

PORTA THERMO

EXTERIOR STEEL DOORS

 PORTA 

WHY CHOOSE PORTA THERMO DOORS?

MATCHING INTERIOR DOORS

Unify all the doors in your home with color! With classic wood-effect laminates and the new 2025/2026 palette of Premium lacquers collection, you'll achieve an effect of harmony and elegance in your interiors.

Exterior door: **PORTA THERMO G.1**, Woodec Oak Turner, side transoms, Graphite glass
Matching interior door: **NATURA CLASSIC 1.1**, Light Oak, FIORO handle

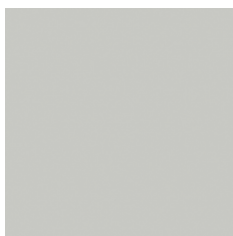
WELL-DESIGNED DOORS, RIGHT FROM THE ENTRANCE!

Check out our selected offer of PORTA THERMO steel exterior doors.
The most popular models, in top colors and 4 energy efficient variants.

STEP 1 SELECT THE MODEL AND COLOR

NEW

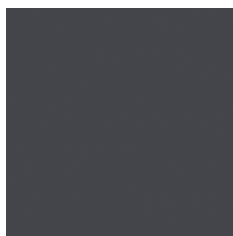
Color Collection: Premium Lacquers 2025 / 2026



Light Gray
RAL 7035



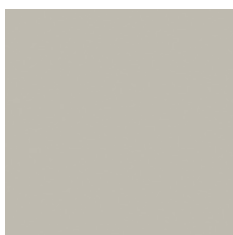
Grey
RAL 7042



Anthracite
RAL 7016



Blue Sapphire
RAL 5011



Beige Gray
RAL 7044



Olive Grey
RAL 7033



Dark Green
NCS S7020 B90G



Maroon
RAL 3007

PVC Laminated Steel Sheet



Black



Anthracite



Anthracite
Synchro structure



Walnut



Golden Oak



Winchester Oak

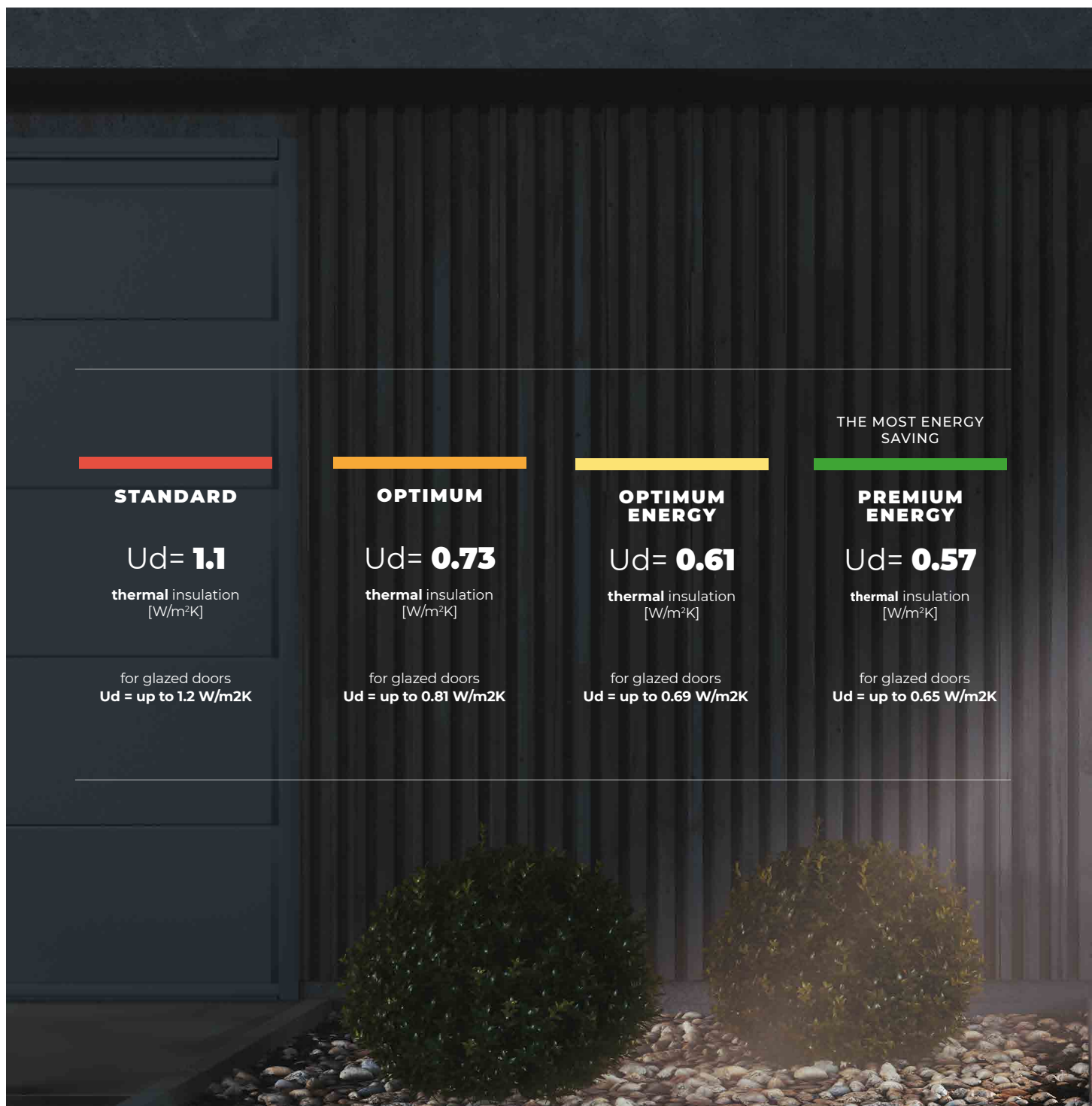


Woodec Turner
Oak



**See the model of your
choice in your favorite color**
scan the code / go to the
CONFIGURATOR

➤ Learn more about colors on [page 18](#)



THE MOST ENERGY SAVING			
STANDARD	OPTIMUM	OPTIMUM ENERGY	PREMIUM ENERGY
Ud= 1.1	Ud= 0.73	Ud= 0.61	Ud= 0.57
thermal insulation [W/m ² K]	thermal insulation [W/m ² K]	thermal insulation [W/m ² K]	thermal insulation [W/m ² K]
for glazed doors Ud = up to 1.2 W/m2K	for glazed doors Ud = up to 0.81 W/m2K	for glazed doors Ud = up to 0.69 W/m2K	for glazed doors Ud = up to 0.65 W/m2K

STEP 2

CHOOSE AN ENERGY-EFFICIENT PACKAGE

PORTA THERMO doors are available in four thermal packages. The most energy-efficient **PREMIUM ENERGY** provides a coefficient of **Ud = 0.57**. The innovative SolidTherm composite technology used in it ensures durable construction and the highest thermal insulation. Choose the package most suited to your needs and save energy!

Learn more about the packages on page 19



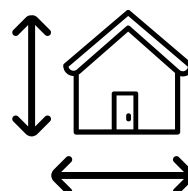


STEP 3

MATCH YOUR DOORS TO YOUR NEEDS

Discover the comprehensive possibilities of PORTA THERMO – custom-made doors. The height and width can be adjusted in 1 cm increments, which allows you to adapt the door to the requirements of the facility, architectural design or lifestyle.

Learn more about dimensional matching on page 25



MODERN **COLLECTION**

➤ Learn more about colors on [page 18](#)



MODEL M.1
Anthracite



MODEL M.2
Anthracite, one-sided panel



MODEL M.3
Anthracite, one-sided panel

STANDARD

OPTIMUM

OPTIMUM ENERGY

PREMIUM ENERGY

BASIC PRICE OF THE MODEL INCLUDES:

DOOR: finished with Laminated Steel Sheet (door leaf width '80' – '100' + door frame with threshold) equipped with a multipoint lock with hooks, adjustable strike plates, dog bolts and adjustable 3D hinges with caps

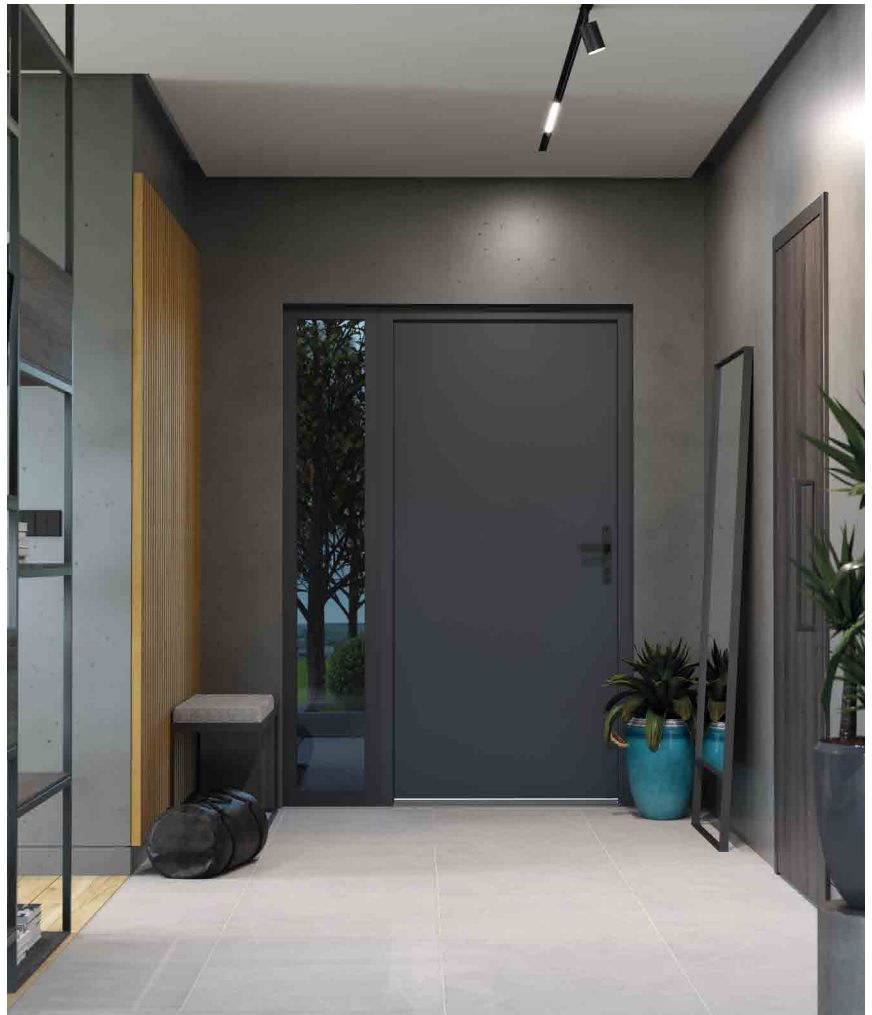
ACCESSORIES IN SILVER (Inox)

(GARDO / GARDO TOP handle with upper escutcheon, set of class B cylinders, model M.3 with door pull – handle not available)



MODEL M.4

Anthracite, double-sided panel



view from the inside

entrance door: PORTA THERMO M.2, Anthracite,
square door pull + SOLO SOLID handle, side transom 400 mm

PORTA matching interior doors: FIRE O.1, Sherman Oak

Additional options – check from page 18

All models in the **RC2** CLASS (no surcharge) for THE OPTIMUM,
OPTIMUM ENERGY AND PREMIUM ENERGY PACKAGES

LINE COLLECTION

› Learn more about colors on [page 18](#)



MODEL L.1

Grey RAL 7042*,
double-sided embossing



MODEL L.2

Grey RAL 7042*,
double-sided embossing



MODEL L.3

Grey RAL 7042*,
double-sided embossing

STANDARD

OPTIMUM

OPTIMUM ENERGY

PREMIUM ENERGY

BASIC PRICE OF THE MODEL INCLUDES:

DOOR: finished with Laminated Steel Sheet (door leaf width '80' – '100' + door frame with threshold) equipped with a multipoint lock with hooks, adjustable strike plates, dog bolts and adjustable 3D hinges with caps

ACCESSORIES IN SILVER (Inox)

(GARDO / GARDO TOP handle with upper escutcheon, set of class B cylinders)

*Premium 2025 / 2026 paint color collection not available in the PREMIUM ENERGY package, check surcharges on page 18.



MODEL L.4

Grey RAL 7042*,
double-sided inlay

NEW



MODEL L.5

Grey RAL 7042*,
double-sided embossing

NEW



MODEL L.6

Grey RAL 7042*,
double-sided embossing

Additional options – check from page 18

All models in the **RC2** CLASS (no surcharge) for THE OPTIMUM,
OPTIMUM ENERGY AND PREMIUM ENERGY PACKAGES

GLASS COLLECTION

➤ Learn more about colors on [page 18](#)



MODEL G.1
Woodec Oak Turner*, double-sided panels and embossing



MODEL G.2
Woodec Oak Turner*, double-sided panels



MODEL G.3
Woodec Oak Turner*, double-sided panels

STANDARD

OPTIMUM

OPTIMUM ENERGY

PREMIUM ENERGY

BASIC PRICE OF THE MODEL INCLUDES:

DOOR: finished with Laminated Steel Sheet (door leaf width '80' - '100' + door frame with threshold) equipped with a multipoint lock with hooks, adjustable strike plates, dog bolts and adjustable 3D hinges with caps

ACCESSORIES IN SILVER (Inox)

(GARDO / GARDO TOP handle with upper escutcheon, set of class B cylinders)



From the inside and outside black or stainless steel anodized panel, matching the color of the fittings

*The color Woodec Turner Oak is not available in the STANDARD package.

NEW



MODEL G.4
Woodec Oak Turner*,
double-sided panels



MODEL G.5
Woodec Oak Turner*,
double-sided panels

Additional options – check from page 18

Available glass – check page 24

Each model available in the RC2 class at an extra charge for the OPTIMUM,
OPTIMUM ENERGY and PREMIUM ENERGY package

NEW

PANEL GLASS COLLECTION

➤ Learn more about colors on [page 18](#)



MODEL P.1
Woodec Oak Turner*,
double-sided embossing



MODEL P.2
Woodec Oak Turner*



MODEL P.3
Woodec Oak Turner*

STANDARD

OPTIMUM

**OPTIMUM
ENERGY**

**PREMIUM
ENERGY**

BASIC PRICE OF THE MODEL INCLUDES:

DOOR: finished with Laminated Steel Sheet (door leaf width '80' – '100' + door frame with threshold) equipped with a multipoint lock with hooks, adjustable strike plates, dog bolts and adjustable 3D hinges with caps

ACCESSORIES IN SILVER (Inox) (GARDO / GARDO TOP handle with upper escutcheon, set of class B cylinders)

*The color Woodec Turner Oak is not available in the STANDARD package.



MODEL P.4
Woodec Oak Turner*



anodized panel in black or inox,
matching the color of the fittings.
Panel as in models G.1, G.2, G.3, G.5.



From the outside, glass panel on the surface
of the door leaf. Aesthetically mass-dyed glass
was used here – black glass, characterized by
low light transmission.

Screen printed glass (from the inside). This is
a solution with high durability and mechanical
strength, resistance to light and weathering,
and high resistance to thermal stress achieved
by painting the pattern around the perimeter
with thermosetting ceramic paint.

Additional options – check from page 18

CLASSIC COLLECTION

➤ Learn more about colors on [page 18](#)



MODEL C.1
Black, double-sided frames



MODEL C.2
Black, double-sided frames



MODEL C.3
Black, double-sided frames

STANDARD

OPTIMUM

OPTIMUM ENERGY

PREMIUM ENERGY

BASIC PRICE OF THE MODEL INCLUDES:

DOOR: finished with Laminated Steel Sheet (door leaf width '80' – '100' + door frame with threshold) equipped with a multipoint lock with hooks, adjustable strike plates, dog bolts and adjustable 3D hinges with caps

ACCESSORIES IN SILVER (Inox)

(GARDO / GARDO TOP handle with upper escutcheon, set of class B cylinders)



Aluminum mouldings in solid models,
PVC mouldings in glazed models



MODEL C.4

Black, double-sided mouldings



Create harmony in your home –
match your PORTA interior doors to
the model and color of your exterior
doors.

view from the inside

entrance door: PORTA THERMO C.2, Black,
Apollo handle, side transoms 500, transparent glass

PORTA matching interior doors: AIR P.3, Fiord

Additional options – check from page 18

Available glass – check page 24

Models C.1, C.2 in the RC2 class (no surcharge) for the OPTIMUM,
OPTIMUM ENERGY and PREMIUM ENERGY packages

NEW

RETRO COLLECTION

➤ Learn more about colors on [page 18](#)



MODEL R.1

Olive gray RAL 7033*,
double-sided mouldings



MODEL R.2

Olive gray RAL 7033*,
double-sided mouldings



MODEL R.3

Olive gray RAL 7033*,
double-sided mouldings

STANDARD

OPTIMUM

OPTIMUM ENERGY

PREMIUM ENERGY

BASIC PRICE OF THE MODEL INCLUDES:

DOOR: finished with Laminated Steel Sheet (door leaf width '80' - '100' + door frame with threshold) equipped with a multipoint lock with hooks, adjustable strike plates, dog bolts and adjustable 3D hinges with caps

ACCESSORIES IN SILVER (Inox)

(GARDO / GARDO TOP handle with upper escutcheon, set of class B cylinders)



Aluminum moulding
with a classic profile

*Premium 2025 / 2026 paint color collection not available in the PREMIUM ENERGY package, check surcharges on page 18.



MODEL R.4

Olive gray RAL 7033*,
double-sided frames



MODEL R.5

Olive gray RAL 7033*,
double-sided frames



MODEL R.6

Olive gray RAL 7033*,
double-sided frames

Additional options – check from page 18

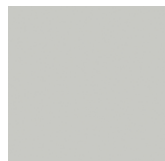
Available glass – check page 24

Models R.1, R.2, R.3, R.4 in the RC2 class (no surcharge)
for the OPTIMUM, OPTIMUM ENERGY and PREMIUM ENERGY packages

DOOR COLORS

NEW

Color Collection: Premium Paints 2025 / 2026*, available in the PORTA THERMO STANDARD, OPTIMUM and OPTIMUM ENERGY door packages



Light Grey
RAL 7035



Grey
RAL 7042



Anthracite
RAL 7016



Blue Sapphire
RAL 5011



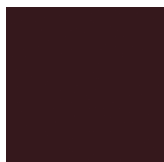
Beige Gray
RAL 7044



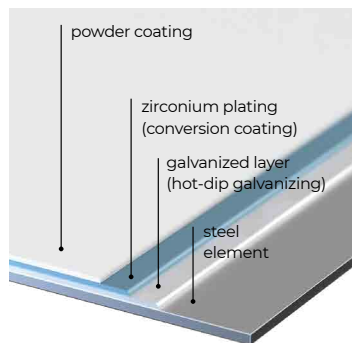
Olive Grey
RAL 7033



Dark Green
NCS S7020 B90G



Maroon
RAL 3007



New multi-layer surface finish of PORTA THERMO doors using powder coating technology. The powder-coated surfaces are extremely resistant to the effects of adverse weather conditions and moisture.

*Colors available from May 2025



The entire RAL color palette is available in all PORTA steel door collections, on special order, tailored to the architectural design or the investor's individual needs (implementation by contract order).

The matt structure finish provides an eye-pleasing and elegant light dispersion effect across the entire door leaf.

Surcharge for colors from the Premium Paints collection.

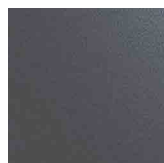
- RETRO door collection
- other door collections

PVC Laminated Steel Sheet

*The color Woodec Turner Oak is not available in the STANDARD package.



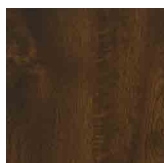
Black



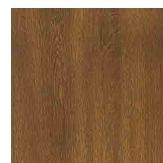
Anthracite



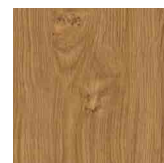
Anthracite
Synchro Structure



Walnut



Golden Oak



Winchester Oak

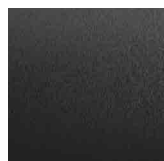


Woodec Oak
Turner *

Accessories and details in colors

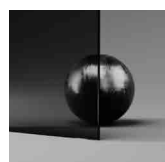


Inox

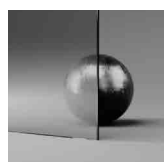


Brushed Black
(for an additional charge)

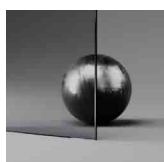
Available glazing, see page 24 for more information



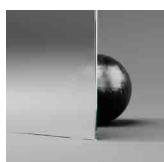
Black



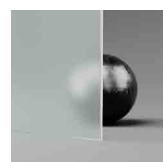
Reflex Graphite



Graphite



Venetian mirror



Matt

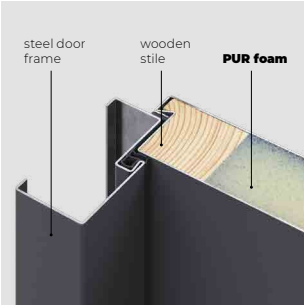





Transparent

PERSONALIZE ACCORDING TO YOUR NEEDS

Check out the available packages

THE MOST
ENERGY SAVING

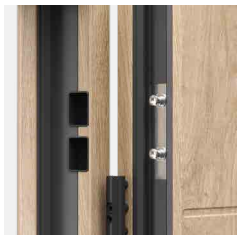
<p>STANDARD</p> <p>Ud= 1.1</p> <p>thermal insulation [W/m²K]</p> <p>for glazed doors Ud = up to 1.2 W/m2K</p>  <p>door leaf design</p> <p>door leaf casing: galvanized steel sheet</p> <p>wooden frame + PUR foam filling</p>	<p>OPTIMUM</p> <p>Ud= 0.73</p> <p>thermal insulation [W/m²K]</p> <p>for glazed doors Ud = up to 0.81 W/m2K</p>  <p>door leaf design</p> <p>door leaf casing: galvanized steel sheet</p> <p>composite frame + filling PUR foam</p>	<p>OPTIMUM ENERGY</p> <p>Ud= 0.61</p> <p>thermal insulation [W/m²K]</p> <p>for glazed doors Ud = up to 0.69 W/m2K</p>  <p>door leaf design</p> <p>door leaf casing: galvanized steel sheet</p> <p>composite frame + infill PUR foam</p>	<p>PREMIUM ENERGY</p> <p>Ud= 0.57</p> <p>thermal insulation [W/m²K]</p> <p>for glazed doors Ud = up to 0.65 W/m2K</p>  <p>door leaf design</p> <p>door leaf casing: galvanized steel sheet</p> <p>composite frame + infill PUR foam</p>
<p>3 rebates 3 anti-theft bolts</p>	<p>4 rebates 6 anti-theft bolts</p>	<p>4 rebates 6 anti-theft bolts</p>	<p>4 rebates 6 anti-theft bolts</p>
<p>thickness 54 mm</p>	<p>thickness 66 mm</p>	<p>thickness 78 mm</p>	<p>thickness</p>
<p>steel door frame</p>	<p>aluminum door frame</p>	<p>aluminum door frame</p>	<p>composite door frame</p>
<p>✗</p>	<p>option to add transoms</p>	<p>option to add transoms</p>	<p>✗</p>
<p>steel threshold</p>	<p>aluminum-composite threshold enhancing thermal insulation</p>	<p>aluminum-composite threshold enhancing thermal insulation</p>	<p>aluminum-composite threshold enhancing thermal insulation</p>
<p>standard handle</p>	<p>premium handle with enhanced RC2 security features</p>	<p>premium handle with enhanced RC2 security features</p>	<p>premium handle with enhanced RC2 security features</p>

Thanks to the use of the unique SolidTherm composite construction, we have created doors with excellent thermal transmittance parameters.

Our **SolidTherm** composite is a specially designed blend of ABS and fiberglass that: gives rigidity and strength to the door structure, provides excellent thermal insulation, does not absorb moisture, does not deform under temperature fluctuations, does not tend to deform door corners, and is 100% recyclable.

OPTIMUM ENERGY PACKAGE, model G.1, color Woodec Oak Turner

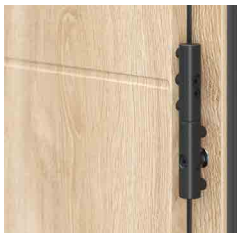
anodized frame
in the GLASS collection
– greater aesthetics and
resistance to damage



**independent
anti-theft bolts**



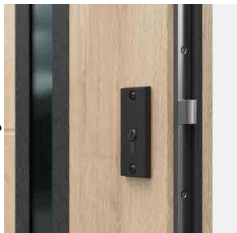
strike plate in the door
frame with pressure
adjustment



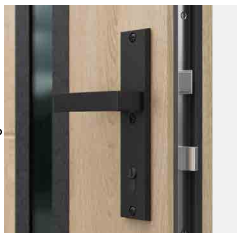
3D adjustable hinge in black
with an additional protective cap



**hook of the
multipoint lock**



**upper escutcheon,
additional lock**



main lock

ACCESSORIES — THRESHOLD CONNECTED TO THE DOOR FRAME.

We distinguish the following thresholds:

— The aluminum-composite threshold available in 3 sizes:

- 80 mm aluminum-composite threshold – door opening inwards (OPTIMUM and PREMIUM ENERGY packages)
- 85 mm aluminum-composite threshold – door opening inwards (OPTIMUM ENERGY package)
- 80 mm aluminum-composite threshold (straight profile) – door opening outwards (OPTIMUM, OPTIMUM ENERGY, and PREMIUM ENERGY packages)

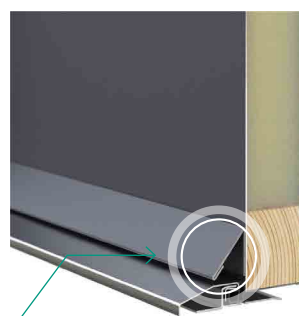
— Stainless steel threshold (STANDARD package)



80 mm threshold
for outward opening doors



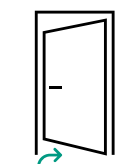
80 mm / 85 mm threshold
for inward opening doors



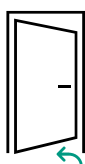
Stainless steel threshold
100 mm

Please note! The drip cap is used in doors that open inwards and is mounted at the lower edge of the door leaf. It prevents water (rain, snow) from entering the house. In the STANDARD package, it is a conspicuous element mounted to the door leaf, in other packages, it is a minimalist strip (marked on the details).

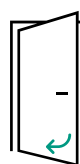
Opening side



Left from the inside



Right from the inside



Left from the outside



Right from the outside

PERSONALIZE ACCORDING TO YOUR NEEDS

Available opening methods



handle + handle



handle + door pull



handle + knob



access control,
SMART lock in the
OPTIMUM ENERGY and
PREMIUM ENERGY
packages

Handles for the OPTIMUM, OPTIMUM ENERGY AND PREMIUM ENERGY PACKAGES



GARDO TOP
handle-handle
with insert protection (flex)
as standard



APOLLO
handle-knob
without insert protection
(flex)



inox



black

It is possible to order the APOLLO handle with the option of insert protection (flex) at an extra charge

* GARDO handle available from July 2025

* item included in the price of the sets on pages 6-17. If the fittings are changed, you should subtract the standard value included in the price and add the value of the replacement fittings.

Handles for the STANDARD PACKAGE



GARDO
handle-handle



HAGA
handle-knob



inox



black

* item included in the price of the sets on pages 6-17. If the fittings are changed, you should subtract the standard value included in the price and add the value of the replacement fittings.

SOLID SOLO handle for the option with a door pull



inox



black

It is possible to order the handle with the option of an insert protection (flex) at an extra charge.

Door pulls* LENGTH 1500 mm



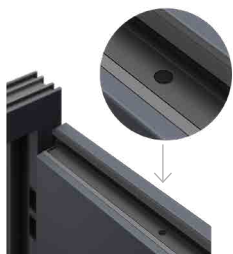
Straight
round pull



Straight
rectangular pull

*Model M.3 available only with the pull, models M.4, C.1, C.2, C.4 and RETRO collection not available with a pull.

Reed switch for all opening methods



A reed switch is a sensor that provides information about whether a door is closed or open. It is built into the top edge of the door leaf, invisible when the door is closed. It is useful, for example, for alarm installations or property surveillance.

Concealed door closer (OPTIMUM and OPTIMUM ENERGY)



Concealed door closer mounted inside the door leaf and the door frame. It combines functionality and aesthetics – doors without visible mechanical components

Arm door closer with locking function

- silver
- black



Rail door closer with locking function (OPTIMUM, OPTIMUM ENERGY and PREMIUM ENERGY)

- silver
- black



Door viewer (STANDARD)

- silver
- black

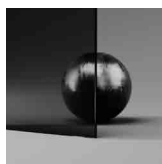


Panoramic door viewer (OPTIMUM, OPTIMUM ENERGY and PREMIUM ENERGY)

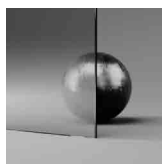
- silver
- black



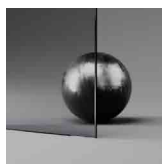
Available glass panels



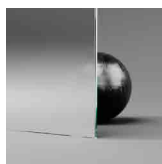
Black*



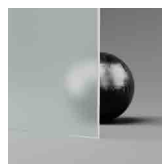
Reflex Graphite*



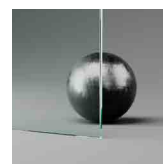
Graphite



Venetian mirror



Matt



Transparent

* Glass not available for model C.4. / Black glass and Venetian mirror for a surcharge.

We use the following types of glass:

- safety 33.1 characterized by increased impact strength (after impact, the glass breaks, but its pieces are held on the undamaged layer of PVB film)
- or P4 (burglar-proof glass 44.4) offering the highest level of protection against burglary among safety glass.

The 3-pane/2-chamber package is used in the STANDARD, OPTIMUM and PREMIUM ENERGY doors and transoms.

The 4-pane/3-chamber package is available in the OPTIMUM ENERGY doors.

Our glazing packages feature a warm internal glazing frame in black with improved thermal insulation parameters.

Cylinders

The price of the PORTA THERMO door set includes 2 class B cylinder inserts sized to match the selected package (cylinder inserts in the single key system – 5 pieces).

For the option with a door pull, there is 1 pcs of class B cylinder insert sized to match the selected package (cylinder insert in the single key system – 3 pieces).

In the OPTIMUM, OPTIMUM ENERGY, and PREMIUM ENERGY packages, the cylinder insert can be replaced optionally with:

- an insert with emergency function: allows you to unlock the door despite the key left on the inside
- a construction cylinder: contains 2 construction keys for the duration of construction or renovation and 5 target keys (using the target key permanently decodes the construction keys).



key-key cylinder insert
available colors: black,
silver



set
available colors: black,
silver

*item included in the price of sets on page 6-17. In case of changing the fittings, subtract the standard amount included in the price from the amount of the set and add the value of the replaced fittings.

a change of cylinder insert color to black (to the price of the cylinder) – applies to all packages and types of cylinders at an extra charge.

Other surcharges

STANDARD PACKAGE SURCHARGES

- electric strike with day/night roller function for configurations: handle + door pull / handle + door knob
- reinforcement for the door closer

SURCHARGES FOR THE OPTIMUM, OPTIMUM ENERGY AND PREMIUM ENERGY PACKAGES

- Electric strike with day/night roller function for configurations: handle + door pull / handle + door knob
- electric strike with roller function + reed switch, for the solutions: handle + door pull / handle + knob
- 12 V POWER SUPPLY Dedicated to door pull with push button solutions
- reinforcement for the door closer

CUSTOMIZED DOORS

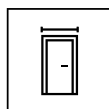
– PERSONALIZE ACCORDING TO YOUR NEEDS



PORTA THERMO R3,
Olive Gray RAL 7033, Apollo handle, side transom

Dimensional adjustment:

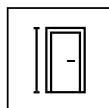
- widths in 10 mm increments
- heights above standard in 10 mm increments
- height below standard – up to a maximum of 70 mm lower doors in 10 mm increments



WIDTH available in 10 mm increments in the range "80-100"

The available Sz range:

- STANDARD package: 930-1130 mm
- OPTIMUM, OPTIMUM ENERGY and PREMIUM ENERGY package: 954-1154 mm



HEIGHT available in 10 mm increments from the standard height to a maximum of 300 mm higher:

Available Hz range:

- STANDARD package: 2010-2380 mm
- OPTIMUM, OPTIMUM ENERGY and PREMIUM ENERGY package: 2015-2385 mm

PORTA THERMO – CUSTOM MADE DOORS!

Adjustment of the door width **at no extra charge!**

- door widths in 10 mm increments within the range: STANDARD PACKAGE width = 930-1130 mm / OPTIMUM, OPTIMUM ENERGY and PREMIUM ENERGY PACKAGES width = 954-1154 mm

Lower doors **without a surcharge!**

- from Hz = 2010 mm to 2080 mm for the STANDARD PACKAGE
- from Hz = 2015 mm to 2085 mm for the OPTIMUM, OPTIMUM ENERGY and PREMIUM ENERGY PACKAGES

Reduced surcharge for higher doors

- from Hz = 2090 mm to 2380 mm for the STANDARD PACKAGE (10 mm increments)
- from Hz = 2095 mm to 2385 mm for the OPTIMUM, OPTIMUM ENERGY and PREMIUM ENERGY PACKAGES (10 mm increments)

Check out the detailed price list for transoms on page 29

- side transom widths in the range of NS = 300-800 mm (in 10 mm increments)
- side transom heights in the range of HN = 2015-2385 mm (in 10 mm increments)
- upper transom widths in the range of NS = 954-2754 mm (in 10 mm increments)
- upper transom heights in the range of NH = 300-500 mm (in 10 mm increments)

WHAT DO YOU GAIN WITH THREE-LAYER TIGHT ASSEMBLY?

- warm assembly is crucial to obtain the proper parameters and comfort of using the door - installation in the insulation zone increases the energy efficiency of the partition
- three layers of assembly, are to ensure that moisture drains outside the partition (wall) and is not retained in the foam
- separation of the floor of the house from external factors such as frost, moisture, air flow under the threshold

Note: The set is available in energy-efficient packages: OPTIMUM, OPTIMUM ENERGY and PREMIUM ENERGY



MASONRY INSTALLATION SET WITHOUT UNDERSTRUCTURE

CONSTRUCTION STAGE

new house

house renovation

INSTALLATION METHOD

in the masonry wall
without a threshold
understructure

doors installed
on a finished floor

SET COMPONENTS

three-layer sealing system
(foam + internal liquid film
+ external liquid film)



MASONRY INSTALLATION SET WITH AN UNDERSTRUCTURE

CONSTRUCTION STAGE

new house

with a channel for the
understructure in the
foundation

house renovation

(additional hole cutting in the
floor for the understructure is
required)

INSTALLATION METHOD

in the masonry wall
with a threshold
understructure

doors installed
on an understructure

SET COMPONENTS

Components included in the set for
installation **without an understructure**
and an understructure consisting of
150 mm and 150 mm beams



WALL INSTALLATION SET IN THE INSULATION ZONE ON AN UNDERSTRUCTURE

CONSTRUCTION STAGE

new house warm beam
mounted to the wall +
understructure

INSTALLATION METHOD

in the insulation zone
with the use of warm beams
with threshold understructure

doors installed
on an understructure

SET COMPONENTS

Components included in the set
for installation **in the wall on an
understructure** and warm installation
beams and set of fastening components



See the installation of PORTA THERMO doors
OPTIMUM ENERGY package – Installation in
the insulation zone

CHECK OUT WHAT YOU WILL ADDITIONALLY GAIN
WITH EACH PACKAGE

THE MOST ENERGY SAVING			
STANDARD	OPTIMUM	OPTIMUM ENERGY	PREMIUM ENERGY
2 YEARS WARRANTY	2 YEARS WARRANTY	2 YEARS WARRANTY	2 YEARS WARRANTY

DOOR DIMENSION TABLES

PORTA THERMO* EXTERIOR ENTRANCE DOORS

	SIZE	S _s	H _s	D _s	S ₀	H ₀	O _s	O _w	S _z	H _z	T _{s/w}
PACKAGE STANDARD	80	868	2040	54	950	2090	820	2008	930	2080	+10 /+5
	85	918			1000		870		980		
	90	968			1050		920		1030		
	95	1018			1100		970		1080		
	100	1068			1150		1020		1130		
PACKAGE OPTIMUM	80	885	2038	66	974	2095	834	2005	954	2085	+10 /+5
	85	935			1024		884		1004		
	90	985			1074		934		1054		
	95	1035			1124		984		1104		
	100	1085			1174		1034		1154		
OPTIMUM ENERGY PACKAGE	80	885	2038	78	974	2095	834	2005	954	2085	+10 /+5
	85	935			1024		884		1004		
	90	985			1074		934		1054		
	95	1035			1124		984		1104		
	100	1085			1174		1034		1154		
PREMIUM ENERGY PACKAGE	80	885	2038	66	974	2095	834	2005	954	2085	+10 /+5
	85	935			1024		884		1004		
	90	985			1074		934		1054		
	95	1035			1124		984		1104		
	100	1085			1174		1034		1154		

* dimensions for standard height, when changing the height, the dimension of HS, HO, OW, HB, HZ is adjusted accordingly in the ranges – 70 to +300 mm

* dimensions HS, HZ, H0 increase by 3 mm when a concealed door closer is used

TRANSOMS FOR PORTA THERMO DOORS*

	NH	Now	NS	Nos
SIDE TRANSOMS	2085	1967	300	182
			400	282
			500	382
			600	482
			700	582
			800	682
UPPER TRANSOMS	300/400/500	182/282/382	954	836
			1004	886
			1054	936
			1104	986
			1154	1036
			1204	1086
			1254	1136
			1304	1186
			1354	1236
			1404	1286
			1454	1336
			1504	1386
			1554	1436
			1604	1486
			1654	1536
			1704	1586
			1754	1636
			1804	1686
			1854	1736
			1904	1786
			1954	1836
			2004	1886
			2054	1936
			2104	1986
			2154	2036
			2204	2086
			2254	2136
			2304	2186
			2354	2236
			2404	2286
			2454	2336
			2504	2386
			2554	2436
			2604	2486
			2654	2536
			2704	2586
			2754	2636

A Adjustment of the upper transom width within the range of NS 954-2754 mm

B Adjustment of the upper transom height within the NH range of 300-500 mm (in 10 mm increments)

B Adjustment of the side transom height within the NH range of 2015-2385 mm (in 10 mm increments)

D Adjustment of door height in 10 mm increments within the range of:
standard H_z = 2010 – 2380 mm
optimum H_z = 2015 – 2385 mm
premium H_z = 2015 – 2385 mm

E Adjustment of door width in 10 mm increments within the range of:
Standard S_z = 930-1130 mm
Optimum S_z = 954-1154 mm
Premium S_z = 954-1154 mm

F Adjustment of the side transom width in the range of NS 300-800 mm (in 10 mm increments)

KEY TO DIMENSIONS

S_s total width of the door leaf (including the rebates)

H_s total height of the door leaf (including the rebate)

D_s door leaf thickness

S₀ width of the wall opening prepared for embedding the frame

H₀ height of the wall opening prepared for embedding the frame, measured from finished floor level

O_s door frame clearance width

O_w door frame clearance height (measured from finished floor level)

S_z total width of the door frame

H_z total height of the door frame

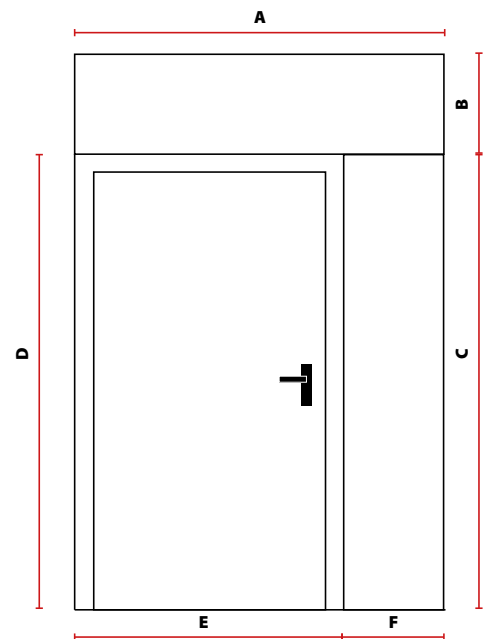
T_{s/w} permissible tolerance of deviation in the width | height of wall opening

NS total width of the transom

NH total height of the transom

Nos visible width of the glazing

Now visible height of glazing



* dimensions for standard height, when the door height is changed, the NH and Now dimensions of the side transom are adjusted accordingly

PERSONALIZE ACCORDING TO YOUR NEEDS

Transoms for the OPTIMUM and OPTIMUM ENERGY packages

Table 1 / side transom (dimensions in mm)

RANGE	WIDTH	300	310-400	410-500	510-600	610-700	710-800
	HEIGHT						
	2085	•	•	•	•	•	•
	2185	•	•	•	•	•	•
	2285	•	•	•	•	•	•
	2385	•	•	•	•	•	•

Table 2a / upper transom – max dimensions (2x side transom 800)

RANGE	WIDTH	954	964-1054	1064-1154	1164-1254	1264-1354	1364-1454	1464-1554
	HEIGHT							
	300	•	•	•	•	•	•	•
	310-400	•	•	•	•	•	•	•
	410-500	•	•	•	•	•	•	•

Table 2b / upper transom – max dimensions (2x side transom 800)

RANGE	WIDTH	1564-1654	1664-1754	1764-1854	1864-1954	1964-2054	2064-2154
	HEIGHT						
	300	•	•	•	•	•	•
	310-400	•	•	•	•	•	•
	410-500	•	•	•	•	•	•

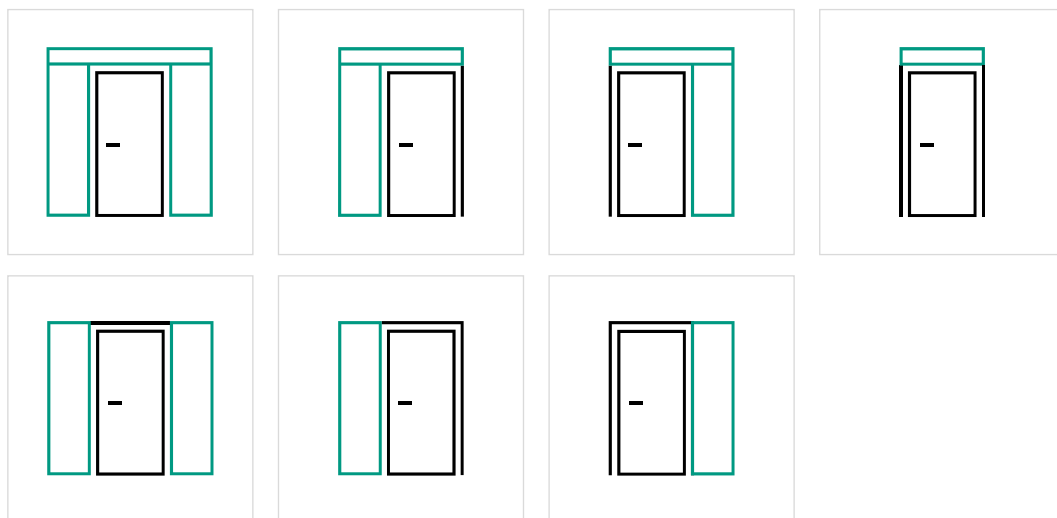
RANGE	WIDTH	2164-2254	2264-2354	2364-2454	2463-2554	2564-2654	2664-2754
	HEIGHT						
	300	•	•	•	•	•	•
	310-400	•	•	•	•	•	•
	410-500	•	•	•	•	•	•

ADDITIONAL CHARGES FOR GLASS IN TRANSOMS

- Venetian mirror
- Black glass
- RC2 version glass

TRANSOMS

The transom are available with aluminum frames (OPTIMUM and OPTIMUM ENERGY packages). Each side transom can be installed either on the left or right side of the door – they are universal in direction. Check out the dimensions on page 29.



OPENING A DOOR HAS NEVER BEEN SO EASY



1

OPEN THE DOOR BY TOUCHING THE READER

Open the door by touching the reader. Your fingerprint is stored locally and permanently in the reader, so you can open the door regardless of whether you are online or offline.

2

OPEN THE DOOR WITH YOUR SMARTPHONE

You can open your door remotely, from anywhere in the world. Simply install the ekey bionyx door control app.

3

ENTRY WITH TIMED ACCESS

Once the app is set up, as the administrator and owner of the house, you can grant temporary access to open the door. This way, your household members, guests, or even co-workers, will be able to enter your home, without the need for a key.

SMART (ekey dLine biometric reader, Winkhaus EAV3 auto-locking lock, power supply), dedicated to door pull solutions without a button*

* option available in OPTIMUM ENERGY and PREMIUM ENERGY packages.

Scan the QR code
check out the SMART offer
with fingerprint reader





**SMART LOCK
ACCESS CONTROL
SAFE HOME**

TRANSOMS

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District Court Gdańsk-Północ in Gdańsk, 8th Commercial Division of the National Court Register,
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entrance door: **PORTA THERMO L.6**, Beige Gray RAL 7044, square door pull + SOLO SOLID handle, side transom
matching interior doors: **PORTA VECTOR Premium T**, Cashmere