GERDA®

**DOORS
NTT REVO
TT OPTIMA**

DOOR + GOOD ASSEMBLY
= CUSTOMER SATISFACTION

At GERDA, we care not only about delivering superb products and highest quality safety technologies – we want to provide our customers with professional maintenance services. Proper installation of our products guarantees success and customer satisfaction, which is why we encourage all installers to participate in training courses organised by the GERDA Academy.

The purpose of training is to provide thorough knowledge in the design and professional installation of GERDA products to those who want to develop their skills and provide services of the highest quality.

In order to ensure the highest possible quality of services, GERDA will recommend the best-trained installers to its Customers as part of the Good Installation program.
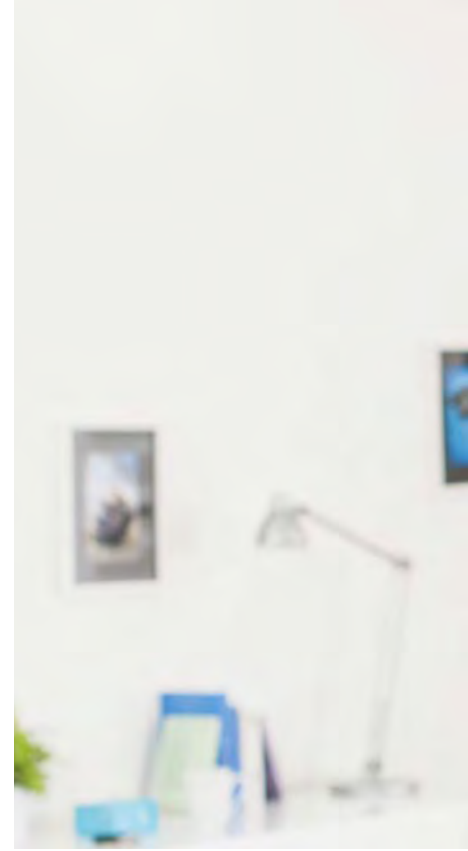
GOOD
assembly

3YEARS
WARRANTY

TABLE OF **CONTENTS**

ABOUT US

GERDA IS:

30 YEARS
OF EXPERIENCE

PEOPLE

We know that we wouldn't have been able to achieve our leading position in the safety technology market without our people and their passion. The experience and creative commitment of our engineers and designers guarantee the highest level of quality, safety and unique design of our products.

We employ 500 employees at three manufacturing sites in Warsaw, Sokołów and Starachowice.

QUALITY

We deliver products with unique, innovative and patented solutions. The legendary durability and reliability of GERDA products are guaranteed and confirmed by certificates held by our company.

When testing the safety of our products, we collaborate with the Anti-Terrorist Operations Bureau at the Main Police Headquarters.

COMFORT

Thanks to our professional customer service that includes free measurements, expert advice and installation by authorised professionals, we provide you with a sense of comfort and ease.

MANUFACTURE

We do business in an aware and responsible manner. We take inspiration from nature when creating our extensive range of designs and colours, and we show our gratitude by caring for the environment through recycling and reusing materials.

AWARDS AND RECOGNITION

WHAT YOU SHOULD KNOW
ABOUT GERDA DOORS

THERMAL INSULATION

❄		☀
No insulation	**1,5 W/m²K**	**1,0 W/m²K**

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.

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.

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. 41–45**

TT OPTIMA:
TEMPO → **p. 41–59**
CLASSIC → **p. 60–66**

3.

Size	Frame model	DOORS		FRAMES	
		Leaf height at the rabbet (Hs)	Leaf width at the rabbet (Sp)	Total frame height (Hc)	Total frame width (Sc)
80N	TT Optima 50 FB	2025 mm	782 mm	2076 mm	866 mm
	TT Optima 50 Perfotherm®				
80	TT Optima 50 FB	2025 mm	812 mm	2076 mm	896 mm
	TT Optima 50 Perfotherm®				
	TT Optima 60 Perfotherm®				
	TT OPTIMA 60 Alutherm			2087 mm	918 mm
90E	TT Optima 50 FB	2025 mm	925 mm	2076 mm	1009 mm
	TT Optima 50 Perfotherm®				
	TT Optima 60 Perfotherm®				
	TT OPTIMA 60 Alutherm			2087 mm	1031 mm
100E	TT Optima 50 FB	2025 mm	1025 mm	2076 mm	1109 mm
	TT Optima 50 Perfotherm®				
	TT Optima 60 Perfotherm®				
	TT OPTIMA 60 Alutherm			2087 mm	1131 mm

* includes an installation clearance of 10 mm

CHOOSE THE AVAILABLE
WIDTHS AND DECIDE

→ **p. 76–77**

4.

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. 69–77**

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-class (solid) and RC2N-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;
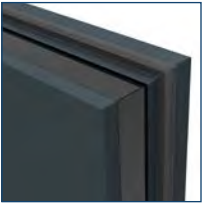- dedicated sets of trims available with the doors (leaves are ready for the installation of the chosen set).

RC 2　　　　　RC 3

lower rabbet inside the leaf and a warm threshold

DUOTHERM

optional ALUTHERM

GERDA®
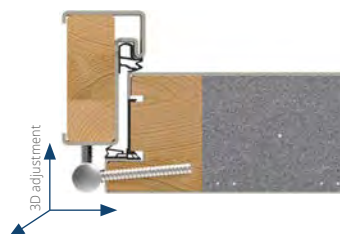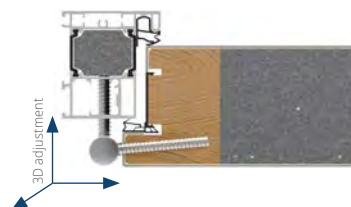
NTT REVO 75

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

Ud 0,77 W/m²K
DOOR HEAT PENETRATION RATIO

Ud 0,94 W/m²K
DOOR HEAT PENETRATION RATIO

Thermal compartment
inside the leaf

>75< mm

Leaf
with a three-layer stile
and a two-component seal
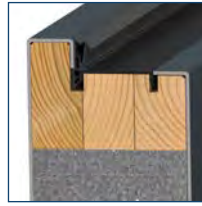
Insulating filling
graphite-modified
expanded polystyrene

ALUTHERM

Warm aluminium frame
with a thermal chamber
filling and seal

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

Handles or pull
with inlays

Lower lock
2-tumbler

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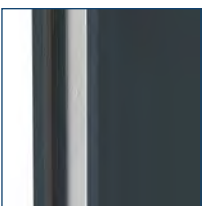
Reinforcing strip
made of stainless steel,
on the edge of the leaf

Lower rabbet
inside 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

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

—— standard equipment
- - - - optional equipment, available for an extra fee

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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-class (solid) and RC2N-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
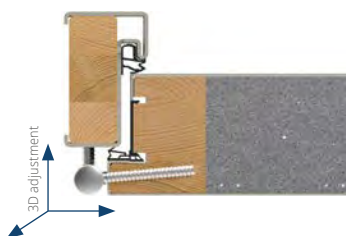
optional **ALUTHERM**
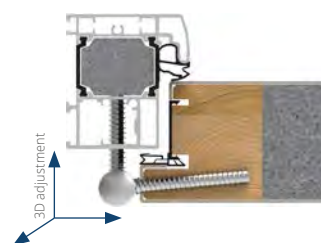
NTT REVO 60

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

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

Thermal compartment
inside the leaf

>61< mm

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

Insulating filling
graphite-modified expanded polystyrene

Upper lock
class 6 3-tumbler GERDA ZW 500

Main lock
class-7 3-tumbler GERDA ZW 1000

Handles or pull
with inlays

3D hinges
adjustable in three dimensions

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

Adjustable lock mounting
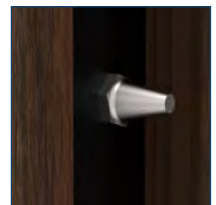
3 interlocking pins

Lower rabbet
inside 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

* 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**
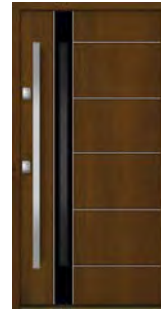
QUADRO

KWA Pasawa 1 → **p. 26**	KWB Pasawa 2 → **p. 26**	KWC Pasawa 3 → **p. 26**	KWD Pasawa 4 → **p. 26**	KWE Jena 1 → **p. 27**	KW2 Jena 2 → **p. 27**	KWF Bamberg 1 → **p. 28**
KWN Trewir 3 → **p. 30**	KWP Trewir 4 → **p. 30**	KWR Trewir 5 → **p. 31**	KW6 Trewir 6 → **p. 31**	KW7 Trewir 7 → **p. 31**	KWS Dorfen → **p. 32**	KWT Kassel 1 → **p. 33**
KPL Regen 3 → **p. 35**	KPS Regen 4 → **p. 35**	KPM Regen 5 → **p. 35**	KPR Regen 6 → **p. 35**	KPE Drezno 1 → **p. 36**	KPF Drezno 2 → **p. 36**	KPG Drezno 3 → **p. 36**
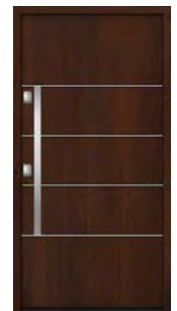
ELITE 3D

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**

* external side shown only, except for the TEMPO range

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**

KWX Kassel 2 → **p. 33**

KPN Kronach 11 → **p. 34**

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**

KPH Drezno 4 → **p. 36**

KPI Drezno 5 → **p. 36**

KPA Erfurt 1 → **p. 37**

KPB Erfurt 2 → **p. 37**

KPC Erfurt 3 → **p. 37**

KPD Erfurt 4 → **p. 37**

W00 Flat surface → **p. 45**

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**

NS8 Patra → **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-class (solid) and RC2N-class (glazed) doors available; to maintain class RC2, an escutcheon must be used with a main lock inlay 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
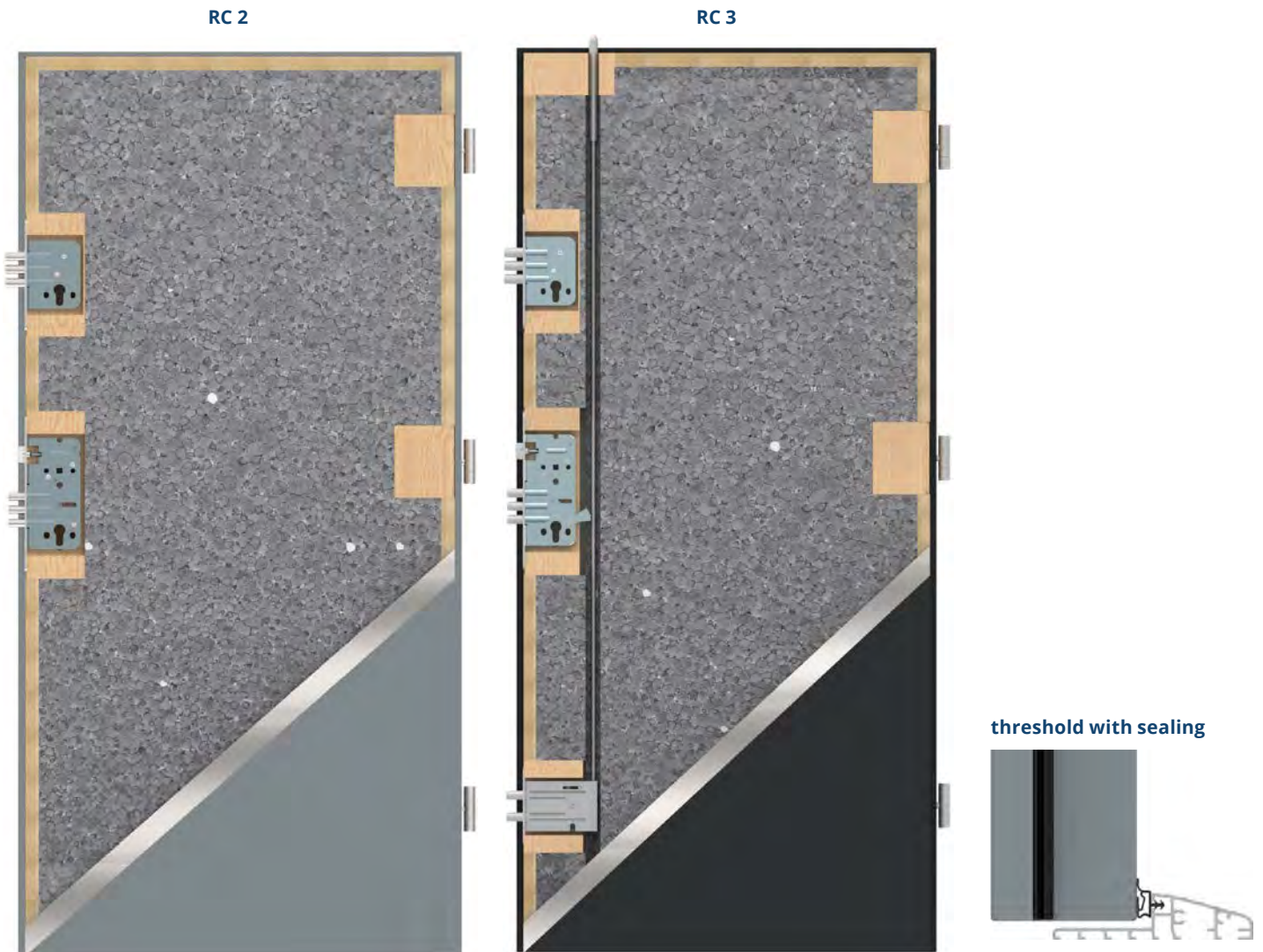
PERFOTHERM®
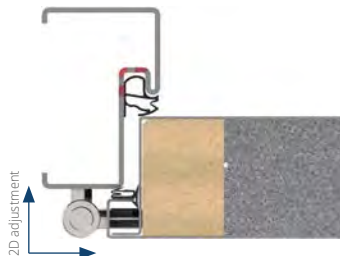
optional ALUTHERM OPTIMA

TT OPTIMA 60

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

Ud 0,99 W/m²K
DOOR HEAT PENETRATION RATIO

ALUTHERM

Warm aluminium frame
with a thermal chamber filling and seal

Ud 1,09 W/m²K
DOOR HEAT PENETRATION RATIO

PERFOTHERM®

Steel frame
with thermal perforation and seal
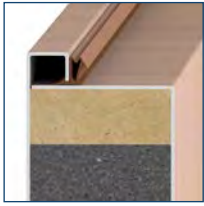
Leaf cross-section

>61<
mm
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

Handles, handle/ knob or pull
with inlays

2D hinges
adjustable

Decorative caps
made of anodised aluminium in the same colour as the handle
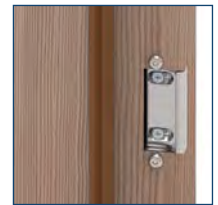
Adjustable lock mounting
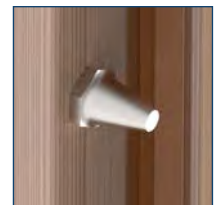
3 interlocking pins

Aluminium threshold
with a seal

Sill extension

Wooden threshold

Installation kit

* 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

standard equipment
optional equipment, available for an extra fee

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 PERFO-THERM® frame;
- available in solid versions, in 80, 90E and 100E sizes; size 100E available for an additional fee;
- RC2-class doors; to maintain class RC2, an escutcheon must be used with a main lock inlay 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

optionally PERFOTHERM®

TT OPTIMA 50

External burglar-proof
RC2-class doors*

Ud 1,2 W/m²K
DOOR HEAT PENETRATION RATIO

Leaf cross-section

>51< mm
Leaf
with a stile strip
and a two-component seal
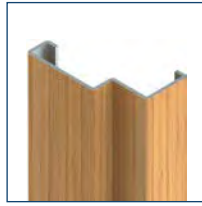
FN frame

FB frame

PERFOTHERM®
Steel frame
with thermal
perforation and seal

Upper lock
class 6 3-tumbler
GERDA ZW 500

2D hinges
adjustable

Main lock
class 7 3-tumbler
GERDA ZW 1000

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

**Handles, handle/
knob or pull**
with inlays

**Adjustable lock
mounting**
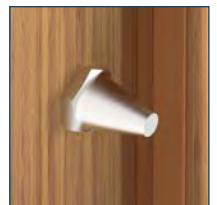
3 interlocking pins

Aluminium threshold
with a seal

Sill extension

Wooden threshold

Installation kit

* RC2 package using an escutcheon with lock cylinder protection

—— standard equipment
- - - - optional equipment, available for an extra fee

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TT **OPTIMA**DOOR 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**
ST7 Oslo → **p. 48**	NT3 Turyn 3 → **p. 49**	NT2 Turyn 2 → **p. 49**	NT1 Turyn 1 → **p. 49**	SOJ Bergamo 2 → **p. 50**	S0K Bergamo 3 → **p. 50**	SJ8 Nicea 8 → **p. 51**
TMMA Tokio 2A → **p. 56**	ST8 Ryga → **p. 57**	ST9 Lund → **p. 57**	TN7 Aspen 2 → **p. 58**	W00 Flat surface → **p. 45**	ST4 Uppsala 1 → **p. 54**	ST5 Uppsala 2 → **p. 55**
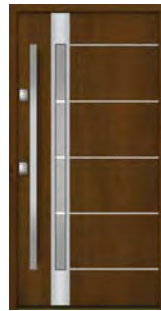
CLASSIC

W76 Modena → **p. 60**	W77 Modena 2 → **p. 60**	W78 Modena 3 → **p. 60**	WDR Ravena → **p. 60**	WJ1 Nicea 5 → **p. 60**	W23 Olympia → **p. 61**	W29 Kolonia → **p. 61**
W6A Werona 4 → **p. 62**	W24 Lizbona → **p. 63**	W9N Wenecja → **p. 63**	W5L Londyn 1 → **p. 64**	W13 Londyn → **p. 64**	W53 Barcelona 1 → **p. 65**	W54 Barcelona → **p. 65**
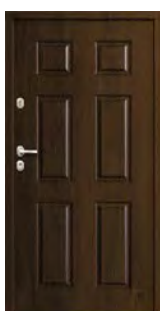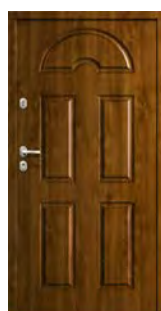
GERDA®

* external and internal side shown

NS7 Innsbruck → **p. 44**

NS8 Patra → **p. 44**

SNUA Milano 4A → **p. 46**

SNU Milano 4 → **p. 46**

SR1 Milano 14 → **p. 47**

SR2 Milano 15 → **p. 47**

ST6 Narwik → **p. 48**

SJ9 Nicea 9 → **p. 51**

SJ7 Nicea 7 → **p. 51**

SCF Patra 5 → **p. 52**

SBE Berlin 4 → **p. 53**

ST4A Uppsala 1A → **p. 54**

ST5A Uppsala 2A → **p. 55**

TMLA Tokio 1A → **p. 56**

TML Tokio 1 → **p. 56**

TMM Tokio 2 → **p. 56**

WBA Aspen 1 → **p. 58**

SR3 Tromso → **p. 59**

SR4 Tromso 1 → **p. 59**

SR5 Tromso 2 → **p. 59**

WQA Werona 5 → **p. 62**

W91 Werona → **p. 62**

W94 Werona 1 → **p. 62**

W93 Werona 3 → **p. 62**

G75 Genewa 2 → **p. 66**

D75 Genewa 3 → **p. 66**

G76 Genewa 1 → **p. 66**

* external and internal side shown

LINZ

Bergen handles
with B-A inlays (RC2)

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

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

1000 mm
1500 mm

Amsterdam 1000
with B-A inlays (RC2)

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

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

Amsterdam 1500
with B-A inlays (RC2)

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

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

PLATINUM   SILVER

DOOR SIZES

NTT 60 80 | 90 E | 100 E
NTT 75 80 | 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 70
Full list of available accessories on pages 74–75

AGB   **Linz 1**

AGC   **Linz 2**

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

NTT REVO AIR GLASS

DOOR SIZES

NTT 60 80 | 90 E | 100 E
NTT 75 80 | 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 70
Full list of available accessories on pages 74–75

AGD **Linz 3**

Internal side of the door

Bergen handles with B-A inlays (RC2)

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

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

1000 mm
1500 mm

Amsterdam 1000 with B-A inlays (RC2)

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

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

Amsterdam 1500 with B-A inlays (RC2)

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

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

PLATINUM   SILVER

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

GRAZ

Bergen handles
with B-A inlays (RC2)

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

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

1000 mm
1500 mm

Amsterdam 1000
with B-A inlays (RC2)

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

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

Amsterdam 1500
with B-A inlays (RC2)

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

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

PLATINUM   SILVER

DOOR SIZES

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

AGE   **Graz 1**

AGF   **Graz 2**

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

NTT REVO AIR GLASS

AGG | Graz 3

GRAZ

DOOR SIZES

NTT 60 80 | 90 E | 100 E
NTT 75 80 | 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 70
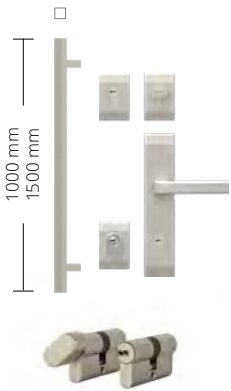Full list of available accessories on pages 74–75

Internal side of the
door

Bergen handles
with B-A inlays (RC2)

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

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

1000 mm
1500 mm

Amsterdam 1000
with B-A inlays (RC2)

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

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

Amsterdam 1500
with B-A inlays (RC2)

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

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

PLATINUM   SILVER

COLOURS

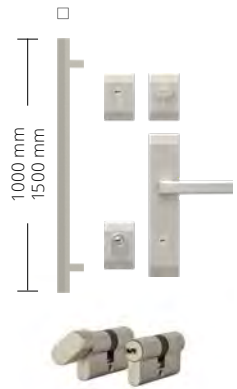| WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF
LIGHT CHESTNUT FRP	ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ

GERDA® **23**

SALZBURG

Bergen handles
with B-A inlays (RC2)

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

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

Amsterdam 1000
with B-A inlays (RC2)

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

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

Amsterdam 1500
with B-A inlays (RC2)

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

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

1000 mm
1500 mm

AGA   **Salzburg**

DOOR SIZES

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

Fixed aluminium fanlights on page 70
Full list of available accessories on pages 74–75

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

PLATINUM   SILVER

NTT REVO AIR GLASS

DOOR SIZES

NTT 60 90 E | 100 E
NTT 75 90 E | 100 E

GLAZING

GRAPHITE

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 70
Full list of available accessories on pages 74–75

AGH   **Villach**
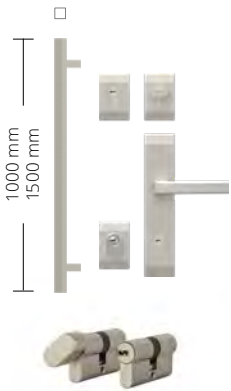
Bergen handles
with B-A inlays (RC2)

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

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

1000 mm
1500 mm

Amsterdam 1000
with B-A inlays (RC2)

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

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

Amsterdam 1500
with B-A inlays (RC2)

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

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

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

PLATINUM   SILVER

PASAWA

**Bergen handles
with B-A inlays (RC2)**

**Bergen handles
with single-key MB-B
inlays (RC2)**

**Bergen handles
with single-key MC-C
inlays (RC2)**

1000 mm
1500 mm

**Amsterdam 1000
with B-A inlays (RC2)**

**Amsterdam 1000 with
single-key MB-B
inlays (RC2)**

**Amsterdam 1000
with single-key MC-C
inlays (RC2)**

**Amsterdam 1500
with B-A inlays (RC2)**

**Amsterdam 1500
with single-key MB-B
inlays (RC2)**

**Amsterdam 1500
with single-key MC-C
inlays (RC2)**

PLATINUM   **SILVER**

DOOR SIZES

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

GLAZING

MATTE   **MIRA STAR**

See-through strips   Mirror glass

One-way glazing   Two-way 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 0-40 mm KWA; KWB; KWC 0-100 mm KWD	√	√

Fixed aluminium fanlights on page 70
Full list of available accessories on pages 74–75

KWA   **Pasawa 1**

KWB   **Pasawa 2**   **KWC**   **Pasawa 3**

KWD   **Pasawa 4**

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

NTT REVO QUADRO

KWE   **Jena 1**

KW2   **Jena 2**

DOOR SIZES

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

GLAZING

MATTE   **MIRA STAR**

See-through strip

Mirror glass

One-way glazing | Two-way glazing

MODEL	NTT 60	NTT 75
KWE Jena 1	√	√
KW2 Jena 2	√	√

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	√	√
size 100 E	√	√
shortening 0-40 mm	√	√

Fixed aluminium fanlights on page 70
Full list of available accessories on pages 74–75

DOOR SIZES

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

GLAZING

MATTE   **BROWN REFLECTIVE**   **GRAPHITE REFLEXIVE**   **MIRA STAR**

Mirror glass

One-way glazing | Two-way glazing

Internal side of the door
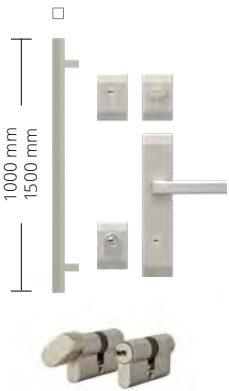

Bergen handles with B-A inlays (RC2)

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

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

1000 mm
1500 mm

Amsterdam 1000 with B-A inlays (RC2)

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

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

Amsterdam 1500 with B-A inlays (RC2)

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

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

PLATINUM   **SILVER**

COLOURS

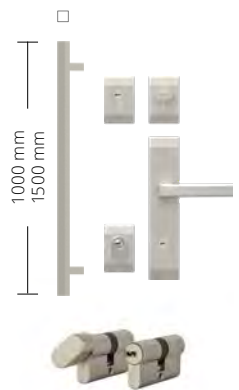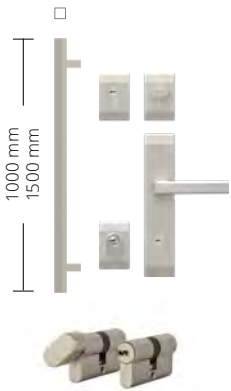| WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF
LIGHT CHESTNUT FRP	ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ

BAMBERG

Bergen handles
with B-A inlays (RC2)

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

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

1000 mm
1500 mm

Amsterdam 1000
with B-A inlays (RC2)

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

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

Amsterdam 1500
with B-A inlays (RC2)

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

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

PLATINUM   SILVER

KWF   Bamberg 1

KWG   Bamberg 2   **KWH   Bamberg 3**

KWI   Bamberg 4

DOOR SIZES

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

GLAZING

MATTE

MIRA STAR

See-through strips

Mirror glass

One-way glazing   Two-way glazing
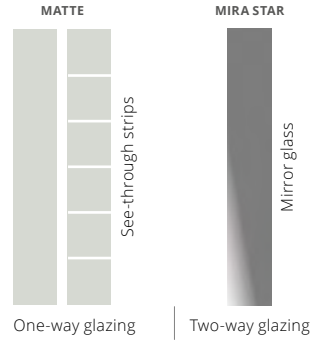
MODEL	NTT 60	NTT 75
KWF Bamberg 1	√	√
KWG Bamberg 2	√	√
KWH Bamberg 3	√	√
KWI Bamberg 4	√	√

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	√	√
size 100 E	√	√
shortening 0-40 mm	√	√

Fixed aluminium fanlights on page 70
Full list of available accessories on pages 74–75

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

NTT REVO QUADRO

KWJ   **Ulm 1**

DOOR SIZES

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

GLAZING

MATTE   MIRA STAR

See-through strip

Mirror glass

One-way glazing | Two-way 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 0-40 mm	√	√

Fixed aluminium fanlights on page 70
Full list of available accessories on pages 74–75

KWK   **Ulm 2**

Internal side of the door

Bergen handles
with B-A inlays (RC2)

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

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

1000 mm
1500 mm

Amsterdam 1000
with B-A inlays (RC2)

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

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

Amsterdam 1500
with B-A inlays (RC2)

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

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

PLATINUM   **SILVER**

COLOURS

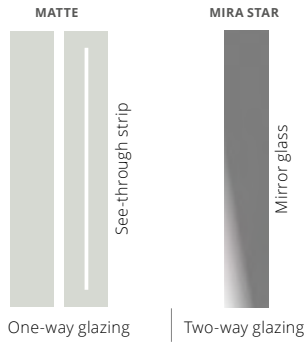| WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF
LIGHT CHESTNUT FRP	ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ

TREWIR

Bergen handles
with B-A inlays (RC2)

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

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

1000 mm
1500 mm

Amsterdam 1000
with B-A inlays (RC2)

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

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

Amsterdam 1500
with B-A inlays (RC2)

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

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

| PLATINUM | SILVER |

DOOR SIZES

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

GLAZING

MATTE | BROWN REFLECTIVE | GRAPHITE REFLEXIVE | MIRA STAR

Mirror glass

One-way glazing | Two-way glazing

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 0-40 mm	√	√

Fixed aluminium fanlights on page 70
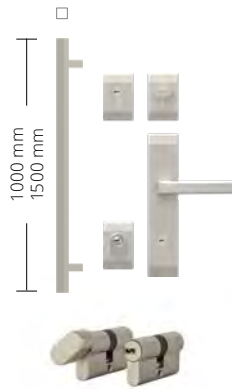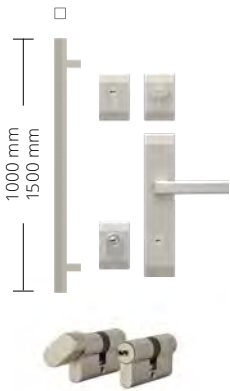Full list of available accessories on pages 74–75

KWL   Trewir 1

KWM   Trewir 2   **KWN**   Trewir 3

KWP   Trewir 4

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

NTT REVO QUADRO

KWR — Trewir 5

KW6 — Trewir 6

KW7 — Trewir 7

DOOR SIZES

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

GLAZING

MATTE	BROWN REFLECTIVE	GRAPHITE REFLEXIVE	MIRA STAR

Mirror glass

One-way glazing | Two-way glazing

MODEL	NTT 60	NTT 75
KWR Trewir 5	√	√
KW6 Trewir 6	√	√
KW7 Trewir 7	√	√

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	√	√
size 100 E	√	√
shortening 0-40 mm	√	√

Fixed aluminium fanlights on page 70
Full list of available accessories on pages 74–75

Internal side of the door

Bergen handles with B-A inlays (RC2)

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

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

1000 mm
1500 mm

Amsterdam 1000 with B-A inlays (RC2)

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

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

Amsterdam 1500 with B-A inlays (RC2)

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

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

PLATINUM   SILVER

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

DORFEN

Bergen handles
with B-A inlays (RC2)

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

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

1000 mm
1500 mm

Amsterdam 1000
with B-A inlays (RC2)

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

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

Amsterdam 1500
with B-A inlays (RC2)

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

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

PLATINUM   SILVER

KWS   Dorfen

KWS   Dorfen

DOOR SIZES

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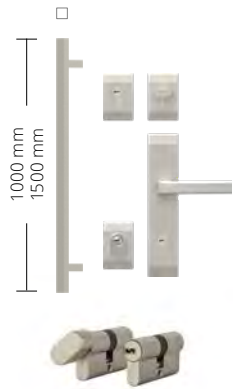
GLAZING

MATTE	BROWN REFLECTIVE	GRAPHITE REFLEXIVE	MIRA STAR

One-way glazing

Two-way glazing

Mirror glass

MODEL	NTT 60	NTT 75
KWS Dorfen	√	√

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	√	√
size 100 E	√	√
shortening 0-40 mm	√	√

Fixed aluminium fanlights on page 70
Full list of available accessories on pages 74–75

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

NTT REVO QUADRO

KWT   **Kassel 1**

DOOR SIZES

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

GLAZING

MATTE	BROWN REFLECTIVE	GRAPHITE REFLEXIVE	MIRA STAR

One-way glazing | Two-way glazing

Mirror glass
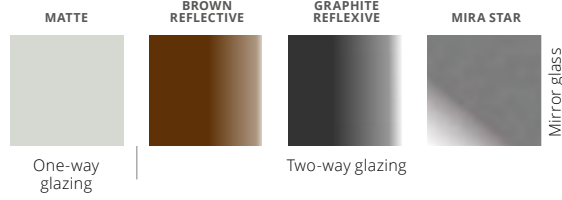
MODEL	NTT 60	NTT 75
KWT Kassel 1	√	√
KWX Kassel 2	√	√

AVAILABLE FOR AN ADDITIONAL FEE	NTT 60	NTT 75
ALUTHERM frame	√	√
size 100 E	√	√
shortening 0-40 mm	√	√

Fixed aluminium fanlights on page 70
Full list of available accessories on pages 74–75

KWT   **Kassel 1**

KWX   **Kassel 2**

Internal side of the door
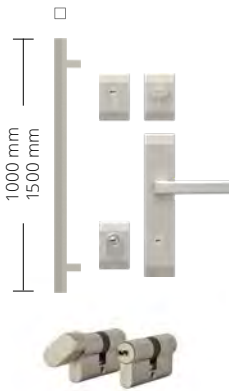

Bergen handles with B-A inlays (RC2)

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

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

□

1000 mm
1500 mm

Amsterdam 1000 with B-A inlays (RC2)

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

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

Amsterdam 1500 with B-A inlays (RC2)

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

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

PLATINUM   **SILVER**

COLOURS

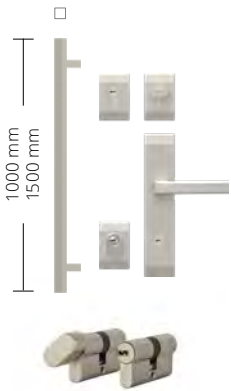| WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF
LIGHT CHESTNUT FRP	ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ

KRONACH

Bergen handles
with B-A inlays (RC2/RC3)

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

Bergen handles
zwith single-key MC-C
inlays (RC2/RC3)

1000 mm
1500 mm

Amsterdam 1000 with
B-A inlays (RC2/RC3)

Amsterdam 1000
with single-key MB-B
inlays (RC2/RC3)

Amsterdam 1000
with single-key MC-C
inlays (RC2/RC3)

Amsterdam 1500 with
B-A inlays (RC2/RC3)

Amsterdam 1500 with
single-key MB-B
inlays (RC2/RC3)

Amsterdam 1500
with single-key MC-C
inlays (RC2/RC3)

PLATINUM   SILVER

DOOR SIZES

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

KPN   Kronach 1

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 0-40 mm	√	√

Fixed aluminium fanlights on page 70
Full list of available accessories on pages 74–75

KPT   Kronach 3   **KPP   Kronach 2**

KPZ   Kronach 4

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

NTT REVO QUADRO

KPJ   **Regen 1**

DOOR SIZES

NTT 60   80 | 90 E | 100 E
NTT 75   80 | 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 0-40 mm	✓	✓

Fixed aluminium fanlights on page 70
Full list of available accessories
on pages 74–75

KPK   **Regen 2**   **KPL**   **Regen 3**

Internal side of the door

KPS   **Regen 4**   **KPM**   **Regen 5**   **KPR**   **Regen 6**

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

REGEN

PROPRIETARY DESIGN

Bergen handles with B-A inlays (RC2/RC3)

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

Bergen handles zwith single-key MC-C inlays (RC2/RC3)

1000 mm 1500 mm

Amsterdam 1000 with B-A inlays (RC2/RC3)

Amsterdam 1000 with single-key MB-B inlays (RC2/RC3)

Amsterdam 1000 with single-key MC-C inlays (RC2/RC3)

Amsterdam 1500 with B-A inlays (RC2/RC3)

Amsterdam 1500 with single-key MB-B inlays (RC2/RC3)
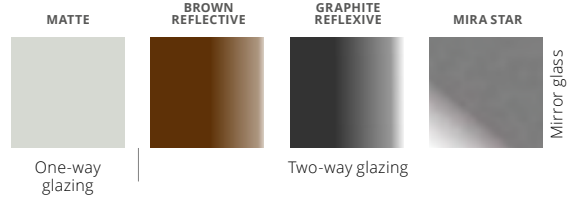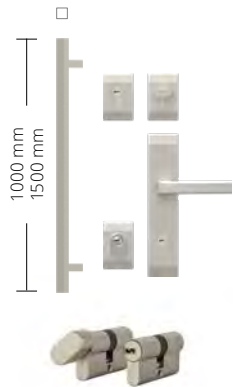
Amsterdam 1500 with single-key MC-C inlays (RC2/RC3)
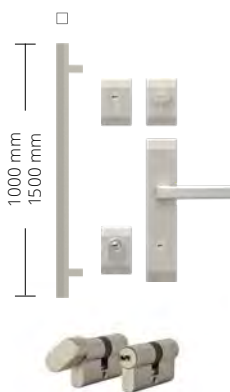
PLATINUM   SILVER

GERDA®   35

DREZNO

Bergen handles
with B-A inlays (RC2/RC3)

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

Bergen handles
zwith single-key MC-C
inlays (RC2/RC3)

1000 mm
1500 mm

Amsterdam 1000 with
B-A inlays (RC2/RC3)

Amsterdam 1000
with single-key MB-B
inlays (RC2/RC3)

Amsterdam 1000
with single-key MC-C
inlays (RC2/RC3)

Amsterdam 1500 with
B-A inlays (RC2/RC3)

Amsterdam 1500 with
single-key MB-B
inlays (RC2/RC3)

Amsterdam 1500
with single-key MC-C
inlays (RC2/RC3)

PLATINUM	SILVER

DOOR SIZES

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

MODEL	NTT 60	NTT 75
KPE Drezno 1 one-sided insert	√	√
KPF Drezno 2 one-sided insert	√	√
KPG Drezno 3 one-sided insert	√	√
KPH Drezno 4 one-sided insert	√	√
KPI Drezno 5 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 0-40 mm KPH 0-100 mm KPE; KPF; KPG	√	√

Fixed aluminium fanlights on page 70
Full list of available accessories on pages 74–75

KPE   **Drezno 1**

KPF   **Drezno 2**   **KPG**   **Drezno 3**

KPH   **Drezno 4**   **KPI**   **Drezno 5**

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

NTT REVO QUADRO

KPA   **Erfurt 1**

DOOR SIZES

NTT 60   80 | 90 E | 100 E
NTT 75   80 | 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	√	√
KPD Erfurt 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 0-40 mm KPH 0-100 mm KPE; KPF; KPG	√	√

Fixed aluminium fanlights on page 70
Full list of available accessories on pages 74–75

KPB   **Erfurt 2**

KPC   **Erfurt 3**

KPD   **Erfurt 4**

Internal side of the door

Bergen handles
with B-A inlays (RC2/RC3)

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

Bergen handles
zwith single-key MC-C
inlays (RC2/RC3)

1000 mm
1500 mm

Amsterdam 1000 with
B-A inlays (RC2/RC3)

Amsterdam 1000
with single-key MB-B
inlays (RC2/RC3)

Amsterdam 1000
with single-key MC-C
inlays (RC2/RC3)

Amsterdam 1500 with
B-A inlays (RC2/RC3)

Amsterdam 1500 with
single-key MB-B
inlays (RC2/RC3)

Amsterdam 1500
with single-key MC-C
inlays (RC2/RC3)

PLATINUM   **SILVER**

COLOURS

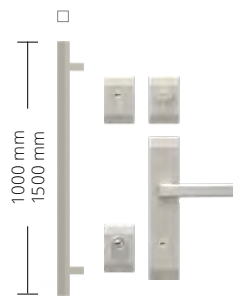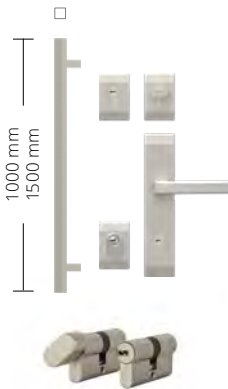| WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF
LIGHT CHESTNUT FRP	ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ

Bergen handles
with B-A inlays (RC2/RC3)

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

Bergen handles
zwith single-key MC-C
inlays (RC2/RC3)

DOOR SIZES

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

CLASSIC STRIP

MODERN STRIP

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 0-40 mm	√	√

Fixed aluminium fanlights on page 70
Full list of available accessories on pages 74–75

ELA   **Brig**

DOOR SIZES

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

CLASSIC STRIP

MODERN STRIP

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 0-40 mm	√	√

Fixed aluminium fanlights on page 70
Full list of available accessories on pages 74–75

ELB   **Olten**

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

PLATINUM   SILVER

NTT REVO ELITE 3D

DOOR SIZES

NTT 60 80 | 90 E | 100 E
NTT 75 80 | 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 0-40 mm	√	√

ELC **Visp**

Fixed aluminium fanlights on page 70
Full list of available accessories on pages 74–75

Bergen handles
with B-A inlays (RC2/RC3)

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

Bergen handles
zwith single-key MC-C
inlays (RC2/RC3)

DOOR SIZES

NTT 60 80 | 90 E | 100 E
NTT 75 80 | 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 0-40 mm	√	√

ELD **Trin**

Fixed aluminium fanlights on page 70
Full list of available accessories on pages 74–75

COLOURS

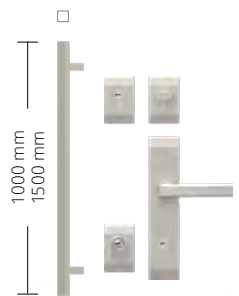| WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF
LIGHT CHESTNUT FRP	ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ

PLATINUM   SILVER

BERNO

Bergen handles
with B-A inlays (RC2/RC3)

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

Bergen handles
zwith single-key MC-C
inlays (RC2/RC3)

NTT REVO ELITE 3D

DOOR SIZES

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

| CLASSIC STRIP | | MODERN STRIP | |

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 0-40 mm	√	√

Fixed aluminium fanlights on page 70
Full list of available accessories on pages 74–75

ELE   **Berno**

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

PLATINUM   SILVER

NTT REVO / TT OPTIMA TEMPO

NS1 **Milano 8**

NS2 **Milano 9**

NS9 **Milano 12**

DOOR SIZES

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

GLAZING

MATTE   MIRA STAR   CLEAR

See-through strips

Mirror glass

One-way glazing | Two-way 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 0-40 mm	(-)	√	√	√

Double-sided design

NTT REVO

Bergen handles
with B-A inlays (RC2)

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

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

Amsterdam 1000
with B-A inlays (RC2)

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

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

Amsterdam 1500
with B-A inlays (RC2)

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

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

1000 mm
1500 mm

TT OPTIMA

Blok handles
with A-A inlays

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

Montreal 1000
with A-A inlays

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

Montreal 1500
with A-A inlays

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

1000 mm
1500 mm

PLATINUM **SILVER**

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

MILANO

NTT REVO

Bergen handles
with B-A inlays (RC2)

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

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

Amsterdam 1000
with B-A inlays (RC2)

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

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

Amsterdam 1500
with B-A inlays (RC2)

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

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

TT OPTIMA

Blok handles
with A-A inlays

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

Montreal 1000
with A-A inlays

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

Montreal 1500
with A-A inlays

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

| PLATINUM | SILVER |

NS3   **Milano 10**

NS4   **Milano 11**

DOOR SIZES

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

GLAZING

MATTE   MIRA STAR   CLEAR

See-through strips   Mirror glass

One-way glazing   Two-way 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 0-40 mm	(-)	√	√	√

Available fanlights on pages 70–71
Full list of available accessories on pages 74–75
Double-sided design

DOOR SIZES

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

GLAZING

MATTE   MIRA STAR   CLEAR

See-through strips   Mirror glass

One-way glazing   Two-way glazing
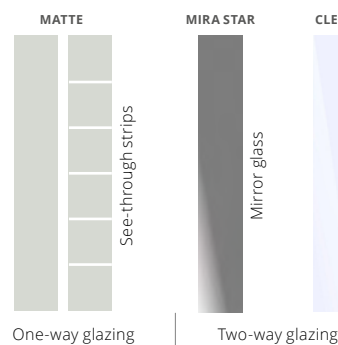
MODEL	OPTIMA		REVO	
	TT 50	**TT 60**	**NTT 60**	**NTT 75**
NS4 Milano 11	(-)	√	√	√

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60	NTT 60	NTT 75
ALUTHERM frame	(-)	√	√	√
size 100 E	(-)	√	√	√
shortening 0-40 mm	(-)	√	√	√

Available fanlights on pages 70–71
Full list of available accessories on pages 74–75
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

NTT REVO / TT OPTIMA TEMPO

DOOR SIZES

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

GLAZING

MATTE	MIRA STAR	CLEAR
See-through strips	Mirror glass	

One-way glazing | Two-way 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 0-40 mm	(-)	√	√	√

Available fanlights on pages 70–71
Full list of available accessories on pages 74–75
Double-sided design

NS5   **Hanover 5**

DOOR SIZES

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

GLAZING

MATTE	MIRA STAR	CLEAR
See-through strips	Mirror glass	

One-way glazing | Two-way 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 0-40 mm	(-)	√	√	√

Available fanlights on pages 70–71
Full list of available accessories on pages 74–75
Double-sided design

NS6   **Hanover 6**

NTT REVO

Bergen handles
with B-A inlays (RC2)

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

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

Amsterdam 1000
with B-A inlays (RC2)

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

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

1000 mm
1500 mm

Amsterdam 1500
with B-A inlays (RC2)

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

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

TT OPTIMA

Blok handles
with A-A inlays

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

1000 mm
1500 mm

Montreal 1000
with A-A inlays

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

Montreal 1500
with A-A inlays

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

PLATINUM	SILVER

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

NTT REVO

Bergen handles
with B-A inlays (RC2)

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

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

Amsterdam 1000
with B-A inlays (RC2)

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

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

Amsterdam 1500
with B-A inlays (RC2)

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

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

TT OPTIMA

Blok handles
with A-A inlays

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

Montreal 1000
with A-A inlays

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

Montreal 1500
with A-A inlays

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

NS7 **Innsbruck**

DOOR SIZES

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

GLAZING

MATTE   MIRA STAR   CLEAR

See-through strips   Mirror glass

One-way glazing | Two-way glazing

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

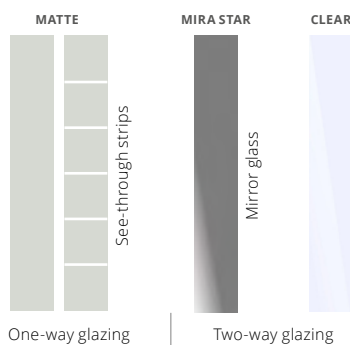| AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60	NTT 60	NTT 75
ALUTHERM frame	(-)	√	√	√
size 100 E	(-)	√	√	√

Available fanlights on pages 70–71
Full list of available accessories on pages 74–75
Double-sided design

DOOR SIZES

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

GLAZING

MATTE   BROWN REFLECTIVE   GRAPHITE REFLEXIVE   MIRA STAR   CLEAR

Mirror glass

One-way glazing | Two-way glazing

NS8 **Patra**

MODEL	OPTIMA		REVO	
	TT 50	TT 60	NTT 60	NTT 75
NS8 Patra	(-)	√	√	√

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

Available fanlights on pages 70–71
Full list of available accessories on pages 74–75
Double-sided design

PLATINUM   SILVER

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
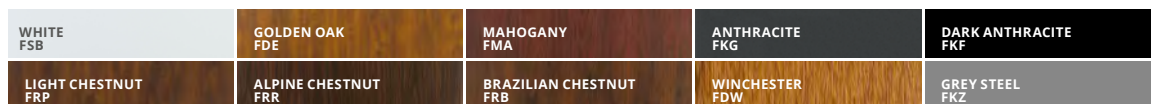
DOOR SIZES

NTT 60	80	90 E	100 E	**TT 50**	80 N	80		90 E	100 E
NTT 75	80	90 E	100 E	**TT 60**	80 N	80	90 N	90 E	100 E

W00 **Flat surface**

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 0-100 mm	(-)	√	√	√

Available fanlights on pages 70–71
Full list of available accessories on pages 74–75

NTT REVO

Bergen handles
with B-A
inlays (RC2/RC3)

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

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

Amsterdam 1000
with B-A
inlays (RC2/RC3)

Amsterdam 1000
with single-key MB-B
inlays (RC2/RC3)

Amsterdam 1000
with single-key MC-C
inlays (RC2/RC3)

Amsterdam 1500
with B-A
inlays (RC2/RC3)

Amsterdam 1500
with single-key MB-B
inlays (RC2/RC3)

Amsterdam 1500
with single-key MC-C
inlays (RC2/RC3)

1000 mm
1500 mm

TT OPTIMA

Blok handles
with A-A inlays

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

Montreal 1000
with A-A inlays

Montreal 1000
with single-key MB-B
inlays (RC2/RC3)

Montreal 1500
with A-A inlays

Montreal 1500
with single-key MB-B
inlays (RC2/RC3)

1000 mm
1500 mm

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

PLATINUM SILVER

MILANO

**Blok handles
with A-A inlays**

**Blok handles
with single-key MB-B
inlays (RC2)**

1000 mm
1500 mm

**Montreal 1000
with A-A inlays**

**Montreal 1000
with single-key MB-B
inlays (RC2)**

**Montreal 1500
with A-A inlays**

**Montreal 1500
with single-key MB-B
inlays (RC2)**

BLACK

PLATINUM   **SILVER**

DOOR SIZES

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

GLAZING

| MATTE | MATTE BROWN | BROWN REFLECTIVE | GRAPHITE REFLEXIVE | MIRA STAR | CLEAR |

See-through strips

Mirror glass

One-way glazing | Two-way 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 0-100 mm	(-)	√

Available fanlights on pages 70–71
Full list of available accessories on pages 74–75
Double-sided design
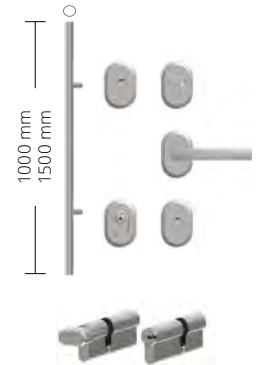
SNUA   **Milano 4A**
Stainless inserts

SNU   **Milano 4**
Pressed without inserts

SNUB   **Milano 4B**
Black inserts

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

TT OPTIMA TEMPO

DOOR SIZES

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

GLAZING

MATTE	MATTE BROWN

One-way glazing

MODEL	TT 50	TT 60
SR1 Milano 14	(-)	√
SR2 Milano 15	(-)	√

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
ALUTHERM OPTIMA frame	(-)	√
size 100 E	(-)	√
shortening 0-40 mm	(-)	√

Available fanlights on pages 70–71
Full list of available accessories on pages 74–75
Double-sided design

SR2   **Milano 15**

SR1   **Milano 14**

Blok handles
with A-A inlays
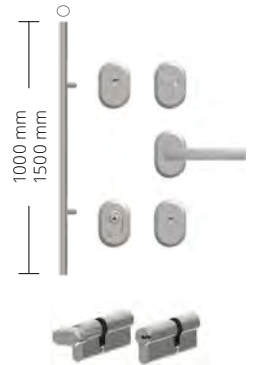
Blok handles
with single-key MB-B
inlays (RC2)

1000 mm
1500 mm

Montreal 1000
with A-A inlays

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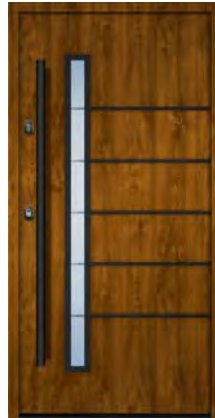with single-key MB-B
inlays (RC2)

Montreal 1500
with A-A inlays

Montreal 1500
with single-key MB-B
inlays (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

PLATINUM   SILVER

GERDA® **47**

NARWIK / OSLO

TT OPTIMA TEMPO

Handles (left column)

Blok handles
with A-A inlays

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

1000 mm
1500 mm

Montreal 1000
with A-A inlays

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

Montreal 1500
with A-A inlays

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

BLACK

PLATINUM   **SILVER**

ST6   **Narwik**

DOOR SIZES

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

GLAZING

MATTE	MATTE BROWN

One-way glazing
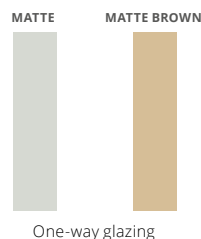
MODEL	TT 50	TT 60
ST6 Narwik	(-)	√
ST6B Narwik B	(-)	√

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
ALUTHERM OPTIMA frame	(-)	√
size 100 E	(-)	√
shortening 0-40 mm ST6	(-)	√

Available fanlights on pages 70–71
Full list of available accessories on pages 74–75
Double-sided design

Black double-sided inserts

ST7   **Oslo**

DOOR SIZES

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

GLAZING

MATTE	MATTE BROWN	BROWN REFLECTIVE	GRAPHITE REFLEXIVE	MIRA STAR	CLEAR
				Mirror glass	

One-way glazing   Two-way glazing

MODEL	TT 50	TT 60
ST7 Oslo	(-)	√
ST7B Oslo B	(-)	√

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
ALUTHERM OPTIMA frame	(-)	√
size 100 E	(-)	√
shortening 0-40 mm ST7	(-)	√

Available fanlights on pages 70–71
Full list of available accessories on pages 74–75
Double-sided design

COLOURS

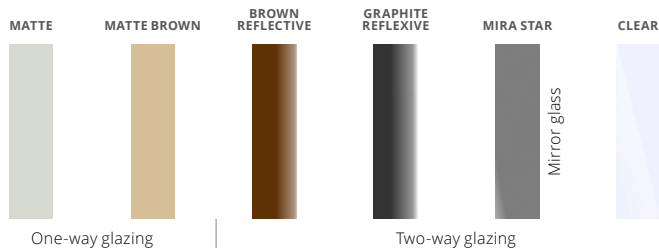| WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF
LIGHT CHESTNUT FRP	ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ

TT OPTIMA TEMPO

NT3   **Turyn 3**

DOOR SIZES

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

GLAZING

MATTE	MATTE BROWN	BROWN REFLECTIVE	GRAPHITE REFLEXIVE	MIRA STAR	CLEAR

See-through strips

Mirror glass

One-way glazing | Two-way glazing

MODEL	TT 50	TT 60
NT1 Turyn 1	(-)	√
NT2 Turyn 2	(-)	√
NT3 Turyn 3	(-)	√
NT1B Turyn 1B	(-)	√
NT2B Turyn 2B	(-)	√
NT3B Turyn 3B	(-)	√

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

Available fanlights on pages 70–71
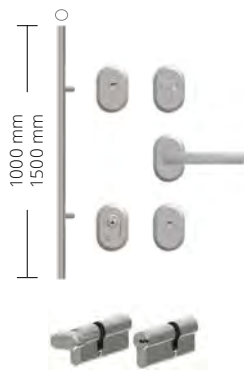Full list of available accessories on pages 74–75
Double-sided design

NT1   **Turyn 1**

NT2   **Turyn 2**

NT1B   **Turyn 1B**

NT2B   **Turyn 2B**

NT3B   **Turyn 3B**

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

Blok handles
with A-A inlays

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

1000 mm
1500 mm

Montreal 1000
with A-A inlays

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

Montreal 1500
with A-A inlays

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

BLACK
PLATINUM	SILVER

GERDA®   **49**

BERGAMO

Blok handles with A-A inlays

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

1000 mm
1500 mm

Montreal 1000 with A-A inlays

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

Montreal 1500 with A-A inlays

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

BLACK

PLATINUM

SILVER

SOJ   **Bergamo 2**
Stainless inserts

SOK   **Bergamo 3**
Stainless inserts

SOJB   **Bergamo 2B**
Black inserts

SOKB   **Bergamo 3B**
Black inserts
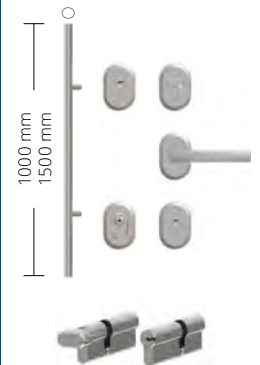
COLOURS

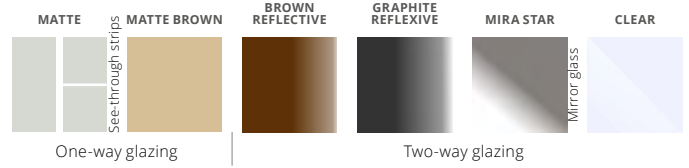|	
WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF
LIGHT CHESTNUT FRP	ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ

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

MATTE	MATTE BROWN	BROWN REFLECTIVE	GRAPHITE REFLEXIVE	MIRA STAR	CLEAR

See-through strips

Mirror glass

One-way glazing   Two-way glazing

MODEL	TT 50	TT 60
SOJ Bergamo 2	(-)	√
SOJB Bergamo 2B	(-)	√
SOK Bergamo 3	√	√
SOKB Bergamo 3B	√	√

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 70–71
Full list of available accessories on pages 74–75
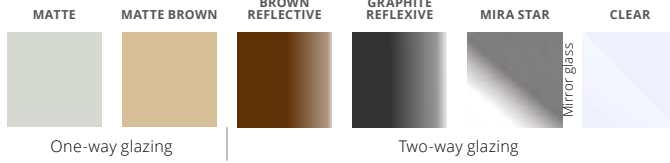Double-sided design

TT OPTIMA TEMPO

NICEA

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

MATTE	MATTE BROWN	BROWN REFLECTIVE	GRAPHITE REFLEXIVE	MIRA STAR	CLEAR

One-way glazing | Two-way glazing

Mirror glass

MODEL	TT 50	TT 60
SJ9 Nicea 9	(-)	√
SJ9B Nicea 9B	(-)	√
SJ7 Nicea 7	√	√
SJ7B Nicea 7B	√	√
SJ8 Nicea 8	(-)	√
SJ8B Nicea 8B	(-)	√

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
Perfotherm® frame	√	(-)
ALUTHERM OPTIMA frame	(-)	√
size 100 E	√	√
RC3 package (full designs)	(-)	√
shortening 0-40mm SJ9; SJ7	√	√

Available fanlights on pages 70–71
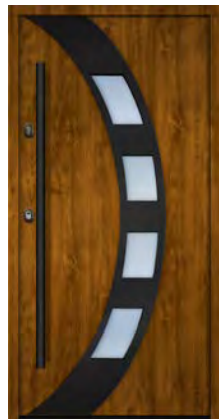Full list of available accessories on pages 74–75
Double-sided design

SJ7   **Nicea 7**

SJ7B   **Nicea 7B**

SJ8   **Nicea 8**

SJ8B   **Nicea 8B**

SJ9B   **Nicea 9B**

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

Blok handles
with A-A inlays

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

1000 mm
1500 mm

Montreal 1000
with A-A inlays

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

Montreal 1500
with A-A inlays

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

BLACK
PLATINUM	SILVER

PATRA 5

Blok handles
with A-A inlays

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

1000 mm
1500 mm

Montreal 1000
with A-A inlays

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

Montreal 1500
with A-A inlays

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

BLACK

PLATINUM   **SILVER**

52 GERDA®

SCF   **Patra 5**
Pressed without inserts

SCFB   **Patra 5B**
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

GLAZING

MATTE	MATTE BROWN	BROWN REFLECTIVE	GRAPHITE REFLEXIVE	MIRA STAR	CLEAR

One-way glazing   Two-way glazing

MODEL	TT 50	TT 60
SCF Patra 5	(-)	√
SCFB Patra 5B	(-)	√

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

Available fanlights on pages 70–71
Full list of available accessories on pages 74–75
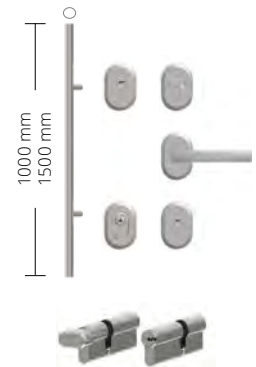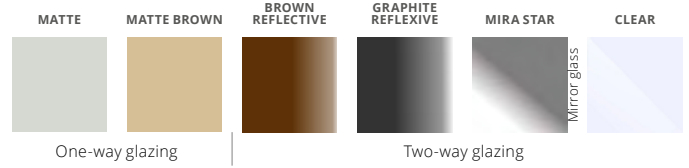Double-sided design

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

TT OPTIMA TEMPO

SBE   Berlin 4

SBEB   Berlin 4B

DOOR SIZES

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

GLAZING

MATTE	MATTE BROWN	BROWN REFLECTIVE	GRAPHITE REFLEXIVE	MIRA STAR	CLEAR

Mirror glass

One-way glazing   Two-way glazing
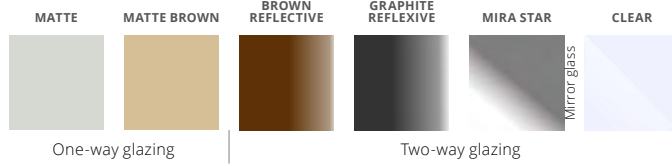
MODEL	TT 50	TT 60
SBE Berlin 4	(-)	√
SBEB Berlin 4B	(-)	√

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
ALUTHERM OPTIMA frame	(-)	√
size 100 E	(-)	√
shortening 0-100 mm	(-)	√

Available fanlights on pages 70–71
Full list of available accessories on pages 74–75
Double-sided design

Blok handles
with A-A inlays

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

1500 mm

Montreal 1000
with A-A inlays

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

Montreal 1500
with A-A inlays

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

BLACK

PLATINUM   **SILVER**

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

UPPSALA 1

TT OPTIMA TEMPO

Blok handles
with A-A inlays

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

1000 mm
1500 mm

Montreal 1000
with A-A inlays

Montreal 1000
with single-key MB-B
inlays (RC2/RC3)

Montreal 1500
with A-A inlays

Montreal 1500
with single-key MB-B
inlays (RC2/RC3)

BLACK

PLATINUM   SILVER

DOOR SIZES

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

ST4A   **Uppsala 1A**
Stainless inserts

ST4   **Uppsala 1**
Pressed without inserts

ST4B   **Uppsala 1B**
Black inserts

MODEL	TT 50	TT 60
ST4 Uppsala 1	√	√
ST4A Uppsala 1A	√	√
ST4B Uppsala 1B	√	√

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 70–71
Full list of available accessories on pages 74–75
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

TT OPTIMA TEMPO

UPPSALA 2

ST5A **Uppsala 2A**
Stainless inserts

ST5 **Uppsala 2**
Pressed without inserts

ST5B **Uppsala 2B**
Black 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	√	√
ST5B Uppsala 2B	√	√

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 70–71
Full list of available accessories on pages 74–75
Double-sided design

Blok handles
with A-A inlays

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

Montreal 1000
with A-A inlays

Montreal 1000
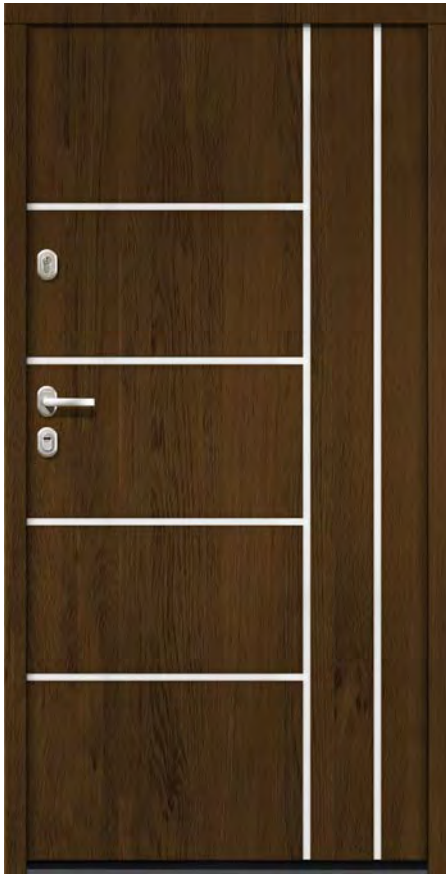with single-key MB-B
inlays (RC2/RC3)

Montreal 1500
with A-A inlays

Montreal 1500
with single-key MB-B
inlays (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

BLACK

PLATINUM | SILVER

GERDA® **55**

TOKIO

TT OPTIMA TEMPO

DOOR SIZES

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

Blok handles
with A-A inlays

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

1000 mm
1500 mm

Montreal 1000
with A-A inlays

Montreal 1000
with single-key MB-B
inlays (RC2/RC3)

Montreal 1500
with A-A inlays
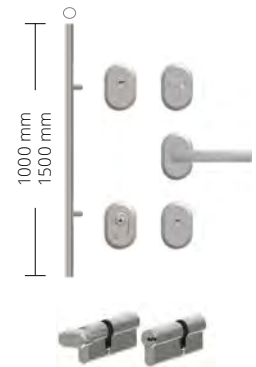
Montreal 1500
with single-key MB-B
inlays (RC2/RC3)

BLACK

PLATINUM   **SILVER**

TMMA   **Tokio 2A**
Stainless inserts

MODEL	TT 50	TT 60
TML Tokio 1	√	√
TMLA Tokio 1A	√	√
TMLB Tokio 1B	√	√
TMM Tokio 2	√	√
TMMA Tokio 2A	√	√
TMMB Tokio 2B	√	√

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 70–71
Full list of available accessories on pages 74–75
Double-sided design

Door pull not available with versions TMM, TMMA, TMMB.

TML   Tokio 1
Pressed without inserts

TMM   Tokio 2
Pressed without inserts

TMMB   Tokio 2B
Black inserts

TMLA   Tokio 1A
Stainless inserts

TMLB   Tokio 1B
Black inserts

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

56 **GERDA**

TT OPTIMA TEMPO

RYGA / LUND

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 70–71
Full list of available accessories on pages 74–75
Double-sided design

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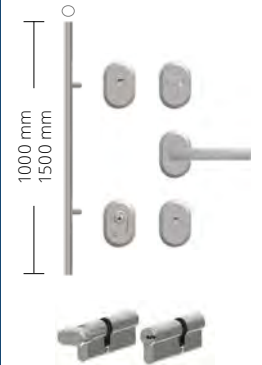
Blok handles
with single-key MB-B
inlays (RC2/RC3)

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 70–71
Full list of available accessories on pages 74–75
Double-sided design

1000 mm
1500 mm

Montreal 1000
with A-A inlays

Montreal 1000
with single-key MB-B
inlays (RC2/RC3)

Montreal 1500
with A-A inlays

Montreal 1500
with single-key MB-B
inlays (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

PLATINUM   SILVER

GERDA®

ASPEN

Blok handles
with A-A inlays

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

1000 mm
1500 mm

Montreal 1000
with A-A inlays

Montreal 1000
with single-key MB-B
inlays (RC2/RC3)

Montreal 1500
with A-A inlays
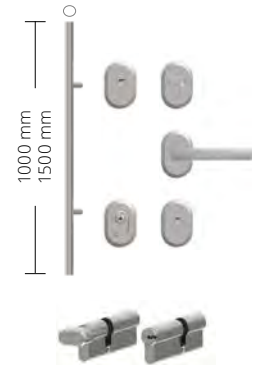
Montreal 1500
with single-key MB-B
inlays (RC2/RC3)

BLACK

PLATINUM   **SILVER**

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 0-100 mm	√	√

Available fanlights on pages 70–71
Full list of available accessories on pages 74–75
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

TT OPTIMA TEMPO

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	√	√

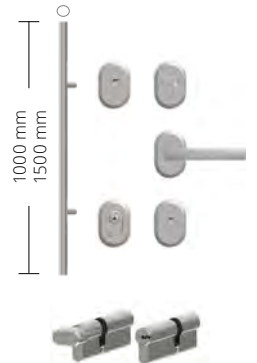| AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
Perfotherm® frame	√	(-)
ALUTHERM OPTIMA frame	(-)	√
size 100 E	√	√
RC3 package (full designs)	(-)	√
shortening 0-40 mm SR4	√	√

Available fanlights on pages 70–71
Full list of available accessories on pages 74–75
Double-sided design

Blok handles
with A-A inlays

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

1000 mm
1500 mm

Montreal 1000
with A-A inlays

Montreal 1000
with single-key MB-B
inlays (RC2/RC3)

Montreal 1500
with A-A inlays

Montreal 1500
with single-key MB-B
inlays (RC2/RC3)

COLOURS

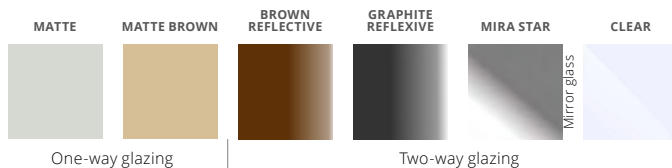|				
WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF
LIGHT CHESTNUT FRP	ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ

BLACK

PLATINUM   SILVER

GERDA®   **59**

Blok handles
with A-A inlays

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

DOOR SIZES

TT 60 80 | 90 N | 90 E

GLAZING

MATTE	MATTE BROWN	BROWN REFLECTIVE	GRAPHITE REFLEXIVE	MIRA STAR	CLEAR

One-way glazing | Two-way glazing

Mirror glass

W78   Modena 3

W76   Modena   **W77**   Modena 2

WDR   Ravena   **WJ1**   Nicea 5

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

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
Perfotherm® frame	√	(-)
ALUTHERM OPTIMA frame	(-)	√
RC3 package (full designs)	(-)	√
shortening 0-100 mm	√	√

Available fanlights on pages 70–71
Full list of available accessories on pages 74–75
Double-sided design

COLOURS

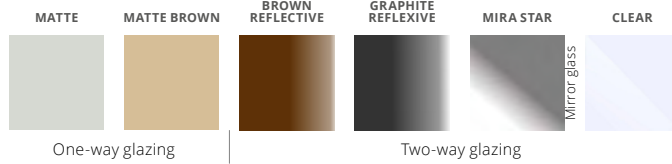|				
WHITE FSB	GOLDEN OAK FDE	MAHOGANY FMA	ANTHRACITE FKG	DARK ANTHRACITE FKF
LIGHT CHESTNUT FRP	ALPINE CHESTNUT FRR	BRAZILIAN CHESTNUT FRB	WINCHESTER FDW	GREY STEEL FKZ

BLACK

PLATINUM   SILVER

OLIVE   GOLD

DOOR SIZES

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

GLAZING

MATTE	MATTE BROWN	BROWN REFLECTIVE	GRAPHITE REFLEXIVE	MIRA STAR	CLEAR

Mirror glass

One-way glazing | Two-way glazing
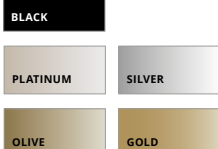
MODEL	TT 50	TT 60
W23 Olympia	(-)	√

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
ALUTHERM OPTIMA frame	(-)	√
size 100 E	(-)	√
shortening 0-100 mm	(-)	√

Available fanlights on pages 70–71
Full list of available accessories on pages 74–75
Double-sided design

W23	**Olympia**

Blok handles
with A-A inlays

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

DOOR SIZES

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

GLAZING

MATTE	MATTE BROWN	BROWN REFLECTIVE	GRAPHITE REFLEXIVE	MIRA STAR	CLEAR

Mirror glass

One-way glazing | Two-way glazing
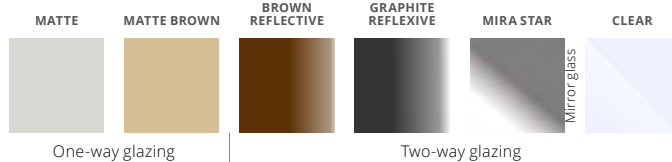
MODEL	TT 50	TT 60
W29 Kolonia	(-)	√

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
ALUTHERM OPTIMA frame	(-)	√
size 100 E	(-)	√
shortening 0-100 mm	(-)	√

Available fanlights on pages 70–71
Full list of available accessories on pages 74–75
Double-sided design

W29	**Kolonia**

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

BLACK	
PLATINUM	SILVER
OLIVE	GOLD

WERONA

TT OPTIMA CLASSIC

Blok handles
with A-A inlays

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

DOOR SIZES

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

GLAZING

MATTE	MATTE BROWN	BROWN REFLECTIVE	GRAPHITE REFLEXIVE	MIRA STAR	CLEAR

One-way glazing | Two-way glazing

WQA   **Werona 5**

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 0-100 mm	√	√

Available fanlights on pages 70–71
Full list of available accessories on pages 74–75
Double-sided design

W91   **Werona**

W94   **Werona 1**

W93   **Werona 3**

W6A   **Werona 4**

BLACK
PLATINUM
SILVER
OLIVE
GOLD
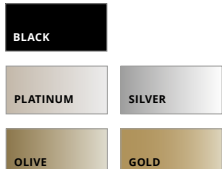
COLOURS

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

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 0-100 mm	√	√

Available fanlights on pages 70–71
Full list of available accessories on pages 74–75
Double-sided design

W24	Lizbona

Blok handles
with A-A inlays

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

DOOR SIZES

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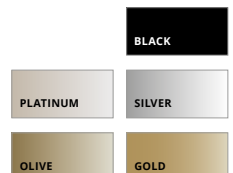**TT 60** 80 | 90 N | 90 E

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 0-100 mm	√	√

Available fanlights on pages 70–71
Full list of available accessories on pages 74–75
Double-sided design

W9N	Wenecja

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

BLACK

PLATINUM	SILVER
OLIVE	GOLD

LONDYN

Blok handles with A-A inlays

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

W5L — **Londyn 1**

W13 — **Londyn**

DOOR SIZES

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

GLAZING

MATTE	MATTE BROWN	BROWN REFLECTIVE	GRAPHITE REFLEXIVE	MIRA STAR	CLEAR

One-way glazing | Two-way glazing

Mirror glass
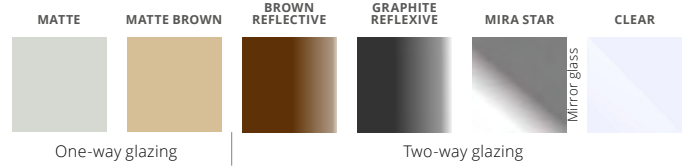
MODEL	TT 50	TT 60
W5L Londyn 1	(-)	√
W13 Londyn	√	√

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
Perfotherm® frame	√	(-)
ALUTHERM OPTIMA frame	(-)	√
RC3 package (full designs)	(-)	√
shortening 0-100 mm	√	√

Available fanlights on pages 70–71
Full list of available accessories on pages 74–75
Double-sided design

COLOURS

BLACK

PLATINUM | SILVER

OLIVE | GOLD

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

W53   **Barcelona 1**

W54   **Barcelona**

DOOR SIZES

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

GLAZING

MATTE	MATTE BROWN	BROWN REFLECTIVE	GRAPHITE REFLEXIVE	MIRA STAR	CLEAR

Mirror glass

One-way glazing | Two-way glazing
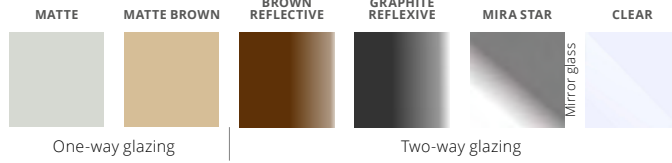
MODEL	TT 50	TT 60
W53 Barcelona 1	(-)	√
W54 Barcelona	√	√

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
Perfotherm® frame	√	(-)
ALUTHERM OPTIMA frame	(-)	√
RC3 package (full designs)	(-)	√
shortening 0-100 mm	√	√

Available fanlights on pages 70–71
Full list of available accessories on pages 74–75
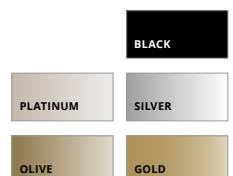Double-sided design

Blok handles
with A-A inlays

Blok handles
with single-key MB-B
inlays (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

	BLACK
PLATINUM	SILVER
OLIVE	GOLD

GENEWA

Blok handles
with A-A inlays

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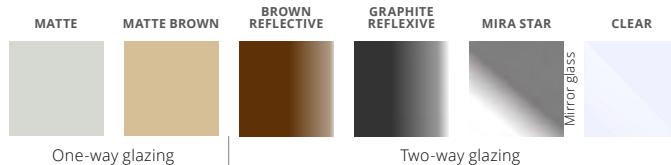inlays (RC2/RC3)

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

MATTE	MATTE BROWN	BROWN REFLECTIVE	GRAPHITE REFLEXIVE	MIRA STAR	CLEAR
				Mirror glass	

One-way glazing | Two-way glazing

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

AVAILABLE FOR AN ADDITIONAL FEE	TT 50	TT 60
Perfotherm® frame	√	(-)
ALUTHERM OPTIMA frame	(-)	√
size 100 E	(-)	√
RC3 package (full designs)	(-)	√
shortening 0-100 mm	√	√

Available fanlights on pages 70–71
Full list of available accessories on pages 74–75
Double-sided design, shallow embossing
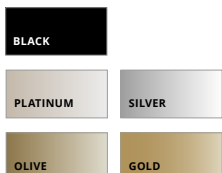
BLACK

PLATINUM   SILVER

OLIVE   GOLD

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

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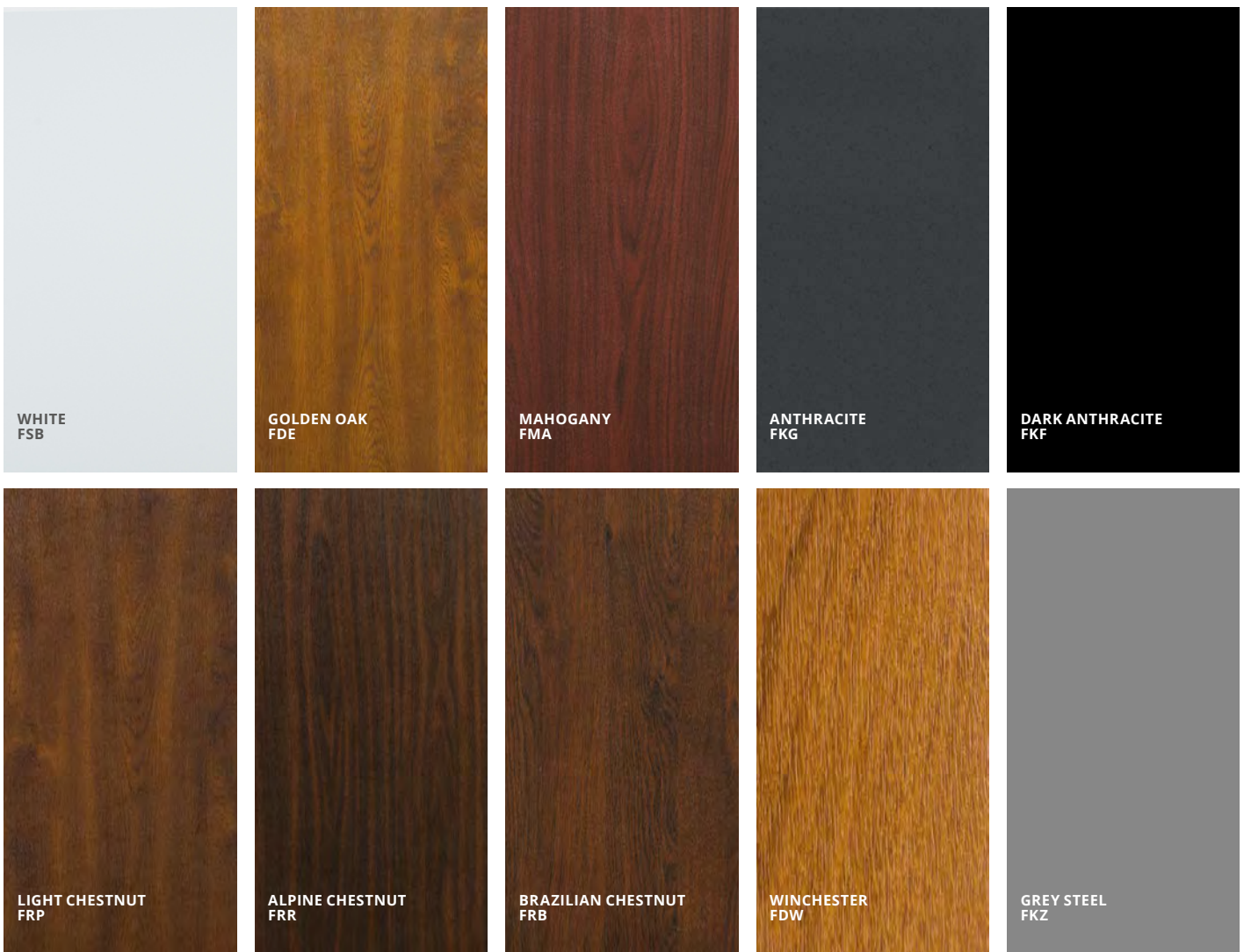
The door designs presented in this brochure are available in the above colours.

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.

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 page 77.

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	√
DW9	30 40 50	√
DW8	30 40 50	√
DPE / DPEB	30 40 50	√
DC3 / DC3B	40 50	√

P00 **PD4** **GH1** **GC2** **GN5** **GPD**

DN3 DN3B **DN6** **DW9** **DW8** **DPE DPEB** **DC3 DC3B**

Passive leaves designs with inserts available for door leaves with the same pattern motif

NAME	SIZE	
PD5		
PD5A		
PD5B		
NMB		
NMBA	30 40 50	√
NMBB		
NMA		
NMAA		
NMAB		

PD5 **PD5A** **PD5B** **NMB** **NMBA** **NMBB** **NMA** **NMAA** **NMAB**

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	MATTE BROWN	MIRA STAR	BROWN REFLECTIVE	GRAPHITE REFLEXIVE	CLEAR	PRIVA LITE
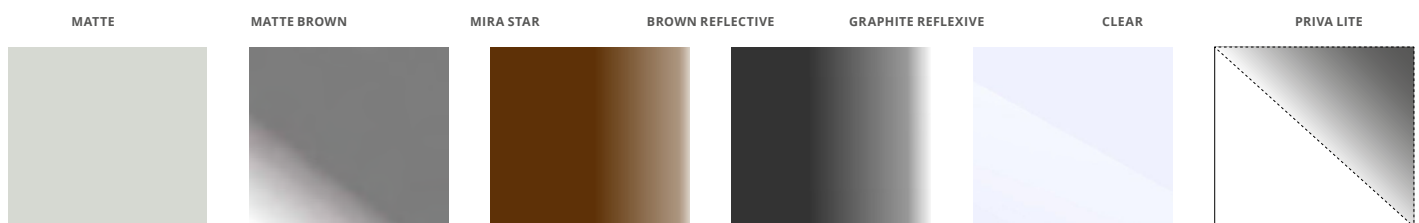
PRIVA-LITE®*

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
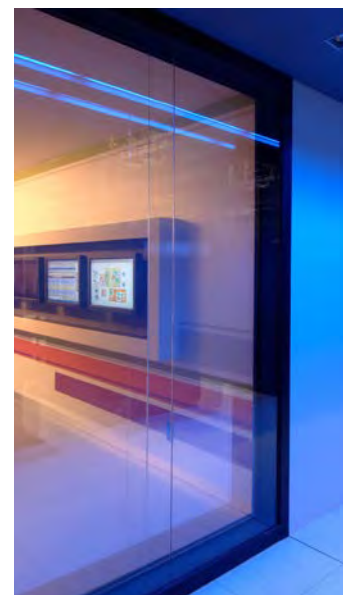
AVAILABLE FANLIGHT VARIANTS

GR set   G set   GZ set   RGZ set

R set   RZ set   Z set

EXTERNAL DIMENSIONS OF THE FRAME

ALUTHERM FRAME – DIMENSIONS

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

SIDE FANLIGHTS

Height Hz \ Width Ld/Pd	200 mm – 400 mm	405 mm – 600 mm	605 mm – 900 mm	External glazing
2087 mm	√	√	√	safe
	√	√	√	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

Height Hc	Hd	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
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									

AVAILABLE FANLIGHT VARIANTS

GR set

G set

GZ set

RGZ set

Ld + B + Pd

Hd

Hc

Hz

R set

RZ set

Z set

Ld

B

Pd

EXTERNAL DIMENSIONS OF THE FRAME

PERFOTHERM FRAME – DIMENSIONS

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

SIDE FANLIGHTS

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

TOP FANLIGHTS

Width Ld/B/Pd	Doświetle boczne (Ld/Lb)	BRAK	300 mm	500 mm	300 mm +300 mm	300 mm +500 mm	500 mm +500 mm	External glazing
	DOORS "80"	650 mm	1196 mm	1396 mm	1496 mm	1696 mm	1896 mm	
Height	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

PLATINUM SILVER
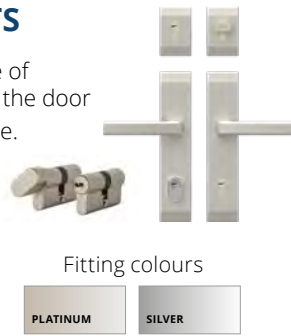
ACCESSORY SET	BERGEN B-A	BERGEN MB-B		BERGEN MC-C	
	√	√		√	
Main lock inlay	EVO	EVO	single key system	PROSYSTEM	single key system
Additional locking handle inlay	WKE1	EVO		PROSYSTEM	
Unprotected Bergen top inlay escutcheon*					
Protected Bergen top inlay escutcheon with handles					
Decorative hinge caps in the same colour as the escutcheons					

*protected upper inlay 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-class doors.
- Not available for ELITE 3D series.

1000 mm 1500 mm

Fitting colours

PLATINUM SILVER
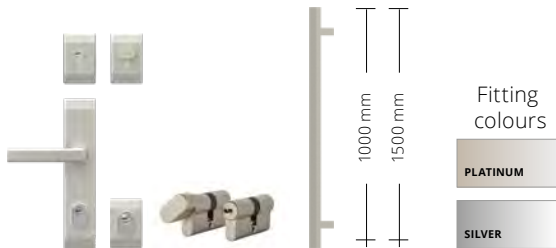
ACCESSORY SET	AMSTERDAM 1000 B-A	AMSTERDAM 1000 MB-B	AMSTERDAM 1000 MC-C
	√	√	√

ACCESSORY SET	AMSTERDAM 1500 B-A	AMSTERDAM 1500 MB-B	AMSTERDAM 1000 MC-C
	√	√	√

Main lock inlay	EVO	EVO	single key system	PROSYSTEM	single key system
Additional locking handle inlay	WKE1	EVO		PROSYSTEM	
Amsterdam 1500 mm square door pull					
Unprotected Bergen top inlay escutcheon*					
Protected Bergen top inlay escutcheon with handles					
Decorative hinge caps in the same colour as the escutcheons					

*protected upper inlay escutcheon available only with set MB-B for an additional fee

WKE1 basic inlay EVO class 5.1.B burglar-proof inlay PROSYSTEM burglar-proof inlay EVO single key system 5.1.B burglar-proof class

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

BLOK HANDLE SETS

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

Fitting colours

PLATINUM SILVER
OLIVE GOLD
BLACK

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

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

	BLOK A-A	BLOK MB-B	
Main lock inlay	WKE1	EVO	single key system
Additional locking handle inlay	WKE1	EVO	
Main inlay escutcheon	unprotected	protected	
Top inlay 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.

1000 mm 1500 mm

Fitting colours

PLATINUM SILVER
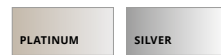
ACCESSORY SET	MONTREAL 1000 A-A	MONTREAL 1000 MB-B	
	√	√	
Main lock inlay	EVO	EVO	single key system
Additional locking handle inlay	WKE1	EVO	
MONTREAL 1000 mm door pull CIRCULAR			
Main inlay escutcheon	unprotected	protected	
Top inlay escutcheon	unprotected	unprotected*	

*additional fee for a protected escutcheon

ACCESSORY SET	MONTREAL 1500 B-A	MONTREAL 1500 MB-B	
	√	√	
Main lock inlay	EVO	EVO	single key system
Additional locking handle inlay	WKE1	EVO	
Main inlay escutcheon	unprotected	protected	
Top inlay escutcheon	unprotected	unprotected*	

*additional fee for a protected escutcheon

WKE1 basic inlay
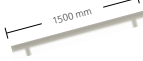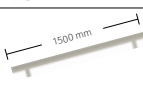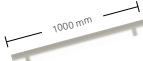
EVO single key system
5.1.B burglar-proof class

AVAILABLE INLAYS	MAIN LOCK INLAY			ADDITIONAL LOCK INLAY		
	MODEL	SIZE		MODEL	SIZE	
TT OPTIMA 50	WKE1 basic inlay	30/45	√	WKE1 knob	G30/45	√
					G45/30	
	EVO class 5.1.B burglar-proof inlay	30/45	√	WKE1 knob	G30/45	√
					G45/30	
	EVO set – single key system	30/45	bundled with		G30/45	√
		30/45	bundled with		G45/30	
TT OPTIMA 60	WKE1 basic inlay	35/50	√	WKE1 knob	G35/50	√
					G50/35	
	EVO class 5.1.B burglar-proof inlay	35/50	√	WKE1 knob	G35/50	√
					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 0 – 100 (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 inlay escutcheon, set		(-)	(-)	√	√
BERGEN - protected inlay 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		(-)	(-)	√	√
AMSTERDAM square pull with a pushbutton 1000, electric doorstrike required		(-)	(-)	√	√
BLOK – unprotected inlay escutcheon, set *		√	√	(-)	(-)
BLOK – protected inlay 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		√	√	(-)	(-)
MONTREAL round pull with a pushbutton 1000 electric doorstrike required		√	√	(-)	(-)
Wide-angle door viewer 50/80		√	√	√	√
Electronic door-viewer		√	√	√	√

* colours available: olive, gold, platinum, silver, black

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 inlay maintenance agent 25 ml		√	√	√	√
Lock and inlay maintenance agent 100 ml		√	√	√	√
Lock and inlay 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

NTT REVO DUOTHERM / ALUTHERM FRAME

Size	Frame model	DOORS		FRAMES		RECOMMENDED ASSEMBLY OPENING*	
		Leaf height at the rabbet (Hs)	Leaf width at the rabbet (Sp)	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	NTT 60/NTT 75 steel	2025 mm	812 mm	2076 mm	896 mm	2086 mm	916 mm
	NTT 60/NTT 75 aluminium	2025 mm	812 mm	2087 mm	918 mm	2097 mm	938 mm
90E	NTT 60/NTT 75 steel	2025 mm	925 mm	2076 mm	1009 mm	2086 mm	1029 mm
	NTT 60/NTT 75 aluminium	2025 mm	925 mm	2087 mm	1031 mm	2097 mm	1051 mm
100E	NTT 60/NTT 75 steel	2025 mm	1025 mm	2076 mm	1109 mm	2086 mm	1129 mm
	NTT 60/NTT 75 aluminium	2025 mm	1025 mm	2087 mm	1131 mm	2097 mm	1151 mm

* includes an installation clearance of 10 mm

TT OPTIMA FB / PERFOTHERM® / ALUTHERM OPTIMA FRAME

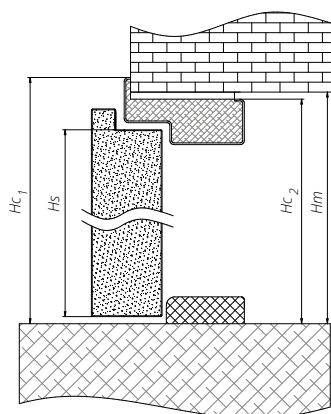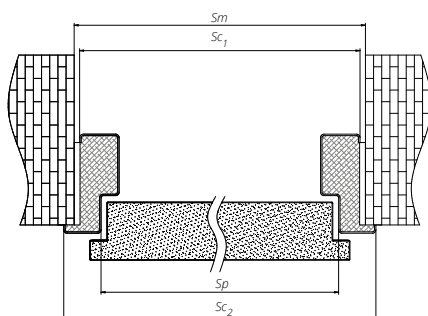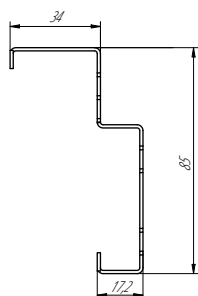| Size	Frame model	DOORS		FRAMES		RECOMMENDED ASSEMBLY OPENING*	
		Leaf height at the rabbet (Hs)	Leaf width at the rabbet (Sp)	Total frame height (Hc)	Total frame width (Sc)	Recommended height of the assembly opening measured from '0' level (Hm)	Recommended width of the assembly opening (Sm)
80N	TT Optima 50 FB TT Optima 50 Perfotherm® TT Optima 60 Perfotherm®	2025 mm	782 mm	2076 mm	866 mm	2086 mm	886 mm
80	TT Optima 50 FB TT Optima 50 Perfotherm® TT Optima 60 Perfotherm®	2025 mm	812 mm	2076 mm	896 mm	2086 mm	916 mm
	TT OPTIMA 60 Alutherm			2087 mm	918 mm	2097 mm	938 mm
90N	TT Optima 50 FB TT Optima 50 Perfotherm® TT Optima 60 Perfotherm®	2025 mm	882 mm	2076 mm	966 mm	2086 mm	986 mm
	TT OPTIMA 60 Alutherm			2087 mm	988 mm		
90E	TT Optima 50 FB TT Optima 50 Perfotherm® TT Optima 60 Perfotherm®	2025 mm	925 mm	2076 mm	1009 mm	2086 mm	1029 mm
	TT OPTIMA 60 Alutherm			2087 mm	1031 mm	2097 mm	1051 mm
100E	TT Optima 50 FB TT Optima 50 Perfotherm® TT Optima 60 Perfotherm®	2025 mm	1025 mm	2076 mm	1109 mm	2086 mm	1129 mm
	TT OPTIMA 60 Alutherm			2087 mm	1131 mm	2097 mm	1151 mm

* includes an installation clearance of 10 mm

DIMENSIONS OF DOORS AND FRAMES

TT OPTIMA DUO PERFOTHERM® / ALUTHERM FRAME

SIZE	DOOR MODEL	LEAF, PASSIVE LEAFE		PERFOTHERM FRAME		ALUTHERM FRAME		RECOMME–ED ASSEMBLY OPENING PERFOTHERM FRAME*		RECOMME–ED ASSEMBLY OPENING ALUTHERM OPTIMA FRAME *	
		Leaf height at the rabbet (Hs)	Leaf width at the rabbet (Sp)	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)
30	TT OPTIMA DUO 60	2025	257	–	–	–	–	–	–	–	–
40			357								
50			457								
80	TT OPTIMA 60	2025	812	2076	896	2087	918	2086	916	2097	938
80+30	TT OPTIMA DUO 60		–		1196		1218		1216		1238
80+40					1296		1318		1316		1338
80+50					1396		1418		1416		1438
90 E	TT OPTIMA 60	2025	925	2076	1009	2087	1031	2086	1029	2097	1051
90 E +30	TT OPTIMA DUO 60		–		1309		1331		1329		1351
90 E +40					1409		1431		1429		1451
90 E +50					1509		1531		1529		1551
100 E	TT OPTIMA 60	2025	1025	2076	1109	2087	1131	2086	1129	2097	1151
100 E +30	TT OPTIMA DUO 60		–		1409		1431		1429		1451
100 E +40					1509		1531		1529		1551
100 E +50					1609		1631		1629		1651

* includes an installation clearance of 10 mm

TT OPTIMA FN FRAME

SIZE	DOORS		FRAMES				RECOMMENDED ASSEMBLY OPENING*	
	Leaf height at the rabbet (Hs)	Leaf width at the rabbet (Sp)	Frame height (Hc1)	Frame width (Hc2)	Frame width (Sc1)	Frame width (Sc2)	Recommended height of the assembly opening measured from '0' level (Hm)	Recommended width of the assembly opening (Sm)
80N	2025 mm	782 mm	2075 mm	2039 mm	797 mm	838 mm	2049 mm	817 mm
80	2025 mm	812 mm	2075 mm	2039 mm	829 mm	902 mm	2049 mm	849 mm
90E	2025 mm	925 mm	2075 mm	2039 mm	940 mm	981 mm	2049 mm	960 mm
100E	2025 mm	1025 mm	2075 mm	2039 mm	1040 mm	1081 mm	2049 mm	1060 mm

* includes an installation clearance of 10 mm

DOOR OPENING DIRECTIONS

LEFT-HANDED DOORS

RIGHT-HANDED DOORS
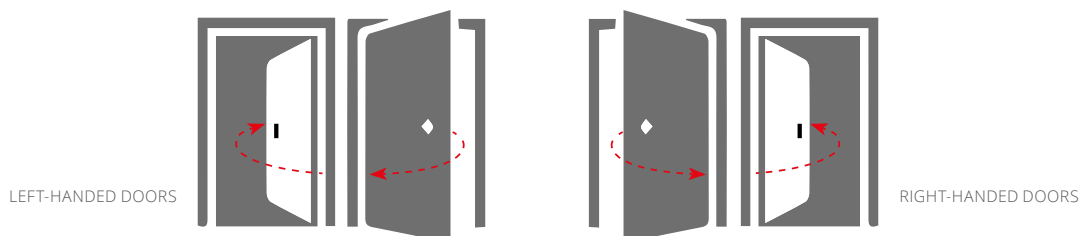
GERDA **LAYER SEALING INSTALLATION**
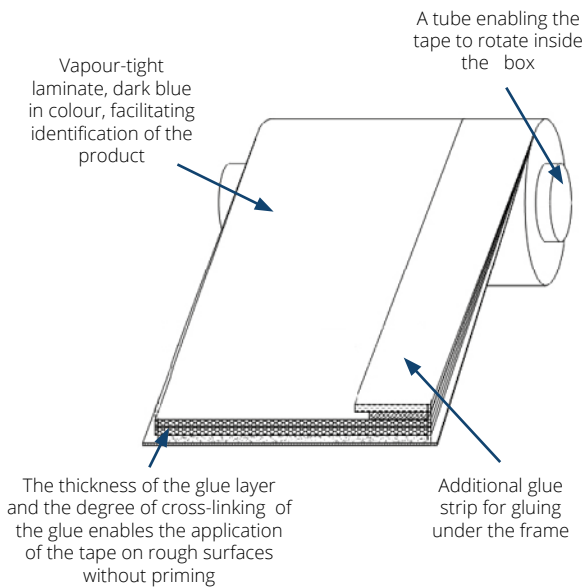
HEAT LOSS MINIMISATION

Layer sealing (commonly known as 'warm installation') is a technology enabling a durable and tight installation of doors. Using the layer sealing installation method significantly reduces heat losses and helps save on power bills.

Layer sealing installation is based on the use of three insulating layers with specific attributes:
- internal sealing – a vapour-tight tape used as a protective layer for thermal insulation, preventing the penetration of water vapour and humidity from the inside of the building into the insulation;
- middle layer – fitting foam used as thermal and acoustic insulation;
- external sealing – a vapour-permeable tape that prevents the penetration of humidity from the outside, while simultaneously diverting humidity from the building interior to the outside.

GERDA RESIST ULTRA DUO – recommended set of tapes for use in layer sealing installation.

GERDA RESIST ULTRA DUO tapes are recommended for use in door layer sealing installation; they are a modern product with a special membrane that regulate the diffusion of water through the compartment dilatation layer. A specially-prepared box contains two rolls of 8 linear metres of 90-mm-wide tape each, dedicated for the installation of a single door.

A tube enabling the tape to rotate inside the box

Vapour-tight laminate, dark blue in colour, facilitating identification of the product

The thickness of the glue layer and the degree of cross-linking of the glue enables the application of the tape on rough surfaces without priming

Additional glue strip for gluing under the frame

	EXTERNAL TAPE	INTERNAL TAPE
Length	**8 m**	**8 m**
Width	**90 mm**	**90 mm**
Glue layer	**single**	**double**

Set of GERDA RESIST ULTRA DUO tapes	√

Gerdalock V3 is a SMART HOME-type lock, enabling the automatic unlocking of doors without taking your smartphone out of your pocket.

CHARACTERISTICS

- Equipped with an iBeacon Estimote Proximity, compatible with the application;
- can be installed on doors with pulls (ratchet pull function);
- safe, encrypted data transmission;
- easy and instant transfer of keys to other users (temporarily, regularly or permanently);
- ability to open the lock using an Apple Watch and Widget;
- option to receive notifications of each instance of unlocking and locking the door and access to an event log;
- ability to open the lock manually, using a knob from the inside and a key from the outside

PRODUCT FEATURES

- the lock is powered by four CR123 batteries;
- GERDALOCK V3 is equipped with a clutch that activates only when the electric engine is working;
- Requirements of the GERDALOCK 2017 application: iPhone 5 with iOS10 or newer, or a phone with an Android 5.0 system or newer;
- the GERDALOCK V3 lock can be installed on doors with typical European profile inlays;
- a certified GERDA SLR FIX inlay, adapted to the lock, enables the door to be opened with a regular key;
- encrypted AES-256 data transmission ensures the highest level of security;
- the GERDALOCK 2017 application is available through App-Store and GooglePlay.

SIZE DOORS

90 E | 100 E

MODEL	TT OPTIMA 50	TT OPTIMA 60		NTT REVO 60	NTT REVO 75	
TT OPTIMA and NTT REVO accessory sets GERDA LOCK V3 BLUETOOTH	√	√		√	√	
TT OPTIMA and NTT REVO accessory sets GERDA LOCK V3 BLUETOOTH + Z-Wave	√	√		√	√	
	BLOK C-A	BLOK MC-C		BERGEN C-A	BERGEN MC-C	
Main lock driver	SLR FIX	SLR FIX	Single-key system	SLR FIX	SLR FIX	Single-key system
Driver with an additional lock knob	WKE1	MarK100		WKE1	MarK100	
BLOK / BERGEN unprotected escutcheon of the upper driver						
BLOK / BERGEN protected escutcheon of the main driver with handles						
decorative hinge covers in the same colour as the escutcheons						

* optional accessories with TT OPTIMA, standard with NTT REVO.
  door pulls subject to an additional charge

ADDITIONAL ACCESSORIES		DESCRIPTION
Beacon Proximity	√	Enables the use of the automatic opening function

Security
for the long term

www.gerda.pl