTT 75
ELE Berno one-sided panel	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	✓	✓
size 100 E	✓	✓
panel on the other side	✓	✓
RC3 package	✓	✓
shortening 10, 20, 30, 40 mm	✓	✓

Fixed aluminium fanlights on page 66
Full list of available accessories on pages 70–71

CLASSIC STRIP CROSS-SECTION



MODERN STRIP CROSS-SECTION



COLOURS



WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	



NS1 **Milano 8**



NS2 **Milano 9**

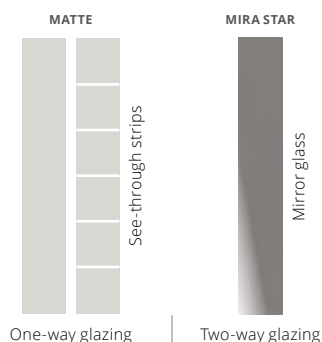


NS9 **Milano 12**

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E **TT 60** 80 N | 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

GLAZING



MODEL	OPTIMA		REVO	
	TT 50	TT 60	NTT 60	NTT 75
NS1 Milano 8	(-)	✓	✓	✓
NS2 Milano 9	(-)	✓	✓	✓
NS9 Milano 12	(-)	✓	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60	NTT 60	NTT 75
ALUTHERM frame	(-)	✓	✓	✓
size 100 E	(-)	✓	✓	✓
shortening 10, 20, 30, 40 mm	(-)	✓	✓	✓

Available fanlights on pages 66–67
 Full list of available accessories on pages 70–71
 Double-sided design

NTT REVO



Bergen handles
 with B-A cylinders (RC2)
as standard

Bergen handles
 with single-key MB-B
 cylinders (RC2)

Bergen handles
 with single-key MC-C
 cylinders (RC2)

Amsterdam 1000
 with B-A cylinders (RC2)

Amsterdam 1000
 with single-key MB-B
 cylinders (RC2)

Amsterdam 1000
 with single-key MC-C
 cylinders (RC2)

Amsterdam 1500
 with B-A cylinders (RC2)

Amsterdam 1500
 with single-key MB-B
 cylinders (RC2)

Amsterdam 1500
 with single-key MC-C
 cylinders (RC2)

TT OPTIMA



Blok handles
 with A-A cylinders

Blok handles
 with single-key MB-B
 cylinders (RC2)

Montreal 1000
 with A-A cylinders

Montreal 1000
 with single-key MB-B
 cylinders (RC2)

Montreal 1500
 with A-A cylinders

Montreal 1500
 with single-key MB-B
 cylinders (RC2)

COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	

PLATINUM	SILVER
----------	--------

NTT REVO



- Bergen handles with B-A cylinders (RC2) **as standard**
- Bergen handles with single-key MB-B cylinders (RC2)
- Bergen handles with single-key MC-C cylinders (RC2)
- Amsterdam 1000 with B-A cylinders (RC2)
- Amsterdam 1000 with single-key MB-B cylinders (RC2)
- Amsterdam 1000 with single-key MC-C cylinders (RC2)
- Amsterdam 1500 with B-A cylinders (RC2)
- Amsterdam 1500 with single-key MB-B cylinders (RC2)
- Amsterdam 1500 with single-key MC-C cylinders (RC2)

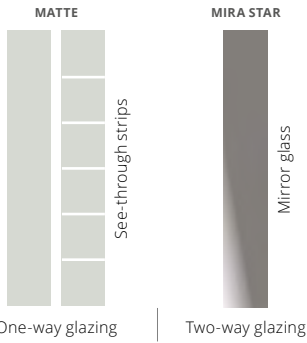


NS3 Milano 10

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E TT 60 80 N | 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

GLAZING



MODEL	OPTIMA		REVO	
	TT 50	TT 60	NTT 60	NTT 75
NS3 Milano 10	(-)	✓	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60	NTT 60	NTT 75
ALUTHERM frame	(-)	✓	✓	✓
size 100 E	(-)	✓	✓	✓
shortening 10, 20, 30, 40 mm	(-)	✓	✓	✓

Available fanlights on pages 66–67
Full list of available accessories on pages 70–71
Double-sided design

TT OPTIMA



- Blok handles with A-A cylinders
- Blok handles with single-key MB-B cylinders (RC2)
- Montreal 1000 with A-A cylinders
- Montreal 1000 with single-key MB-B cylinders (RC2)
- Montreal 1500 with A-A cylinders
- Montreal 1500 with single-key MB-B cylinders (RC2)

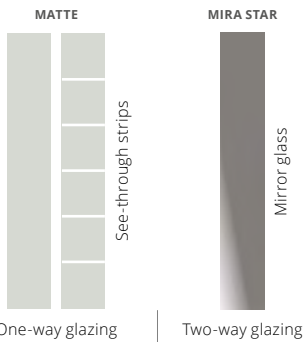


NS4 Milano 11

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E TT 60 80 N | 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

GLAZING



MODEL	OPTIMA		REVO	
	TT 50	TT 60	NTT 60	NTT 75
NS4 Milano 11	(-)	✓	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60	NTT 60	NTT 75
ALUTHERM frame	(-)	✓	✓	✓
size 100 E	(-)	✓	✓	✓
shortening 10, 20, 30, 40, 60, 80, 100 mm	(-)	✓	✓	✓

Available fanlights on pages 66–67
Full list of available accessories on pages 70–71
Double-sided design

COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	





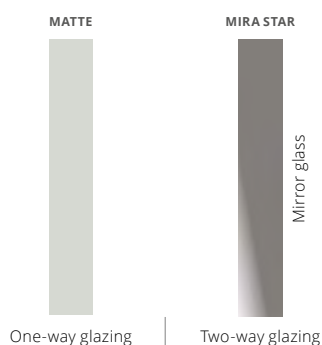
NS5

Hanover 5

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E **TT 60** 80N | 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

GLAZING



MODEL	OPTIMA		REVO	
	TT 50	TT 60	NTT 60	NTT 75
NS5 Hanover 5	(-)	✓	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60	NTT 60	NTT 75
ALUTHERM frame	(-)	✓	✓	✓
size 100 E	(-)	✓	✓	✓
shortening 10, 20, 30, 40, 60, 80, 100 mm	(-)	✓	✓	✓

Available fanlights on pages 66–67
 Full list of available accessories on pages 70–71
 Double-sided design



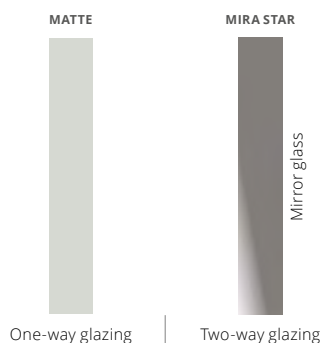
NS6

Hanover 6

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E **TT 60** 80 | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

GLAZING



MODEL	OPTIMA		REVO	
	TT 50	TT 60	NTT 60	NTT 75
NS6 Hanover 6	(-)	✓	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60	NTT 60	NTT 75
ALUTHERM frame	(-)	✓	✓	✓
size 100 E	(-)	✓	✓	✓
shortening 10, 20, 30, 40 mm	(-)	✓	✓	✓

Available fanlights on pages 66–67
 Full list of available accessories on pages 70–71
 Double-sided design

COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	

NTT REVO



Bergen handles
 with B-A cylinders (RC2)
as standard

Bergen handles
 with single-key MB-B
 cylinders (RC2)

Bergen handles
 with single-key MC-C
 cylinders (RC2)

Amsterdam 1000
 with B-A cylinders (RC2)

Amsterdam 1000
 with single-key MB-B
 cylinders (RC2)

Amsterdam 1000
 with single-key MC-C
 cylinders (RC2)

Amsterdam 1500
 with B-A cylinders (RC2)

Amsterdam 1500
 with single-key MB-B
 cylinders (RC2)

Amsterdam 1500
 with single-key MC-C
 cylinders (RC2)

TT OPTIMA



Blok handles
 with A-A cylinders

Blok handles
 with single-key MB-B
 cylinders (RC2)

Montreal 1000
 with A-A cylinders

Montreal 1000
 with single-key MB-B
 cylinders (RC2)

Montreal 1500
 with A-A cylinders

Montreal 1500
 with single-key MB-B
 cylinders (RC2)

PLATINUM	SILVER
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NTT REVO



Bergen handles
with B-A cylinders (RC2)
as standard

Bergen handles
with single-key MB-B
cylinders (RC2)

Bergen handles
with single-key MC-C
cylinders (RC2)

Amsterdam 1000
with B-A cylinders (RC2)

Amsterdam 1000
with single-key MB-B
cylinders (RC2)

Amsterdam 1000
with single-key MC-C
cylinders (RC2)

Amsterdam 1500
with B-A cylinders (RC2)

Amsterdam 1500
with single-key MB-B
cylinders (RC2)

Amsterdam 1500
with single-key MC-C
cylinders (RC2)

TT OPTIMA



Blok handles
with A-A cylinders

Blok handles
with single-key MB-B
cylinders (RC2)

Montreal 1000
with A-A cylinders

Montreal 1000
with single-key MB-B
cylinders (RC2)

Montreal 1500
with A-A cylinders

Montreal 1500
with single-key MB-B
cylinders (RC2)



NS7

Innsbruck

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

TT 60 80 N | 80 | 90 N | 90 E | 100 E

GLAZING

MATTE



One-way glazing

MIRA STAR



Two-way glazing

Mirror glass

MODEL	OPTIMA		REVO	
	TT 50	TT 60	NTT 60	NTT 75
NS7 Innsbruck	(-)	✓	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60	NTT 60	NTT 75
ALUTHERM frame	(-)	✓	✓	✓
size 100 E	(-)	✓	✓	✓

Available fanlights on pages 66–67

Full list of available accessories on pages 70–71

Double-sided design

DOOR SIZES

NTT 60 80 | 90 N | 90 E | 100 E
NTT 75 80 | 90 N | 90 E | 100 E

TT 50 80 N | 80 | 90 N | 90 E | 100 E
TT 60 80 N | 80 | 90 N | 90 E | 100 E

MODEL	OPTIMA		REVO	
	TT 50	TT 60	NTT 60	NTT 75
W00 Flat surface	✓	✓	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60	NTT 60	NTT 75
ALUTHERM frame	(-)	✓	✓	✓
Perfotherm® frame	✓	(-)	(-)	(-)
size 100 E	✓	✓	✓	✓
RC3 package	(-)	✓	✓	✓
shortening 10, 20, 30, 40, 60, 80, 100 mm	(-)	✓	✓	✓

Available fanlights on pages 66–67

Full list of available accessories on pages 70–71



W00

Flat surface

COLOURS



WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	



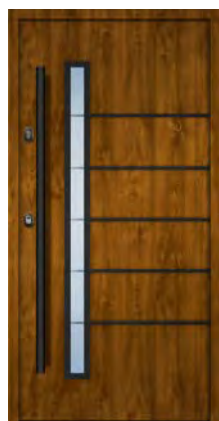
SNUA Milano 4A

Stainless inserts



SNU Milano 4

Pressed without inserts



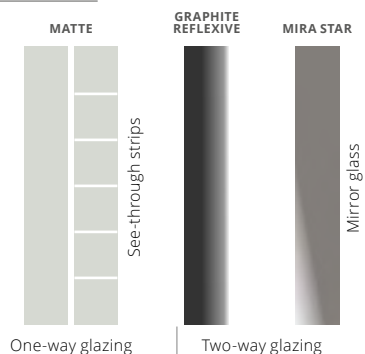
SNUB Milano 4B

Black inserts

DOOR SIZES

TT 60 80 N | 80 | 90 N | 90 E | 100 E

GLAZING



MODEL	TT 50	TT 60
SNU Milano 4	(-)	✓
SNUA Milano 4A	(-)	✓
SNUB Milano 4B	(-)	✓

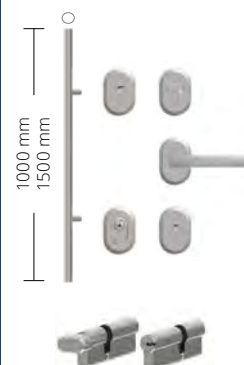
AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
ALUTHERM OPTIMA frame	(-)	✓
size 100 E	(-)	✓
shortening 10, 20, 30, 40, 60, 80, 100 mm	(-)	✓

Available fanlights on pages 66–67
Full list of available accessories on pages 70–71
Double-sided design



Blok handles
with A-A cylinders
as standard

Blok handles
with single-key MB-B
cylinders (RC2)



Montreal 1000
with A-A cylinders

Montreal 1000
with single-key MB-B
cylinders (RC2)

Montreal 1500
with A-A cylinders

Montreal 1500
with single-key MB-B
cylinders (RC2)

COLOURS

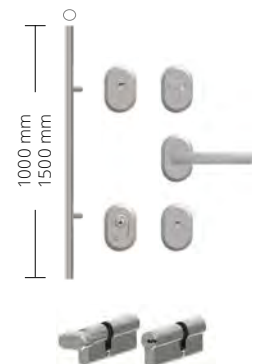
WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	





Blok handles
with A-A cylinders
as standard

Blok handles
with single-key MB-B
cylinders (RC2)

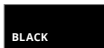


Montreal 1000
with A-A cylinders

Montreal 1000
with single-key MB-B
cylinders (RC2)

Montreal 1500
with A-A cylinders

Montreal 1500
with single-key MB-B
cylinders (RC2)



NT1

Turyn 1



NT2

Turyn 2



NT1B

Turyn 1B



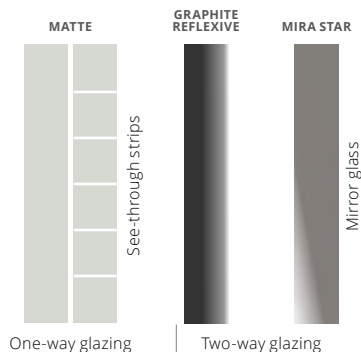
NT2B

Turyn 2B

DOOR SIZES

TT 60 80 N | 80 | 90 N | 90 E | 100 E

GLAZING



MODEL	TT 50	TT 60
NT1 Turyn 1	(-)	✓
NT2 Turyn 2	(-)	✓
NT1B Turyn 1B	(-)	✓
NT2B Turyn 2B	(-)	✓

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
ALUTHERM OPTIMA frame	(-)	✓
size 100 E	(-)	✓

Available fanlights on pages 66–67
Full list of available accessories on pages 70–71
Double-sided design

COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	



SOJ

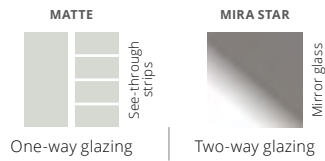
Bergamo 2

Stainless inserts

DOOR SIZES

TT 50 80 N | 80 | 90 N | 90 E | 100 E
TT 60 80 N | 80 | 90 N | 90 E | 100 E

GLAZING



MODEL	TT 50	TT 60
SOJ Bergamo 2	(-)	✓

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
Perfotherm® frame	✓	(-)
ALUTHERM OPTIMA frame	(-)	✓
size 100 E	✓	✓
RC3 package (full designs)	(-)	✓

Available fanlights on pages 66–67
Full list of available accessories on pages 70–71
Double-sided design



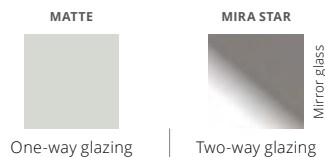
SJ9

Nicea 9

DOOR SIZES

TT 50 80 N | 80 | 90 N | 90 E | 100 E
TT 60 80 N | 80 | 90 N | 90 E | 100 E

GLAZING



MODEL	TT 50	TT 60
SJ9 Nicea 9	(-)	✓

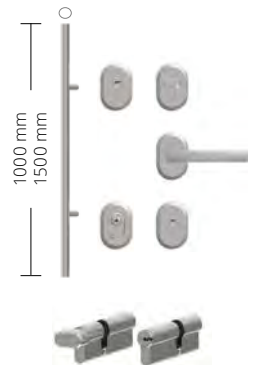
AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
Perfotherm® frame	✓	(-)
ALUTHERM OPTIMA frame	(-)	✓
size 100 E	✓	✓
RC3 package (full designs)	(-)	✓
shortening 10, 20, 30, 40 mm	✓	✓

Available fanlights on pages 66–67
Full list of available accessories on pages 70–71
Double-sided design



Blok handles
with A-A cylinders
as standard

Blok handles
with single-key MB-B
cylinders (RC2)



Montreal 1000
with A-A cylinders

Montreal 1000
with single-key MB-B
cylinders (RC2)

Montreal 1500
with A-A cylinders

Montreal 1500
with single-key MB-B
cylinders (RC2)

COLOURS

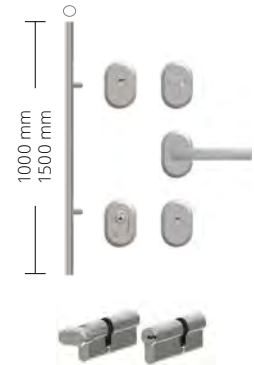
WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	

BLACK
PLATINUM
SILVER



Blok handles with A-A cylinders **as standard**

Blok handles with single-key MB-B cylinders (RC2)



Montreal 1000 with A-A cylinders

Montreal 1000 with single-key MB-B cylinders (RC2)

Montreal 1500 with A-A cylinders

Montreal 1500 with single-key MB-B cylinders (RC2)

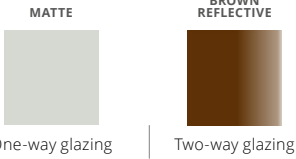


SBE Berlin 4

DOOR SIZES

TT60 80 N | 80 | 90 N | 90 E | 100 E

GLAZING



MODEL	TT 50	TT 60
SBE Berlin 4	(-)	✓

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
ALUTHERM OPTIMA frame	(-)	✓
size 100 E	(-)	✓
shortening 10, 20, 30, 40, 60, 80, 100 mm	(-)	✓

Available fanlights on pages 66–67
Full list of available accessories on pages 70–71
Double-sided design

COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	



ST4A

Uppsala 1A

Stainless inserts



ST4

Uppsala 1

Pressed without inserts

DOOR SIZES

TT 50 80 N | 80 | 90 N | 90 E | 100 E
TT 60 80 N | 80 | 90 N | 90 E | 100 E

MODEL	TT 50	TT 60
ST4 Uppsala 1	✓	✓
ST4A Uppsala 1A	✓	✓

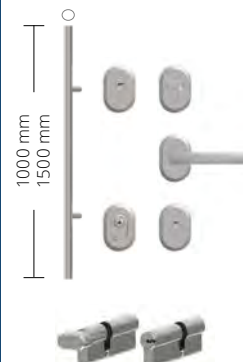
AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
Perfotherm® frame	✓	(-)
ALUTHERM OPTIMA frame	(-)	✓
size 100 E	✓	✓
RC3 package (full designs)	(-)	✓

Available fanlights on pages 66–67
Full list of available accessories on pages 70–71
Double-sided design



Blok handles
with A-A cylinders
as standard

Blok handles
with single-key MB-B
cylinders (RC2/RC3)



Montreal 1000
with A-A cylinders

Montreal 1000
with single-key MB-B
cylinders (RC2)

Montreal 1500
with A-A cylinders

Montreal 1500
with single-key MB-B
cylinders (RC2)

COLOURS

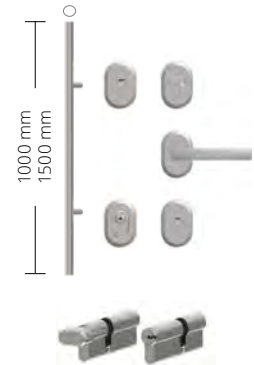
WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	

	BLACK
PLATINUM	SILVER



Blok handles
with A-A cylinders
as standard

Blok handles
with single-key MB-B
cylinders (RC2/RC3)

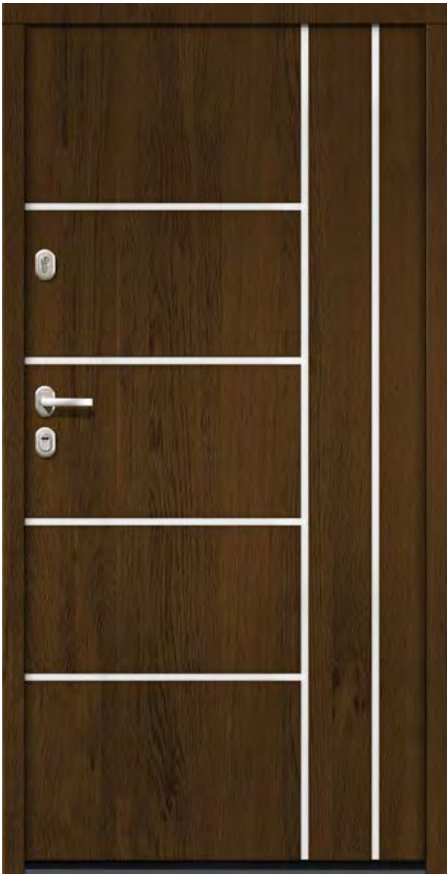


Montreal 1000
with A-A cylinders

Montreal 1000
with single-key MB-B
cylinders (RC2)

Montreal 1500
with A-A cylinders

Montreal 1500
with single-key MB-B
cylinders (RC2)



ST5A **Uppsala 2A**
Stainless inserts



ST5 **Uppsala 2**
Pressed without inserts

DOOR SIZES

TT 50	80 N	80	90 N	90 E	100 E
TT 60	80 N	80	90 N	90 E	100 E

MODEL	TT 50	TT 60
ST5 Uppsala 2	✓	✓
ST5A Uppsala 2A	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
Perfotherm® frame	✓	(-)
ALUTHERM OPTIMA frame	(-)	✓
size 100 E	✓	✓
RC3 package (full designs)	(-)	✓

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Full list of available accessories on pages 70–71
Double-sided design

COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	



TMM **Tokio 2A**

Stainless inserts



TML **Tokio 1**

Pressed without inserts



TMM **Tokio 2**

Pressed without inserts



TMLA **Tokio 1A**

Stainless inserts

DOOR SIZES

TT 50 80 N | 80 | 90 N | 90 E | 100 E
TT 60 80 N | 80 | 90 N | 90 E | 100 E

MODEL	TT 50	TT 60
TML Tokio 1	✓	✓
TMLA Tokio 1A	✓	✓
TMM Tokio 2	✓	✓
TMMA Tokio 2A	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
Perfotherm® frame	✓	(-)
ALUTHERM OPTIMA frame	(-)	✓
size 100 E	✓	✓
RC3 package (full designs)	(-)	✓

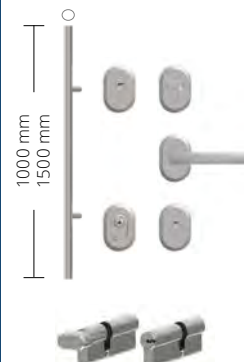
Available fanlights on pages 66–67
 Full list of available accessories on pages 70–71
 Double-sided design

Door pull not available with versions TMM, TMMa.



Blok handles
 with A-A cylinders
as standard

Blok handles
 with single-key MB-B
 cylinders (RC2/RC3)



Montreal 1000
 with A-A cylinders

Montreal 1000
 with single-key MB-B
 cylinders (RC2)

Montreal 1500
 with A-A cylinders

Montreal 1500
 with single-key MB-B
 cylinders (RC2)

COLOURS

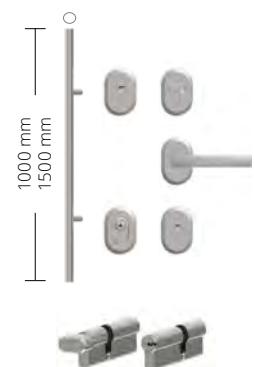
WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	

BLACK
PLATINUM
SILVER



Blok handles
with A-A cylinders
as standard

Blok handles
with single-key MB-B
cylinders (RC2/RC3)



Montreal 1000
with A-A cylinders

Montreal 1000
with single-key MB-B
cylinders (RC2)

Montreal 1500
with A-A cylinders

Montreal 1500
with single-key MB-B
cylinders (RC2)



ST8

Ryga

DOOR SIZES

TT 50 80 N | 80 | 90 N | 90 E | 100 E
TT 60 80 N | 80 | 90 N | 90 E | 100 E

MODEL	TT 50	TT 60
ST8 Ryga	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
Perfotherm® frame	✓	(-)
ALUTHERM OPTIMA frame	(-)	✓
size 100 E	✓	✓
RC3 package (full designs)	(-)	✓

Available fanlights on pages 66–67
Full list of available accessories on pages 70–71
Double-sided design



ST9

Lund

DOOR SIZES

TT 50 80 N | 80 | 90 N | 90 E | 100 E
TT 60 80 N | 80 | 90 N | 90 E | 100 E

MODEL	TT 50	TT 60
ST9 Lund	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
Perfotherm® frame	✓	(-)
ALUTHERM OPTIMA frame	(-)	✓
size 100 E	✓	✓
RC3 package (full designs)	(-)	✓

Available fanlights on pages 66–67
Full list of available accessories on pages 70–71
Double-sided design

COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	



TN7

Aspen 2



WBA

Aspen 1



TN7B

Aspen 2B

DOOR SIZES

TT 50 80 N | 80 | 90 N | 90 E | 100 E
TT 60 80 N | 80 | 90 N | 90 E | 100 E

MODEL	TT 50	TT 60
WBA Aspen 1	✓	✓
TN7 Aspen 2	✓	✓
TN7B Aspen 2B	✓	✓

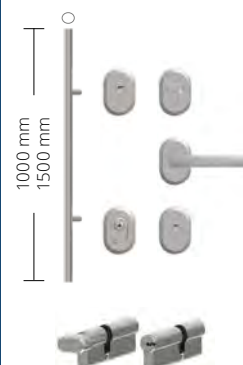
AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
Perfotherm® frame	✓	(-)
ALUTHERM OPTIMA frame	(-)	✓
size 100 E	✓	✓
RC3 package (full designs)	(-)	✓
shortening 10, 20, 30, 40, 60, 80, 100 mm	✓	✓

Available fanlights on pages 66–67
Full list of available accessories on pages 70–71
Double-sided design



Blok handles
with A-A cylinders
as standard

Blok handles
with single-key MB-B
cylinders (RC2/RC3)



Montreal 1000
with A-A cylinders

Montreal 1000
with single-key MB-B
cylinders (RC2)

Montreal 1500
with A-A cylinders

Montreal 1500
with single-key MB-B
cylinders (RC2)

COLOURS

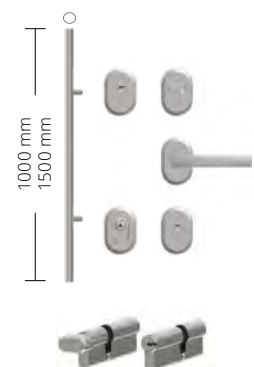
WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	





Blok handles
with A-A cylinders
as standard

Blok handles
with single-key MB-B
cylinders (RC2/RC3)



Montreal 1000
with A-A cylinders

Montreal 1000
with single-key MB-B
cylinders (RC2)

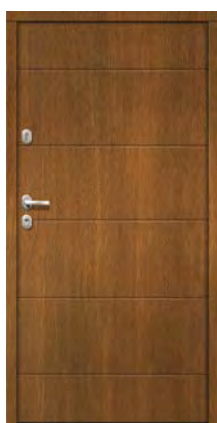
Montreal 1500
with A-A cylinders

Montreal 1500
with single-key MB-B
cylinders (RC2)



SR3

Tromso



SR4

Tromso 1



SR5

Tromso 2

DOOR SIZES

TT 50 80 N | 80 | 90 N | 90 E | 100 E
TT 60 80 N | 80 | 90 N | 90 E | 100 E

MODEL	TT 50	TT 60
SR3 Tromso	✓	✓
SR4 Tromso 1	✓	✓
SR5 Tromso 2	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
Perfotherm® frame	✓	(-)
ALUTHERM OPTIMA frame	(-)	✓
size 100 E	✓	✓
RC3 package (full designs)	(-)	✓
shortening SR4 10, 20, 30, 40 mm	✓	✓

Available fanlights on pages 66–67
Full list of available accessories on pages 70–71
Double-sided design

COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	

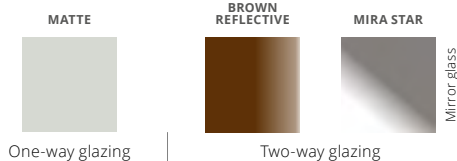


W78

Modena 3

DOOR SIZES

TT 60 80 | 90 N | 90 E

GLAZING

MODEL	TT 50	TT 60
W77 Modena 2	(-)	✓
W76 Modena	(-)	✓
W78 Modena 3	(-)	✓
WJ1 Nicea 5	(-)	✓
WDR Ravenna	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
Perfotherm® frame	✓	(-)
ALUTHERM OPTIMA frame	(-)	✓
RC3 package (full designs)	(-)	✓
shortening 10, 20, 30, 40, 60, 80, 100 mm	✓	✓

Available fanlights on pages 66–67
 Full list of available accessories on pages 70–71
 Double-sided design



W76

Modena



W77

Modena 2



WDR

Ravenna



WJ1

Nicea 5



Blok handles
 with A-A cylinders
as standard

Blok handles
 with single-key MB-B
 cylinders (RC2/RC3)

COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	





Blok handles
with A-A cylinders
as standard

Blok handles
with single-key MB-B
cylinders (RC2/RC3)



W23

Olympia

DOOR SIZES

TT 60 80 N | 80 | 90 N | 90 E | 100 E

GLAZING



MODEL	TT 50	TT 60
W23 Olympia	(-)	✓

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
ALUTHERM OPTIMA frame	(-)	✓
size 100 E	(-)	✓
shortening 10, 20, 30, 40, 60, 80, 100 mm	(-)	✓

Available fanlights on pages 66–67
Full list of available accessories on pages 70–71
Double-sided design

COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	





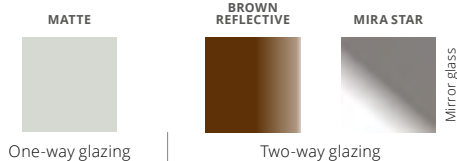
WQ4

Werona 5

DOOR SIZES

TT 50 80 | 90 N | 90 E
TT 60 80 | 90 N | 90 E

GLAZING



MODEL	TT 50	TT 60
WQA Werona 5	(-)	✓
W91 Werona	✓	✓
W94 Werona 1	(-)	✓
W93 Werona 3	(-)	✓
W6A Werona 4	(-)	✓

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
Perfotherm® frame	✓	(-)
ALUTHERM OPTIMA frame	(-)	✓
RC3 package (full designs)	(-)	✓
shortening 10, 20, 30, 40, 60, 80, 100 mm	✓	✓

Available fanlights on pages 66–67
Full list of available accessories on pages 70–71
Double-sided design



W91

Werona



W94

Werona 1



W93

Werona 3



W6A

Werona 4

COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	



Blok handles
with A-A cylinders
as standard

Blok handles
with single-key MB-B
cylinders (RC2/RC3)





Blok handles
with A-A cylinders
as standard

Blok handles
with single-key MB-B
cylinders (RC2/RC3)



W24

Lizbona

DOOR SIZES

TT 50 80 | 90 N | 90 E
TT 60 80 | 90 N | 90 E

MODEL	TT 50	TT 60
W24 Lizbona	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
Perfotherm® frame	✓	(-)
ALUTHERM OPTIMA frame	(-)	✓
RC3 package (full designs)	(-)	✓
shortening 10, 20, 30, 40, 60, 80, 100 mm	✓	✓

Available fanlights on pages 66–67
Full list of available accessories on pages 70–71
Double-sided design



W9N

Wenecja

DOOR SIZES

TT 50 80 | 90 N | 90 E
TT 60 80 | 90 N | 90 E

MODEL	TT 50	TT 60
W9N Wenecja	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
Perfotherm® frame	✓	(-)
ALUTHERM OPTIMA frame	(-)	✓
RC3 package (full designs)	(-)	✓
shortening 10, 20, 30, 40, 60, 80, 100 mm	✓	✓

Available fanlights on pages 66–67
Full list of available accessories on pages 70–71
Double-sided design

COLOURS



WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	



W5L Londyn 1

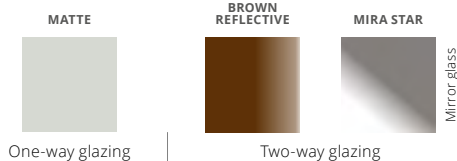


W13 Londyn

DOOR SIZES

TT 50 80 | 90 N | 90 E
TT 60 80 | 90 N | 90 E

GLAZING



MODEL	TT 50	TT 60
W5L Londyn 1	(-)	✓
W13 Londyn	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
Perfotherm® frame	✓	(-)
ALUTHERM OPTIMA frame	(-)	✓
RC3 package (full designs)	(-)	✓
shortening 10, 20, 30, 40, 60, 80, 100 mm	✓	✓

Available fanlights on pages 66–67
Full list of available accessories on pages 70–71
Double-sided design



Blok handles
with A-A cylinders
as standard

Blok handles
with single-key MB-B
cylinders (RC2/RC3)

COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	





Blok handles
with A-A cylinders
as standard

Blok handles
with single-key MB-B
cylinders (RC2/RC3)



W53 Barcelona 1



W54 Barcelona

DOOR SIZES

TT 50 80 | 90 N | 90 E
TT 60 80 | 90 N | 90 E

GLAZING

MATTE



One-way glazing

BROWN REFLECTIVE



Two-way glazing

MIRA STAR



Mirror glass

MODEL	TT 50	TT 60
W53 Barcelona 1	(-)	✓
W54 Barcelona	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
Perfotherm® frame	✓	(-)
ALUTHERM OPTIMA frame	(-)	✓
RC3 package (full designs)	(-)	✓
shortening 10, 20, 30, 40, 60, 80, 100 mm	✓	✓

Available fanlights on pages 66–67
Full list of available accessories on pages 70–71
Double-sided design

COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	





G75 Genewa 2



D75 Genewa 3

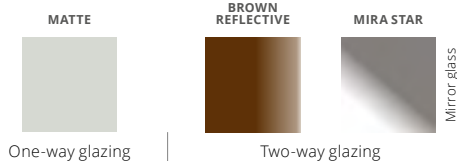


G76 Genewa 1

DOOR SIZES

TT 50 80 N | 80 | 90 N | 90 E | 100 E
TT 60 80 N | 80 | 90 N | 90 E | 100 E

GLAZING



MODEL	TT 50	TT 60
G76 Genewa 1	(-)	✓
G75 Genewa 2	(-)	✓
D75 Genewa 3	✓	✓

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
Perfotherm® frame	✓	(-)
ALUTHERM OPTIMA frame	(-)	✓
size 100 E	(-)	✓
RC3 package (full designs)	(-)	✓
shortening 10, 20, 30, 40, 60, 80, 100 mm	✓	✓

Available fanlights on pages 66–67
 Full list of available accessories on pages 70–71
 Double-sided design, shallow embossing



Blok handles
 with A-A cylinders
as standard

Blok handles
 with single-key MB-B
 cylinders (RC2/RC3)

COLOURS

WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF	LIGHT CHESTNUT FRP
ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ	LIGHT WENGE FEJ	



TT OPTIMA DUO 60 DOORS

TT OPTIMA DUO 60 are a great choice for those looking for doors with non-standard dimensions. The use of a so-called passive leaf makes it possible to save space. The passive leaf is available both solid and glazed; a glazed leaf also serves as a side fanlight.

Parameters

- designed to serve as entrance doors in single- and multi-family buildings; 61 mm-thick steel leaves filled with modified expanded polystyrene;
- available bundled with a PERFOTHERM® steel frame and an aluminium threshold;
- optionally delivered with an ALUTHERM OPTIMA aluminium frame for an additional fee; passive leaves available in solid and glazed versions, in sizes 30, 40, 50;
- doors available in 10 colours;

External frame and assembly opening dimensions are given on pages 72-75.



PASSIVE LEAF DESIGNS

NAME	SIZE
P00	30 40 50
PD4	40
GH1	40 50
GC2	40 50
GN5	30 40 50
GPD	30 40 50
DN3 / DN3B	30 40 50
DN6	30 40 50
DT8	30 40 50
DW9	30 40 50
DW8	30 40 50
DPE	30 40 50



P00



PD4



GH1



GC2



GN5



GPD



DN3 DN3B



DN6



DT8



DW9



DW8



DPE

NAME	SIZE
PD5	30 40 50
PD5A	
NMB	
NMBA	
NMA	
NMAA	



PD5



PD5A



NMB



NMBA



NMA



NMAA

SAMPLE DESIGNS OF **TT OPTIMA DUO 60** DOORS



TMM TOKIO 2 + P00



W24 LIZBONA + PD4



ST8 RYGA + NMB



ST4A UPPSALA 1A + NMAA



TN7 ASPEN 2 + NMB



ST5 UPPSALA 2 + GPD



TMLA TOKIO 1A + DN6



W78 MODENA 3 + GN5



NS3 MILANO 10 + P00



SOJ BERGAMO 2 + NMBA



NS3 MILANO 10 + NMBA



SNU MILANO 4 + PD5



NS5 HANOVER 5 + DW9



NS6 HANOVER 6 + DW8



NT2 TURYN 2 + DT8



NS9 MILANO 12 + DN6

COLOURS



The door designs presented in this brochure are available in the above colours.

Leaf and frame veneers (double-sided PVC foil).

Details on the doors (second colour on NTT REVO doors) are available in all door veneer colours plus inox and black.

Two-coloured doors are available for an additional fee.

PERFOTHERM® and DUOTHERM frames are available in single colour only. ALUTHERM and ALUTHERM OPTIMA frames are available in double colour without an additional fee.

Slight variations in the colour of veneer may occur between individual product lots due to the nature of the material and the manufacturing process.

TECHNICAL INFORMATION/PROS

Aluminium fanlights

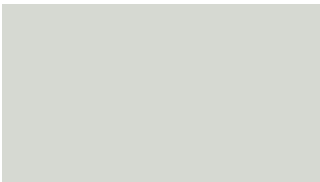
- a warm profile of the ALUTHERM door frame manufactured by GERDA
- aluminium fanlights are made of warm aluminium ALUTHERM profiles
- the use of extended thermal bridges ensures that fanlights possess excellent thermal insulation parameters
- the fanlights feature a warm three-pane set with a P2 or P4 or safe glass
- available in all the same colours as NTT REVO and TT OPTIMA doors
- the set can be produced in two different colours (on the inside/outside)
- comes with a modern warm and weather-resistant aluminium or PVC threshold
- the design of the door frames enables the installation of doors that swing out or in

Steel fanlights

- frame and profiles are manufactured using the PERFO-THERM® system; PERFOTHERM® is a patented method of perforating profiles with a high level of heat insulation while maintaining their durability parameters.
- the fanlights feature a warm two-pane set with safe or P2 glass
- available in all the same colours as TT OPTIMA 60 doors
- comes with a modern weather-resistant aluminium threshold the design of the frames enables the installation of doors that swing out or in

GLAZING COLOURS

MATTE



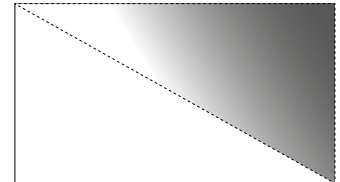
MIRA STAR



GRAPHITE REFLEXIVE



PRIVA LITE



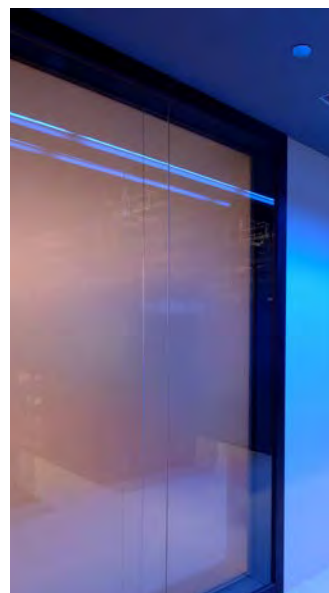
PRIVA-LITE®*

PRIVA-LITE® is a modern liquid crystal glass that can instantly turn from matte** to transparent with one click, without any changes in light penetration parameters.

PRIVA-LITE® affords you a sense of full privacy, comfort and safety, without negatively affecting the light penetration parameters of the glass.

* option available only with NTT REVO and aluminium fanlights

** the matte form of PRIVA-LITE® glass is not exactly the same colour as the optional matte glazing of the door leaf



ALUMINIUM FANLIGHT NTT REVO AND TT OPTIMA 60 DOORS

AVAILABLE FANLIGHT VARIANTS



EXTERNAL DIMENSIONS OF THE FRAME

ALUTHERM FRAME – DIMENSIONS

Size	Height Hz	Width B
80N	2087 mm	888 mm
80		918 mm
90N		988 mm
90E		1031 mm
100E		1131 mm

SIDE FANLIGHTS

Width Ld/Pd	200 mm – 400 mm	405 mm – 600 mm	605 mm – 900 mm	External glazing
Height Hz	✓	✓	✓	safe
2087 mm	✓	✓	✓	burglar resistant P2
	✓	✓	✓	Priva Lite burglar resistant P2*
	Additional fee added to the price of a fanlight with a P2 glazing			burglar resistant P4 (optionally custom-made)

* Priva Lite burglar resistant P2 = glazing package Priva Lite burglar resistant P2 + power supply unit + 10 m power supply cable + wireless switch. Priva Lite package is available only with side fanlights and NTT REVO doors

TOP FANLIGHTS

Width Ld/B/Pd	918 mm – 1100 mm	1105 mm – 1310 mm	1315 mm – 1520 mm	1525 mm – 1730 mm	1735 mm – 1940 mm	1945 mm – 2150 mm	2155 mm – 2360 mm	2365 mm – 2570 mm	External glazing
Height	Hc	Hd							
2287 – 2437 mm	200 – 350 mm	✓	✓	✓	✓	✓	✓	✓	safe
2442 – 2587 mm	355 – 500 mm	✓	✓	✓	✓	✓	✓	✓	
2287 – 2437 mm	200 – 350 mm	✓	✓	✓	✓	✓	✓	✓	burglar proof P2
2442 – 2587 mm	355 – 500 mm	✓	✓	✓	✓	✓	✓	✓	
2287 – 2437 mm	200 – 350 mm	Additional fee added to the price of a fanlight with a P2 glazing							burglar proof P4
2442 – 2587 mm	355 – 500 mm								

STEEL FANLIGHTS TT OPTIMA 60 DOORS

AVAILABLE FANLIGHT VARIANTS



EXTERNAL DIMENSIONS OF THE FRAME

PERFOTHERM FRAME – DIMENSIONS

Size	Height Hz	Width B
80N	2076 mm	866 mm
80		896 mm
90N		966 mm
90E		1009 mm
100E		1109 mm

SIDE FANLIGHTS

Width Ld/Pd	300 mm	500 mm	External glazing
Height Hz			
2076 mm	✓	✓	safe
	✓	✓	burglar proof P2

TOP FANLIGHTS

Width Ld/B/Pd	Side fanlights (Ld/Lb)	No side light	300 mm	500 mm	300 mm +300 mm	300 mm +500 mm	500 mm +500 mm	External glazing
Height	DOORS "80"	896 mm	1196 mm	1396 mm	1496 mm	1696 mm	1896 mm	
	DOORS "90E"	1009 mm	1309 mm	1509 mm	1609 mm	1809 mm	2009 mm	
	DOORS "100E"	1109 mm	1409 mm	1609 mm	1709 mm	1909 mm	2109 mm	
Hc	Hd							
2376 mm	300 mm	✓	✓	✓	✓	✓	✓	safe
		✓	✓	✓	✓	✓	✓	burglar proof P2

NTT REVO ACCESSORY SETS

BERGEN HANDLE SETS

- The set includes a full package of components needed to equip the door
- Specifications given in the table.



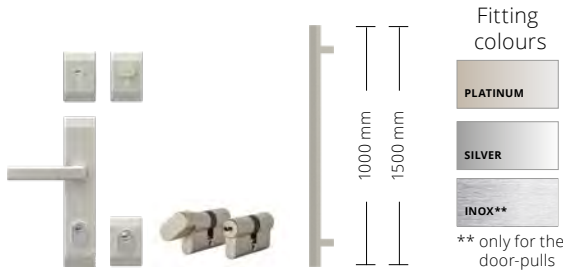
Fitting colours



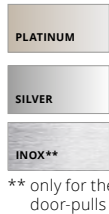
ACCESSORY SET	BERGEN B-A	BERGEN MB-B	BERGEN MC-C
	✓	✓	✓
Main lock cylinder	EVO	EVO	PROSYSTEM
Additional locking handle cylinder	WKE1	EVO	PROSYSTEM
Unprotected Bergen top cylinder escutcheon*			
Protected Bergen top cylinder escutcheon with handles			
Decorative hinge caps in the same colour as the escutcheons			
*protected upper cylinder escutcheon available only with set MB-B for an additional fee			

AMSTERDAM PULL AND HANDLE SETS

- The set includes a full package of components needed to equip the door.
- Specifications given in the table.
- Only for RC2/RC3-class doors.
- Not available for ELITE 3D series.



Fitting colours



ACCESSORY SET	AMSTERDAM 1000 B-A	AMSTERDAM 1000 MB-B	AMSTERDAM 1000 MC-C
	✓	✓	✓
ACCESSORY SET	AMSTERDAM 1500 B-A	AMSTERDAM 1500 MB-B	AMSTERDAM 1000 MC-C
	✓	✓	✓
Main lock cylinder	EVO	EVO	PROSYSTEM
Additional locking handle cylinder	WKE1	EVO	PROSYSTEM
Amsterdam 1500 mm square door pull			
Unprotected Bergen top cylinder escutcheon*			
Protected Bergen top cylinder escutcheon with handles			
Decorative hinge caps in the same colour as the escutcheons			
*protected upper cylinder escutcheon available only with set MB-B for an additional fee			

WKE1 basic cylinder



EVO class 5.1.B burglar-proof cylinder



PROSYSTEM burglar-proof cylinder



EVO single key system 5.1.B burglar-proof class



AVAILABLE CYLINDERS	MAIN LOCK CYLINDER			MAIN LOCK CYLINDER		
	MODEL	SIZE		MODEL	SIZE	
NTT REVO 60	WKE1 basic cylinder	35/50	✓	WKE1 locking handle	G35/50	✓
	EVO class 5.1.B burglar-proof cylinder	35/50	✓	EVO locking handle	G50/35	✓
	EVO single- key system	35/50		bundled with	G35/50	✓
	PROSYSTEM single- key system	35/50		bundled with	G50/35	✓
		35/50		bundled with	G35/50	✓
NTT REVO 60 RC3	EVO class 5.1.B burglar-proof cylinder with a gear rack	35/50Z	✓	WKE1 locking handle	G35/50	✓
				EVO locking handle	G50/35	✓
	EVO single- key system	35/50Z		bundled with	G35/50	✓
	PROSYSTEM single- key system	35/50Z		bundled with	G50/35	✓
		35/50Z		bundled with	G35/50	✓
NTT REVO 75	EVO class 5.1.B burglar-proof cylinder with a gear rack	45/55Z	✓	WKE1 locking handle	G45/55	✓
				EVO locking handle	G55/45	✓
	EVO single key system	45/55Z		bundled with	G45/55	✓
	PROSYSTEM single- key system	45/55Z		bundled with	G55/45	✓
		45/55Z		bundled with	G45/55	✓

BLOK HANDLE SETS

- The set includes a full package of components needed to equip the door
- Specifications given in the table.



ACCESSORY SET	HANDLE/HANDLE	
	BLOK A-A	BLOK MB-B
	✓	✓

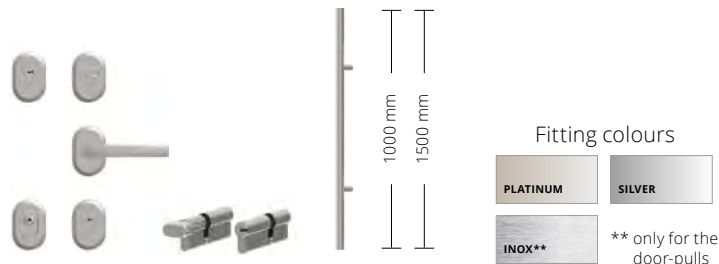
ACCESSORY SET	HANDLE/KNOB	
	BLOK A-A	BLOK MB-B
	✓	✓

Main lock cylinder	WKE1	EVO	single key system
Additional locking handle cylinder	WKE1	EVO	
Main cylinder escutcheon	unprotected	protected	
Top cylinder escutcheon	unprotected	unprotected*	

*additional fee for a protected escutcheon

MONTREAL HANDLE AND PULL SETS

- The set includes a full package of components needed to equip the door
- Specifications given in the table.



ACCESSORY SET	MONTREAL 1000 A-A	MONTREAL 1000 MB-B
	✓	✓

Main lock cylinder	EVO	EVO	single key system
Additional locking handle cylinder	WKE1	EVO	
MONTREAL 1000 mm door pull CIRCULAR			
Main cylinder escutcheon	unprotected	protected	
Top cylinder escutcheon	unprotected	unprotected*	

*additional fee for a protected escutcheon

ACCESSORY SET	MONTREAL 1500 B-A	MONTREAL 1500 MB-B
	✓	✓

Main lock cylinder	EVO	EVO	single key system
Additional locking handle cylinder	WKE1	EVO	
Main cylinder escutcheon	unprotected	protected	
Top cylinder escutcheon	unprotected	unprotected*	

*additional fee for a protected escutcheon

WKE1 basic cylinder



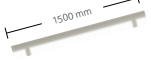
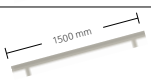
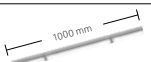
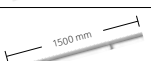
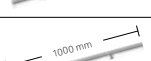
EVO single key system
5.1.B burglar-proof class



AVAILABLE CYLINDERS	MAIN LOCK CYLINDER			ADDITIONAL LOCK CYLINDER		
	MODEL	SIZE		MODEL	SIZE	
TT OPTIMA 50	WKE1 basic cylinder	30/45	✓	WKE1 knob	G30/45	✓
	EVO class 5.1.B burglar-proof cylinder	30/45	✓	WKE1 knob	G45/30	✓
	EVO set – single key system	30/45	bundled with		G30/45	✓
		30/45	bundled with		G45/30	
TT OPTIMA 60	WKE1 basic cylinder	35/50	✓	WKE1 knob	G35/50	✓
	EVO class 5.1.B burglar-proof cylinder	35/50	✓	WKE1 knob	G50/35	✓
	EVO single key system	35/50	bundled with		G35/50	✓
		35/50	bundled with		G50/35	
TT OPTIMA 60 RC3	EVO single key system	35/50Z	bundled with		G35/50	✓
		35/50Z	bundled with		G50/35	

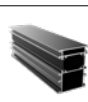
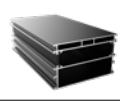
OPTIONAL ACCESSORIES

AVAILABLE FOR AN ADDITIONAL FEE DO DOORS	TT OPTIMA		NTT REVO	
	TT 50	TT 60	NTT 60	NTT 75
Electric doorstrike with a night/day function, factory installed in the frame (fee added to the door price); recommended for doors with pulls	✓	✓	✓	✓
Electric strike with day/night function installed in the passive DUO door leaf recommended for the door with handrails	(-)	✓	(-)	(-)
Reed relay factory installed in the frame	(-)	(-)	✓	✓
Shortening the door by 10, 20, 30, 40, 60, 80, 100 mm (selected designs only)	✓	✓	✓	✓
Two-colour door leaf	✓	✓	✓	✓
Internal reinforcement of the door leaf to accommodate a surface-mounted door closer (subject to an additional charge)	✓	✓	✓	✓
Capable of accommodating a door pull with a pushbutton	✓	✓	✓	✓

ADDITIONAL ACCESSORIES		TT OPTIMA		NTT REVO	
		TT 50	TT 60	NTT 60	NTT 75
BERGEN – unprotected cylinder escutcheon, set		(-)	(-)	✓	✓
BERGEN – protected cylinder escutcheon, set		(-)	(-)	✓	✓
BERGEN – one-sided handle		(-)	(-)	✓	✓
BERGEN – double-sided handle		(-)	(-)	✓	✓
AMSTERDAM square pull 1500		(-)	(-)	✓	✓
AMSTERDAM square pull 1000		(-)	(-)	✓	✓
AMSTERDAM square pull with a pushbutton 1500, electric doorstrike required also, capable of accommodating a door-pull with a push button		(-)	(-)	✓	✓
AMSTERDAM square pull with a pushbutton 1000, electric doorstrike required also, capable of accommodating a door-pull with a push button		(-)	(-)	✓	✓
BLOK – unprotected cylinder escutcheon, set *		✓	✓	(-)	(-)
BLOK – protected cylinder escutcheon, set *		✓	✓	(-)	(-)
BLOK – handle – handle *		✓	✓	(-)	(-)
BLOK – handle + knob *		✓	✓	(-)	(-)
MONTREAL round pull 1500		✓	✓	(-)	(-)
MONTREAL round pull 1000		✓	✓	(-)	(-)
MONTREAL round pull with a pushbutton 1500 electric doorstrike required also, capable of accommodating a door-pull with a push button		✓	✓	(-)	(-)
MONTREAL round pull with a pushbutton 1000 electric doorstrike required also, capable of accommodating a door-pull with a push button		✓	✓	(-)	(-)
Wide-angle door viewer 50/80		✓	✓	✓	✓
Electronic door-viewer		✓	✓	✓	✓

* colours available: platinum, silver, black; Montreal and Amsterdam pulls: INOX

OPTIONAL ACCESSORIES

ADDITIONAL ACCESSORIES		TT OPTIMA		NTT REVO	
		TT 50	TT 60	NTT 60	NTT 75
Numerical access control keyboard		✓	✓	✓	✓
AWZ200 uninterruptible power supply		✓	✓	✓	✓
PSC12015 switched-mode power supply		✓	✓	✓	✓
Lower trim plate		✓	✓	(-)	(-)
GT 1500 standard door closer		✓	✓	✓	✓
GT 1500 self-locking door closer		✓	✓	✓	✓
Decorative aluminium hinge caps		✓	✓	✓	✓
Aluminium threshold for TT OPTIMA		✓	✓	(-)	(-)
Insulating threshold for NTT REVO		(-)	(-)	✓	✓
Insulating PVC threshold for NTT REVO		(-)	(-)	✓	✓
Wooden threshold		✓	✓	(-)	(-)
30 mm under threshold extension (mb)		✓	✓	✓	✓
Steel and wood 30mm side jamb extensions (for frames PERFOTHERM, DUOTHERM)		✓	✓	✓	✓
Steel and wood 60mm side jamb extensions (for frames PERFOTHERM, DUOTHERM)		✓	✓	✓	✓
Aluminium 28mm side jamb extensions (for the Alutherm door frame and aluminum funlight)		(-)	✓	✓	✓
Aluminium 52mm side jamb extensions (for the Alutherm door frame and aluminum funlight)		(-)	✓	✓	✓
Aluminium 114mm side jamb extensions (for the Alutherm door frame and aluminum funlight)		(-)	✓	✓	✓
Door maintenance agent		✓	✓	✓	✓
Lock and cylinder maintenance agent 25 ml		✓	✓	✓	✓
Lock and cylinder maintenance agent 100 ml		✓	✓	✓	✓
Lock and cylinder maintenance agent 400 ml		✓	✓	✓	✓
A set of stainless steel cleaning agents, Gerda Inox-1, Inox- 2		✓	✓	✓	✓
GERDA RESIST ULTRA DUO tapes for layer sealing installation		✓	✓	✓	✓

DIMENSIONS OF DOORS AND FRAMES

DIMENSIONS OF NTT REVO DOORS

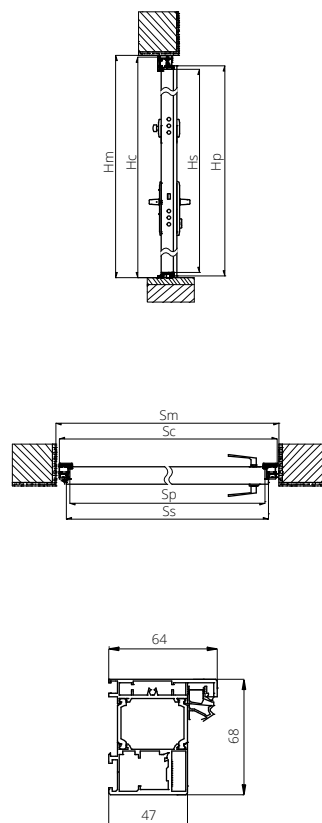
Size	Door model	Leaf height narrow side (Hs)	Leaf height wide side (Hp)	Leaf width narrow side (Sp)	Leaf width wide side (Ss)
80	NTT Revo	2009	2038,5	812	842
90N	NTT Revo	2009		882	912
90E	NTT Revo	2009		925	955
100E	NTT Revo	2009		1025	1055

SIZES OF ALUTHERM AND DUOTHERM FRAMES FOR NTT REVO DOORS

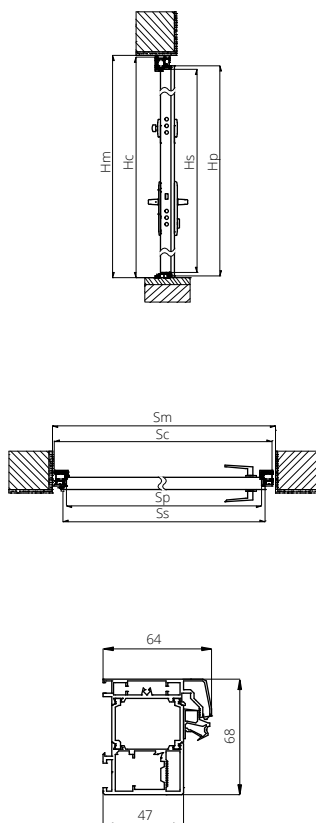
Size	Frame model	Total frame height (Hc)	Total frame width (Sc)	Recommended height of the assembly opening measured from '0' level* (Hm)	Recommended width of the assembly opening* (Sm)
80	Duotherm	2076 (81 3/4")	896 (35 1/4")	2086 (82 1/16")	916 (36 1/16")
	Alutherm	2087 (82 1/8")	918 (36 1/8")	2097 (82 1/2")	938 (36 7/8")
90 N	Duotherm	2076	966 (38")	2086	986 (38 3/4")
	Alutherm	2087	988 (38 7/8")	2097	997 (39 1/4")
90 E	Duotherm	2076	1009 (39 3/4")	2086	1029 (40 1/2")
	Alutherm	2087	1031 (40 5/8")	2097	1051 (41 3/8")
100 E	Duotherm	2076	1109 (43 5/8")	2086	1129 (44 3/8")
	Alutherm	2087	1131 (44 1/2")	2097	1151 (45 1/4")

* includes an installation clearance of 10 mm

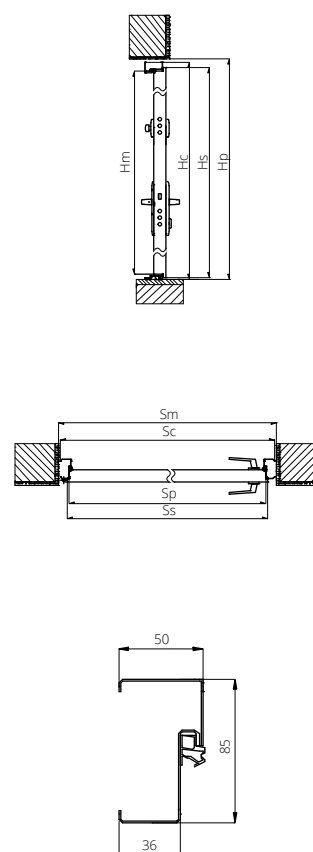
ALUTHERM NTT REVO 75



ALUTHERM NTT REVO 60



DUOTHERM NTT REVO 75/60



DIMENSIONS OF DOORS AND FRAMES

DIMENSIONS OF TT OPTIMA DOORS

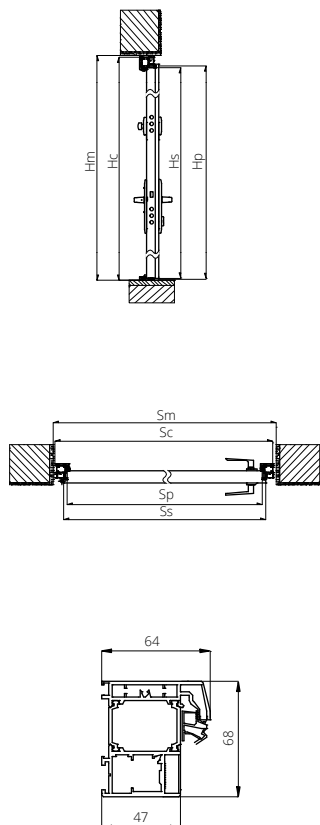
Size	Door model	Leaf height narrow side (Hs)	Leaf height wide side (Hp)	Leaf width narrow side (Sp)	Leaf width wide side (Ss)
30	TT OPTIMA DUO 60	2023	2038,5	257	287
40				357	387
50				457	487
80N	TT Optima	782		812	
80	TT Optima	2023		812	842
90N	TT Optima	2023		882	912
90E	TT Optima	2023		925	955
100E	TT Optima	2023		1025	1055

SIZES OF ALUTHERM AND PERFOTHERM®, FB FRAMES FOR TT OPTIMA DOORS

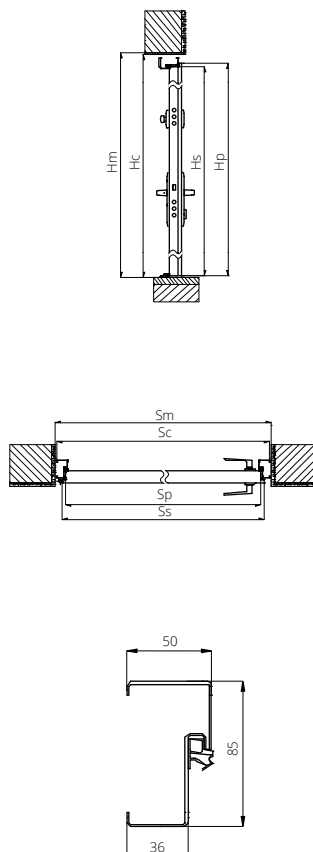
Size	Frame model	Total frame height (Hc)	Total frame width (Sc)	Recommended height of the assembly opening measured from '0' level* (Hm)	Recommended width of the assembly opening* (Sm)
80N	Perfotherm®, FB	2076	866	2086	886
80	Perfotherm®, FB	2076	896	2086	916
	Alutherm	2087	918	2097	938
90 N	Perfotherm®, FB	2076	966	2086	986
	Alutherm	2087	988	2097	997
90 E	Perfotherm®, FB	2076	1009	2086	1029
	Alutherm	2087	1031	2097	1051
100 E	Perfotherm®, FB	2076	1109	2086	1129
	Alutherm	2087	1131	2097	1151

* includes an installation clearance of 10 mm

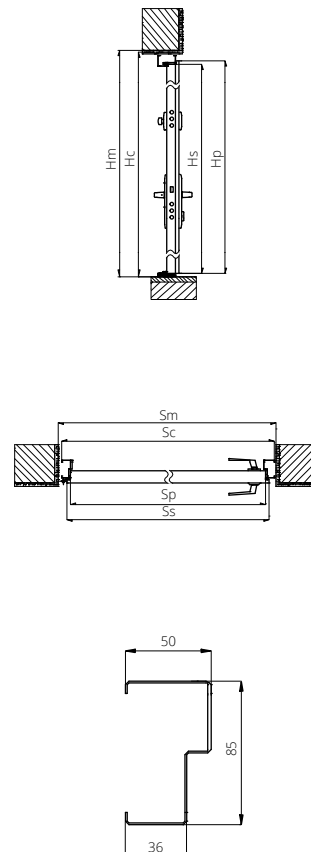
ALUTHERM TT OPTIMA 60



PERFOTHERM TT OPTIMA 60/50



FB TT OPTIMA 50



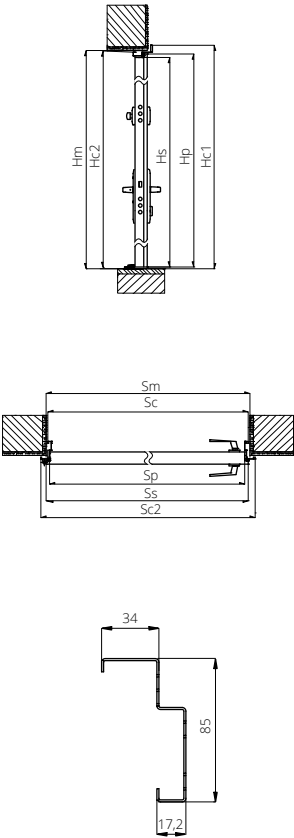
DIMENSIONS OF DOORS AND FRAMES

SIZES OF FN FRAMES FOR TT OPTIMA DOORS

Size	Frame model	Total frame height (Hc1)	Total frame height (Hc2)	Total frame width (Sc1)	Total frame width (Sc2)	Recommended height of the assembly opening measured from '0' level* (Hm)	Recommended width of the assembly opening* (Sm)
80N	FN	2075	2041	862	797	2051	817
80				892	827		847
90 N				962	897		917
90 E				1005	940		960
100 E				1105	1040		1060

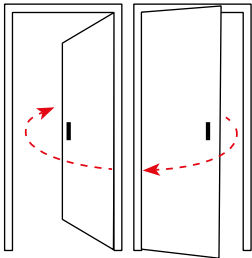
* includes an installation clearance of 10 mm

FN TT OPTIMA 50

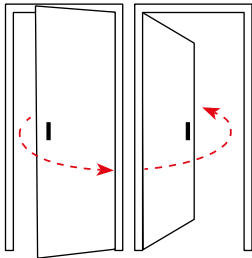


DOOR OPENING DIRECTIONS

LEFT-HANDED DOORS



RIGHT-HANDED DOORS



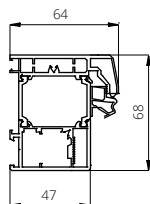
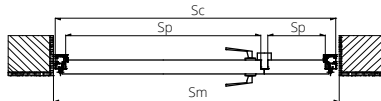
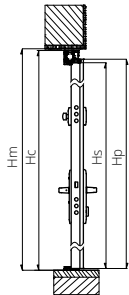
DIMENSIONS OF DOORS AND FRAMES

SIZES OF ALUTHERM AND PERFOTHERM® FRAMES FOR TT OPTIMA DUO 60 DOORS

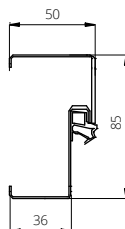
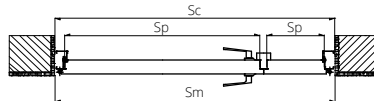
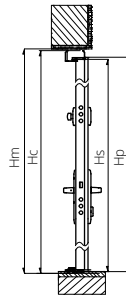
Size	ALUTHERM		PERFOTHERM®		ALUTHERM*		PERFOTHERM®*	
	Total frame height (Hc)	Total frame width (Sc)	Total frame height (Hc)	Total frame width (Sc)	Recommended height of the assembly opening measured from '0' level (Hm)	Recommended width of the assembly opening (Sm)	Recommended height of the assembly opening measured from '0' level (Hm)	Recommended width of the assembly opening (Sm)
80	2087 (82 1/8")	918 (36 1/8")	2076 81 5/8"	896 (35 1/4")	2097	938	2086	916
80+30		1209 (47 5/8")		1187 (46 3/4")		1229		1207
80+40		1309 (51 1/2")		1287 (50 5/8")		1329		1307
80+50		1409 (55 1/2")		1387 (54 5/8")		1429		1407
90 E		1031 (40 5/8")		1009 (39 5/8")		1051		1029
90 E + 30		1322 (52")		1300 (51 1/8")		1342		1320
90 E + 40		1422 (56")		1400 (55 1/8")		1442		1420
90 E + 50		1522 (59 7/8")		1500 (59 1/16")		1542		1520
100 E		1131 (44 1/2")		1109 (43 5/8")		1151		1129
100 E + 30		1422 (56")		1400 (55 1/8")		1442		1420
100 E + 40		1522 (59 7/8")		1500 (59 1/16")		1542		1520
100 E + 50		1622 (63 7/8")		1600 (63")		1642		1620

* includes an installation clearance of 10 mm

ALUTHERM TT OPTIMA 60 DUO



PERFOTHERM TT OPTIMA 60 DUO



GERDA®