



DOOR CATALOGUE

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The individual sections of the catalogue present visualisations of selected models, the full list of embossing patterns, glazing and applications can be found in the catalogue on pages 190-194 and in the <https://luxsecuritydoors.co.uk> configurator and in the configurators available at: <https://luxsecuritydoors.co.uk/configurator>

General information

- Price list valid as of 1 April 2024. All previous price lists are no longer valid
- All information contained in the catalogue does not constitute an offer within the meaning of the Civil Code and is published for information purposes only without any liability.
- The illustrations in the catalogue are for reference only.
- The colours and patterns shown may differ from the actual ones.
- RAL colours are available on special order.
- A custom order extends the lead time and increases the product price.
- The manufacturer reserves the right to make changes without prior notice to the technical parameters and equipment in the products manufactured.
- The declared parameters of U_d coefficients apply to reference dimensions.
- All rights reserved © Lux Security Doors

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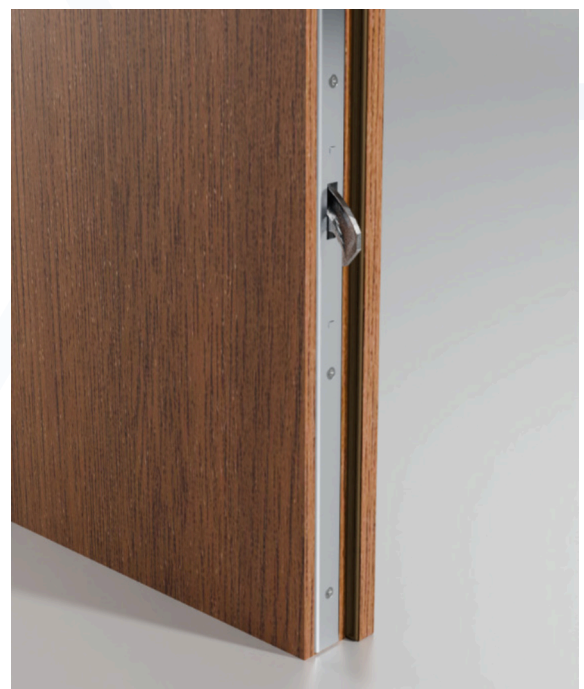
LAT PASJI TWORZENIA

NEW ARRIVALS



RC3 SOUNDPROOF SECURITY DOOR MOZART PLUS WITH ADJUSTABLE STRIKER

Soundproofing, safety, ease of installation and adjustment – these three important factors are combined in the MOZARTPLUS soundproof (43dB) security (RC3) door equipped with a Winkhaus multi-point lock with an adjustable striker plate – a product long awaited by customers. The advantages of the multi-point lock: increasing the durability of the door through stiffening the structure and strengthening the leaf due to multi-point locking, and thus increasing the tightness of the partition, which reduces heat loss during the heating season, and also prevents the leaf from deforming and warping under the influence of changing weather conditions, have been supplemented with a top lock, the so-called day lock, whose convenience in everyday use cannot be overestimated. Such a design and construction of the door is user- and installer-friendly and makes the installation and adjustment of Mozart Plus doors much quicker and more convenient.



NEW COLOURS: TRUFFLE OAK AND RAL PASTEL

In 2024, we are expanding the colour range with a new exclusive colour, Truffle Oak. The dark, warm wood-coloured laminate premiered at Budma 2024 and received a very positive reception.

TRUFFLE OAK

BEIGE

A warm shade of BEIGE will join the standard colours. This laminate looks very interesting with dark hardware.

Painted in pastel RAL colours, the doors are a tribute to those of our customers who value the possibility of expressing the individual character of the hosts. Doors in Baby Blue? Why not!

RAL5024
BABY BLUE

RAL6021
MINT

RAL1034
PEACH

RAL3015
PINK

FRAME PAINTING AND INOX DECORATIONS IN RAL COLOURS

For the enthusiasts of minimalism in form, we recommend glazing frames painted in the colour of the leaf, not only INOX and BLACK, but also other colours from the pastel palette that are now available in the offer of Lux Security Doors. Or perhaps you, dear customer, would prefer a colourful decoration on your door leaf as a cheerful accent to break up the subtle colour scheme? There are many possibilities – we encourage you to have some fun!



SAY GOODBYE TO DOOR VENEER COLOURS

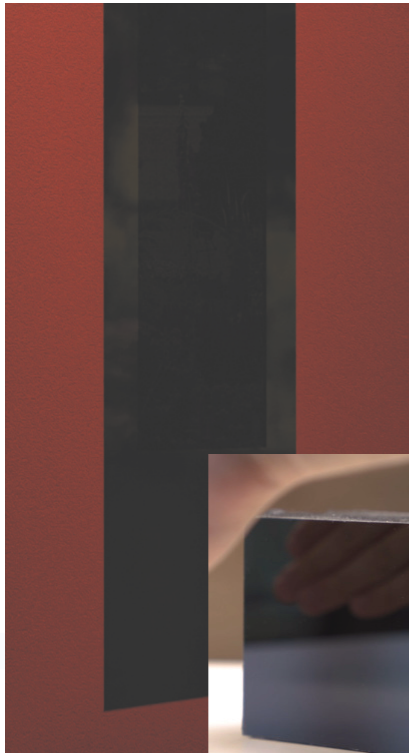
In 2024, the following laminates are leaving our range: Horizontal, Corten and Rustic Oak.

HORIZONTAL

CORTEN

RUSTIC OAK

BLACK GLASS IN DOORS AND FIXED LIGHTS

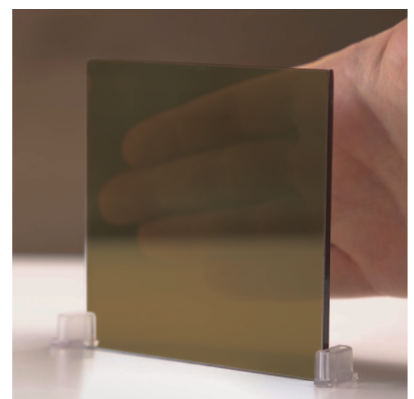
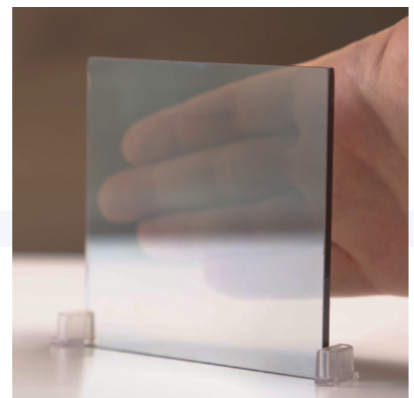


Black glazing in doors is a fashionable and elegant element that adds character and style to a room. The offer for 2024 is black glass enclosed in a black glass frame which gives the whole a unique, modern look. The black glazing in the doors comes in models S80 and S81 and also complements the side light glazing range. Black glazing works well with a variety of interior styles, from modern through to industrial or classic. In addition, black glazing in doors often emphasises the minimalist character of a room and is a great solution for those looking for a modern design.

It's also a great way to add contrast in a room with light-coloured walls. It is also worth noting that black glazed door panels are easy to clean, making them a practical and aesthetically pleasing choice for many people.

REFLECTIVE GLAZING IN BROWN AND GRAPHITE

Reflective brown and reflective graphite are two different types of reflective glass that are used in the glass and construction industry. In 2024, we are adding reflective glazing in brown to our regular range of reflective glazing in graphite, which, with its colouring, is more in line with doors in a modern design. Reflective brown glass has a characteristic brown tint and reflective graphite glass has a grey-black tint and, like reflective brown, protects against excessive solar radiation, heat and UV, while providing a desirable aesthetic effect. Both types of reflective glass also have the ability to reflect some of the light, which contributes to maintaining the privacy of interior spaces. The choice between brown and graphite reflective glass can depend on individual aesthetic preferences, the energy requirements of the project as well as the environment in which the glass will be used.



EXPANDING THE ECOTHERM COLLECTION WITH NEW MODELS



In response to our customers' expectations, we are supplementing our offer with new models of doors with high thermal insulation properties by introducing new Ecotherm door assemblies with the new edition of the catalogue.

Starting from 1 April, orders can be placed for Ecotherm H doors with Winkhaus multi-point lock, Ecotherm Alu with aluminium frame and Ecotherm H Alu combining a multi-point lock and aluminium frame.

3D DECORATION R01

Plain doors decorated with R01 spatial application are a nod to the English style, which is growing in popularity year on year.

From April 2024, the product is available in two colour versions: black and white texture.



CERAMIC PRINTED GLASS S90 AND S91 IN PVC FRAME

New in the offer of Lux Security Doors, S90 and S91 ceramic-printed glazing is a proposal for customers who are looking for original solutions, simple form and interesting design. The black ceramic print on frosted glass combined with the black PVC frame is ideal for those who want to let some light into their home while maintaining maximum privacy.



AXA LIBERA SPLIT PLATE HANDLE



Axa Libera is a modern handle with a minimalist shape, on a concealed rectangular rose. This integrated aluminium handle on split plates is equipped with a much thicker and stronger spring located in the handle, so it is ideal for intensive use.

The Libera handle is the choice of customers looking for durable and modern solutions in a unique form.

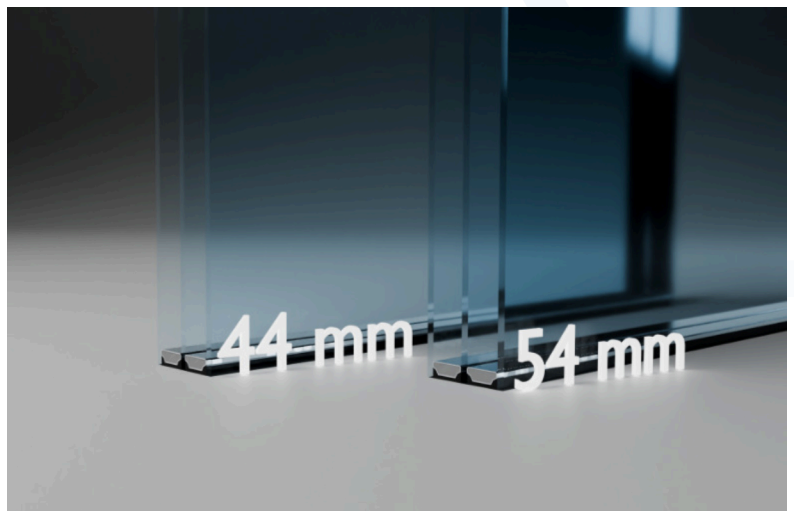
CHANGES TO STILES IN SECURITY DOORS, ALLOWING SHORTENING BY 70 MM DURING INSTALLATION



An atypical opening whose height surprises you during installation? No problem! Specialised installation teams will appreciate the raised stiles of the soundproof door allowing them to be shortened by up to 70mm. From April 2024, Verdi, Mozart and Amadeo doors are even more installation-friendly.

CHANGES TO FIXED LIGHTS, REPLACING GLAZING UNITS WITH THICKER ONES WITH BETTER THERMAL INSULATION PROPERTIES

Our offer is subject to constant review so that, both in terms of technology and design, the products manufactured by the Company evolve in line with our customers' expectations and market requirements. In 2024, we are replacing the units in the side lights with thicker ones, and so, respectively: in the 72mm-thick side lights, we are moving from a 32mm-thick unit to a 44mm-thick unit, and in the 85mm-thick side lights, we are moving from a 42mm-thick unit to a 54mm-thick unit. This change has a very positive effect on the thermal performance of fixed-lights by as much as $0.1 \text{ W(m}^2\text{*K)}$, which is what we want most at a time when heating costs are rising almost as quickly as the thermal performance requirements for joinery.

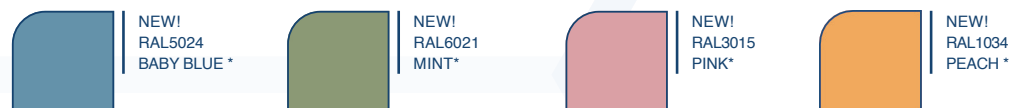


AVAILABLE VENEER COLOURS

STANDARD COLOURS



PASTEL COLOURS FROM RAL PALETTE

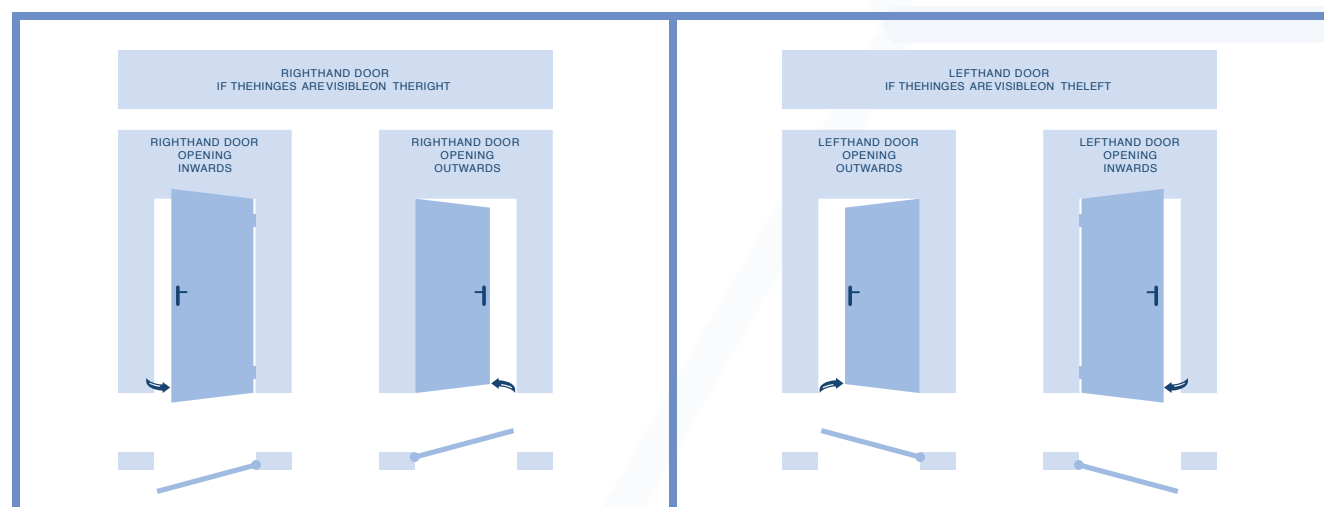


EXCLUSIVE COLOURS



* DOORS IN SIZES 100E AND 100N ONLY AVAILABLE IN THE COLOURS INDICATED

DETERMINING THE DIRECTION OF DOOR OPENING



EXTERIOR DOORS

ANATOMY



101 MASTER THERM



Ud = 0.63 W/(m²*K)

SOLID DOORS



Ud = 0.70 W/(m²*K)

GLAZED DOORS



Rw = 30 dB

SOUND INSULATION INDEX FOR SOLID DOORS



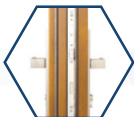
101MM THICK LEAF WITH FOUR-SIDED REBATE, WITH CONSTRUCTION BASED ON A SOLID WOODEN STILE, MADE OF 0.6 MM THICK GALVANISED LAMINATED SHEET METAL, FILLED WITH POLYURETHANE FOAM, FITTED WITH TWO SEALS



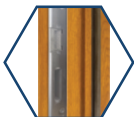
FOUR SECURITY BOLTS ON THE HINGE SIDE



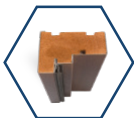
THREE 3D HINGES WITH COVERS
ADJUSTABLE IN THREE PLANES



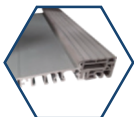
MULTI-POINT HOOK AND BOLT LOCK WITH SILENT LATCH



THREE STRIKER PLATES OF THE MULTI-POINT LOCK
WITH ADJUSTABLE CLOSING FORCE



STEEL & WOOD FRAME CONSISTING OF 0.6 MM THICK GALVANISED SHEET METAL AND PINE GLULAM, LAMINATED IN THE SAME COLOUR AS THE LEAF, FITTED WITH A SEAL



FRAME-INTEGRATED
ALUMINIUM THRESHOLD WITH THERMAL BREAK



STP-H HANDLE



KNOB CYLINDER

OPTIONS AT EXTRACHARGE



CERTIFIED
CYLINDER CL. B



SAFETY CLASS RC2
OPTION INCLUDES CERTIFIED INSERTSCL. B
AND STP-H/K2 HANDLE

72 ECOTHERM



Ud = 0.88 W/(m²·K)

SOLID DOORS



Ud = 0.96 W/(m²·K)

GLAZED DOORS

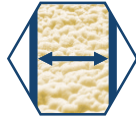


Rw = 30 dB

SOUND INSULATION INDEX FOR SOLID DOORS



MADE-TO-MEASURE



72 MM THICK LEAF WITH FOUR-SIDED REBATE
MADE OF 0.6 MM GALVANISED LAMINATED SHEET METAL, FILLED WITH POLYURETHANE FOAM
FITTED WITH A SEAL



THREE SECURITY BOLTS ON THE HINGE SIDE



THREE 3D HINGES WITH COVERS
ADJUSTABLE IN THREE PLANES



THREE-BOLT TOP LOCK



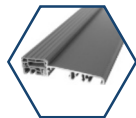
THREE-BOLT MAIN LOCK



STRIKER PLATE WITH ADJUSTABLE CLOSING FORCE



STEEL & WOOD FRAME CONSISTING OF 0.6-1.2 MM THICK GALVANISED SHEET METAL AND PINE GLULAM, LAMINATED IN THE SAME COLOUR AS THE LEAF, FITTED WITH A SEAL



FRAME-INTEGRATED ALUMINIUM THRESHOLD WITH THERMAL BREAK



STP-H HANDLE



CYLINDER AND KNOB CYLINDER

72 ECOTHERM H



Ud = 0.88 W/(m²·K)

SOLID DOORS



Ud = 0.96 W/(m²·K)

GLAZED DOORS

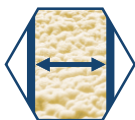


Rw = 30 dB

SOUND INSULATION INDEX FOR SOLID DOORS



MADE-TO-MEASURE



72 MM THICK LEAF WITH FOUR-SIDED REBATE, MADE OF 0.6 MM GALVANISED LAMINATED SHEET METAL, FILLED WITH POLYURETHANE FOAM, FITTED WITH A SEAL



THREE SECURITY BOLTS ON THE HINGE SIDE



THREE 3D HINGES WITH COVERS
ADJUSTABLE IN THREE PLANES



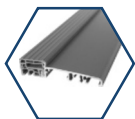
WINKHAUS MULTI-POINT HOOK LOCK



THREE MULTI-POINT LOCK STRIKER PLATES WITH ADJUSTABLE CLOSING FORCE



STEEL & WOOD FRAME CONSISTING OF 0.6-1.2 MM THICK GALVANISED SHEET METAL AND PINE GLULAM, LAMINATED IN THE SAME COLOUR AS THE LEAF, FITTED WITH A SEAL



FRAME-INTEGRATED
ALUMINIUM THRESHOLD WITH THERMAL BREAK



STP-H HANDLE



KNOB CYLINDER

72 ECOTHERM ALU



Ud = 0.88 W/(m²·K)

SOLID DOORS



Ud = 0.96 W/(m²·K)

GLAZED DOORS

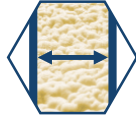


Rw = 30 dB

SOUND INSULATION INDEX FOR SOLID DOORS



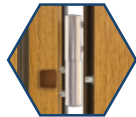
MADE-TO-MEASURE



72 MM THICK LEAF WITH FOUR-SIDED REBATE, MADE OF 0.6 MM GALVANISED LAMINATED SHEET METAL, FILLED WITH POLYURETHANE FOAM, FITTED WITH A SEAL



THREE SECURITY BOLTS ON THE HINGE SIDE



THREE 3D HINGES WITH COVERS
ADJUSTABLE IN THREE PLANES



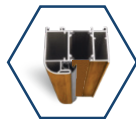
THREE-BOLT TOP LOCK



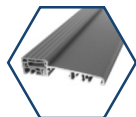
THREE-BOLT MAIN LOCK



STRIKER PLATE WITH ADJUSTABLE CLOSING FORCE



ALUMINIUM FRAME WITH THERMAL BREAK



FRAME-INTEGRATED
ALUMINIUM THRESHOLD WITH THERMAL BREAK

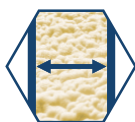
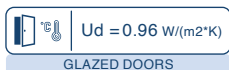
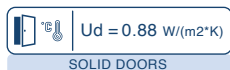


STP-H HANDLE



CYLINDER AND KNOB CYLINDER

72 ECOTHERM H ALU



72 MM THICK LEAF WITH FOUR-SIDED REBATE, MADE OF 0.6 MM GALVANISED LAMINATED SHEET METAL, FILLED WITH POLYURETHANE FOAM, FITTED WITH A SEAL



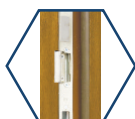
THREE SECURITY BOLTS ON THE HINGE SIDE



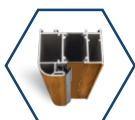
THREE 3D HINGES WITH COVERS
ADJUSTABLE IN THREE PLANES



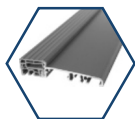
WINKHAUS MULTI-POINT HOOK LOCK



THREE MULTI-POINT LOCK STRIKER PLATES WITH ADJUSTABLE CLOSING FORCE



ALUMINIUM FRAME WITH THERMAL BREAK



FRAME-INTEGRATED
ALUMINIUM THRESHOLD WITH THERMAL BREAK

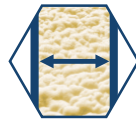
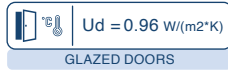
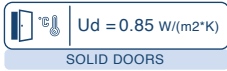


STP-H HANDLE



KNOB CYLINDER

85 PREMIUM H ALU



85 MM THICK LEAF WITH THREE-SIDED REBATE, MADE OF 0.6 MM GALVANISED LAMINATED SHEET METAL, FILLED WITH POLYURETHANE FOAM, FITTED WITH A SEAL



THREE SECURITY BOLTS ON THE HINGE SIDE



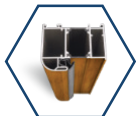
THREE Z5 THREE-PART HINGES



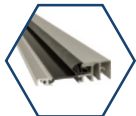
MACO MULTI-POINT LOCK FITTED WITH THREE LATCH BOLTS WITH A SILENT LATCH



THREE STRIKER PLATES OF THE MULTI-POINT LOCK WITH ADJUSTABLE CLOSING FORCE



ALUMINIUM FRAME WITH THERMAL BREAK



FRAME-INTEGRATED ALUMINIUM THRESHOLD WITH THERMAL BREAK



STP-H HANDLE



KNOB CYLINDER

OPTIONS AT EXTRA CHARGE



CERTIFIED CYLINDER CL B



SAFETY CLASS RC2 OPTION INCLUDES CERTIFIED INSERTS CL B AND STP-H/K2 HANDLE




3D HINGE




ALUMINIUM FRAME WITH INFILL

85 PREMIUM H PLUS



Ud = 0.91 W/(m²·K)

SOLID DOORS



Ud = 1.0 W/(m²·K)

GLAZED DOORS

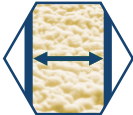


Rw = 30 dB

SOUND INSULATION INDEX FOR SOLID DOORS



MADE-TO-MEASURE



85 MM THICK LEAF WITH THREE-SIDED REBATE, MADE OF 0.6 MM GALVANISED LAMINATED SHEET METAL, FILLED WITH POLYURETHANE FOAM, FITTED WITH A SEAL



THREE SECURITY BOLTS ON THE HINGE SIDE



THREE 3D REINFORCED DOUBLE HINGES WITH COVERS ADJUSTABLE IN THREE PLANES



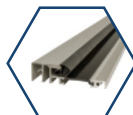
MACO MULTI-POINT LOCK
FITTED WITH THREE LATCH BOLTS WITH A SILENT LATCH



THREE STRIKER PLATES OF THE MULTI-POINT LOCK
WITH ADJUSTABLE CLOSING FORCE



STEEL & WOOD FRAME CONSISTING OF 0.6-1.2 MM THICK GALVANISED SHEET METAL AND PINE GLULAM, LAMINATED IN THE SAME COLOUR AS THE LEAF, FITTED WITH A SEAL



FRAME-INTEGRATED
ALUMINIUM THRESHOLD WITH THERMAL BREAK



STP-H HANDLE



KNOB CYLINDER

OPTIONS AT EXTRA CHARGE

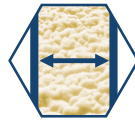
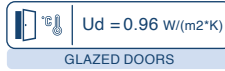


CERTIFIED
CYLINDER CL. B



SAFETY CLASS RC2
OPTION INCLUDES CERTIFIED INSERT SCL. B
AND STP-H/K2 HANDLE

85 PREMIUM ALU



85 MM THICK LEAF WITH THREE-SIDED REBATE, MADE OF 0.6 MM GALVANISED LAMINATED SHEET METAL, FILLED WITH POLYURETHANE FOAM, FITTED WITH A SEAL



THREE SECURITY BOLTS ON THE HINGE SIDE



THREE Z5 THREE-PART HINGES



THREE-BOLT TOP LOCK



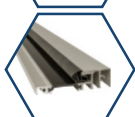
THREE-BOLT MAIN LOCK



STRIKER PLATE WITH ADJUSTABLE CLOSING FORCE



ALUMINIUM FRAME WITH THERMAL BREAK



FRAME-INTEGRATED ALUMINIUM THRESHOLD WITH THERMAL BREAK



STP-H HANDLE



KNOB CYLINDER

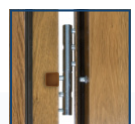
OPTIONS AT EXTRA CHARGE



CERTIFIED CYLINDER CL. B



SAFETY CLASS RC2 OPTION INCLUDES CERTIFIED INSERTSCL. B AND STP-H/K2 HANDLE




3D HINGE




ALUMINIUM FRAME WITH INFILL

85 PREMIUM PLUS



Ud = 0.91 W/(m²·K)

SOLID DOORS



Ud = 1.0 W/(m²·K)

GLAZED DOORS



Rw = 30 dB

SOUND INSULATION INDEX FOR SOLID DOORS



MADE-TO-MEASURE



85 MM THICK LEAF WITH THREE-SIDED REBATE, MADE OF 0.6 MM GALVANISED LAMINATED SHEET METAL, FILLED WITH POLYURETHANE FOAM, FITTED WITH A SEAL



THREE SECURITY BOLTS ON THE HINGE SIDE



THREE 3D REINFORCED DOUBLE HINGES WITH COVERS ADJUSTABLE IN THREE PLANES



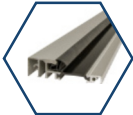
THREE-BOLT TOP LOCK



THREE-BOLT MAIN LOCK



STEEL & WOOD FRAME CONSISTING OF 0.6-1.2 MM THICK GALVANISED SHEET METAL AND PINE GLULAM, LAMINATED IN THE SAME COLOUR AS THE LEAF, FITTED WITH A SEAL



FRAME-INTEGRATED ALUMINIUM THRESHOLD WITH THERMAL BREAK



STP-H HANDLE



CYLINDER AND KNOB CYLINDER

OPTIONS AT EXTRA CHARGE

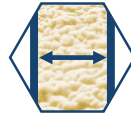
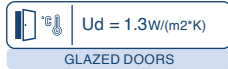
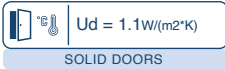


CERTIFIED CYLINDER CL. B



SAFETY CLASS RC2
OPTION INCLUDES CERTIFIED INSERT SCL. B AND STP-H/K2 HANDLE

85 PREMIUM



85 MM THICK LEAF WITH THREE-SIDED REBATE, MADE OF 0.6 MM GALVANISED LAMINATED SHEET METAL, FILLED WITH POLYURETHANE FOAM, FITTED WITH A SEAL



THREE SECURITY BOLTS ON THE HINGE SIDE



THREE Z5 THREE-PART HINGES



THREE-BOLT TOP LOCK



THREE-BOLT MAIN LOCK



STRIKER PLATE WITH ADJUSTABLE CLOSING FORCE



STEEL FRAME MADE OF 1.2MM GALVANISED SHEET METAL, LAMINATED IN THE SAME COLOUR AS THE LEAF, FITTED WITH A SEAL



FRAME-INTEGRATED STEEL THRESHOLD WITH SEAL



STP-H HANDLE



CYLINDER AND KNOB CYLINDER

OPTIONS AT EXTRA CHARGE



CERTIFIED CYLINDER CL. B



SAFETY CLASS RC2
OPTION INCLUDES CERTIFIED INSERTSCL. B AND STP-H/K2 HANDLE

AVAILABLE FRAME MODELS

AS STANDARD



FD-25/21/B

AT EXTRA COST



ALUMINIUM WITH THERMAL BREAK

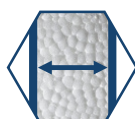
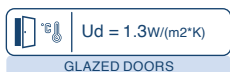
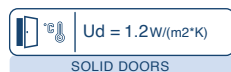


STEEL & WOOD WITH 3D HINGE



ALUMINIUM FRAME WITH INFILL

85 STANDARD



85 MM THICK LEAF WITH THREE-SIDED REBATE, MADE OF 0.6 MM THICK GALVANISED LAMINATED SHEET METAL, FILLED WITH FOAMED POLYSTYRENE, FITTED WITH A SEAL



THREE SECURITY BOLTS ON THE HINGE SIDE



THREE Z5 THREE-PART HINGES



THREE-BOLT TOP LOCK



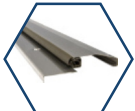
THREE-BOLT MAIN LOCK



STRIKER PLATE WITH ADJUSTABLE CLOSING FORCE



STEEL FRAME MADE OF 1.2 MM GALVANISED SHEET METAL, LAMINATED IN THE SAME COLOUR AS THE LEAF, FITTED WITH A SEAL



FRAME-INTEGRATED STEEL THRESHOLD WITH SEAL



STP-H HANDLE



CYLINDER AND KNOB CYLINDER

OPTIONS AT EXTRACHARGE



CERTIFIED CYLINDER CL. B



SAFETY CLASS RC2
OPTION INCLUDES CERTIFIED INSERTSCL. B AND STP-H/K2 HANDLE

AVAILABLE FRAME MODELS

AS STANDARD



FD-25/21/B

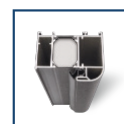
AT EXTRA COST



ALUMINIUM WITH THERMAL BREAK

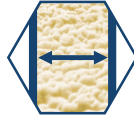
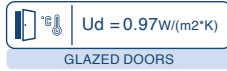
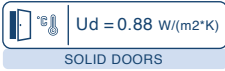


STEEL & WOOD WITH 3D HINGE



ALUMINIUM FRAME WITH INFILL

72 PREMIUM H ALU



72 MM THICK LEAF WITH THREE-SIDED REBATE,
MADE OF 0.6 MM GALVANISED LAMINATED SHEET METAL,
FILLED WITH POLYURETHANE FOAM,
FITTED WITH A SEAL



THREE SECURITY BOLTS ON THE HINGE SIDE



THREE Z5 HINGES



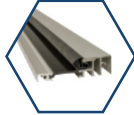
WINKHAUS MULTI-POINT HOOK LOCK



MULTI-POINT LOCK STRIKER PLATE WITH ADJUSTABLE CLOSING FORCE



ALUMINIUM FRAME WITH THERMAL BREAK



FRAME-INTEGRATED
ALUMINIUM THRESHOLD WITH THERMAL BREAK



STP-H HANDLE



KNOB CYLINDER

OPTIONS AT EXTRA CHARGE



CERTIFIED
CYLINDER CL B



SAFETY CLASS RC2
OPTION INCLUDES CERTIFIED INSERTSCL B
AND STP-H/K2 HANDLE




3D HINGE

72 PREMIUM H PLUS



Ud = 0.98 W/(m²K)

SOLID DOORS



Ud = 1.1 W/(m²K)

GLAZED DOORS

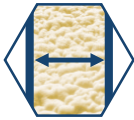


Rw = 30 dB

SOUND INSULATION INDEX FOR SOLID DOORS



MADE-TO-MEASURE



72 MM THICK LEAF WITH THREE-SIDED REBATE, MADE OF 0.6 MM GALVANISED LAMINATED SHEET METAL, FILLED WITH POLYURETHANE FOAM, FITTED WITH A SEAL



THREE SECURITY BOLTS ON THE HINGE SIDE



THREE 3D HINGES WITH COVERS
ADJUSTABLE IN THREE PLANES



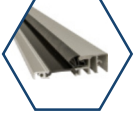
WINKHAUS MULTI-POINT HOOK LOCK



MULTI-POINT LOCK STRIKER PLATE WITH ADJUSTABLE CLOSING FORCE



STEEL & WOOD FRAME CONSISTING OF 0.6-1.2 MM THICK GALVANISED SHEET METAL AND PINE GLULAM, LAMINATED IN THE SAME COLOUR AS THE LEAF, FITTED WITH A SEAL



FRAME-INTEGRATED
ALUMINIUM THRESHOLD WITH THERMAL BREAK



STP-H HANDLE



KNOB CYLINDER

OPTIONS AT EXTRA CHARGE





CERTIFIED
CYLINDER CL. B



SAFETY CLASS RC2
OPTION INCLUDES CERTIFIED INSERTSCL. B
AND STP-H/K2 HANDLE

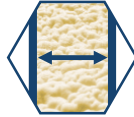
72 PREMIUM ALU

 $U_d = 0.88 \text{ W/(m}^2\text{K)}$
SOLID DOORS

 $U_d = 0.97 \text{ W/(m}^2\text{K)}$
GLAZED DOORS

 $R_w = 30 \text{ dB}$
SOUND INSULATION INDEX FOR SOLID DOORS

 MADE-TO-MEASURE



72 MM THICK LEAF WITH THREE-SIDED REBATE,
MADE OF 0.6 MM GALVANISED LAMINATED SHEETMETAL,
FILLED WITH POLYURETHANE FOAM,
FITTED WITH A SEAL



THREE SECURITY BOLTS ON THE HINGE SIDE



THREE Z5 HINGES



THREE-BOLT TOP LOCK



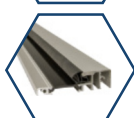
THREE-BOLT MAIN LOCK



STRIKER PLATE WITH ADJUSTABLE CLOSING FORCE



ALUMINIUM FRAME WITH THERMAL BREAK



FRAME-INTEGRATED
ALUMINIUM THRESHOLD WITH THERMAL BREAK



STP-H HANDLE



KNOB CYLINDER

OPTIONS AT EXTRA CHARGE



CERTIFIED
CYLINDER CL B



SAFETY CLASS RC2
OPTION INCLUDES CERTIFIED INSERTSCL B
AND STP-H/K2 HANDLE




3D HINGE

72 PREMIUM PLUS



Ud = 0.98 W/(m²·K)

SOLID DOORS



Ud = 1.1 W/(m²·K)

GLAZED DOORS

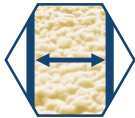


Rw = 30 dB

SOUND INSULATION INDEX FOR SOLID DOORS



MADE-TO-MEASURE



72 MM THICK LEAF WITH THREE-SIDED REBATE, MADE OF 0.6 MM GALVANISED LAMINATED SHEET METAL, FILLED WITH POLYURETHANE FOAM, FITTED WITH A SEAL



THREE SECURITY BOLTS ON THE HINGE SIDE



THREE 3D HINGES WITH COVERS ADJUSTABLE IN THREE PLANES



THREE-BOLT TOP LOCK



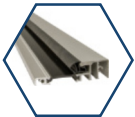
THREE-BOLT MAIN LOCK



STRIKER PLATE WITH ADJUSTABLE CLOSING FORCE



STEEL & WOOD FRAME CONSISTING OF 0.6-1.2 MM THICK GALVANISED SHEET METAL AND PINE GLULAM, LAMINATED IN THE SAME COLOUR AS THE LEAF, FITTED WITH A SEAL



FRAME-INTEGRATED ALUMINIUM THRESHOLD WITH THERMAL BREAK



STP-H HANDLE



CYLINDER AND KNOB CYLINDER IN A MASTER KEY SYSTEM

OPTIONS AT EXTRACHARGE

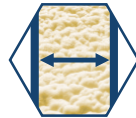
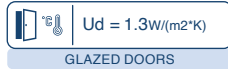
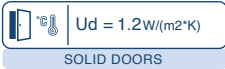


CERTIFIED CYLINDER CL. B



SAFETY CLASS RC2
OPTION INCLUDES CERTIFIED INSERTSCL. B AND STP-H/K2 HANDLE

72 PREMIUM



72 MM THICK LEAF WITH THREE-SIDED REBATE, MADE OF 0.6 MM GALVANISED LAMINATED SHEET METAL, FILLED WITH POLYURETHANE FOAM, FITTED WITH A SEAL



THREE SECURITY BOLTS ON THE HINGE SIDE



THREE Z5 THREE-PART HINGES



THREE-BOLT TOP LOCK



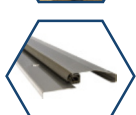
THREE-BOLT MAIN LOCK



STRIKER PLATE WITH ADJUSTABLE CLOSING FORCE



STEEL FRAME MADE OF 1.2 MM GALVANISED SHEET METAL, LAMINATED IN THE SAME COLOUR AS THE LEAF, FITTED WITH A SEAL



FRAME-INTEGRATED STEEL THRESHOLD WITH SEAL



STP-H HANDLE



CYLINDER AND KNOB CYLINDER

OPTIONS AT EXTRA CHARGE



CERTIFIED CYLINDER CL. B



SAFETY CLASS RC2 OPTION INCLUDES CERTIFIED INSERTS CL. B AND STP-H/K2 HANDLE

AVAILABLE FRAME MODELS

AS STANDARD

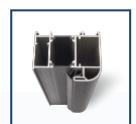


FD-25/12



FD-25/21/B

AT EXTRA COST



ALUMINIUM WITH THERMAL BREAK




STEEL & WOOD WITH 3D HINGE




FD-25/12 + GROOVE

72 STANDARD



Ud = 1.3 W/(m²K)

SOLID DOORS



Ud = 1.3 W/(m²K)

GLAZED DOORS

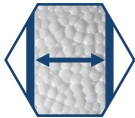


Rw = 30 dB

SOUND INSULATION INDEX FOR SOLID DOORS



MADE-TO-MEASURE



72 MM THICK LEAF WITH THREE-SIDED REBATE,
MADE OF 0.6 MM THICK GALVANISED LAMINATED SHEET METAL, FILLED WITH FOAMED
POLYSTYRENE, FITTED WITH A SEAL



THREE SECURITY BOLTS ON THE HINGE SIDE



THREE Z5 THREE-PART HINGES



THREE-BOLT TOP LOCK



STRIKER PLATE WITH ADJUSTABLE CLOSING FORCE



STEEL FRAME
MADE OF 1.2 MM GALVANISED SHEET METAL,
LAMINATED IN THE SAME COLOUR AS THE LEAF,
FITTED WITH A SEAL



FRAME-INTEGRATED STEEL THRESHOLD WITH SEAL



STP-H HANDLE

OPTIONS AT EXTRACHARGE



CERTIFIED
CYLINDER CL. B



SAFETY CLASS RC2
OPTION INCLUDES CERTIFIED INSERT SCL. B
AND STP-H/K2 HANDLE

AVAILABLE FRAME MODELS

AS STANDARD



FD-25/12



FD-25/21/B

AT EXTRA COST



ALUMINIUM
WITH THERMAL
BREAK

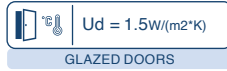
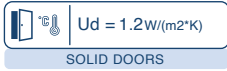


STEEL & WOOD
WITH
3D HINGE



FD-25/12
+
GROOVE

55 PREMIUM PLUS



55 MM THICK LEAF WITH THREE-SIDED REBATE, MADE OF 0.6 MM GALVANISED LAMINATED SHEET METAL, FILLED WITH POLYURETHANE FOAM, FITTED WITH A SEAL



THREE SECURITY BOLTS ON THE HINGE SIDE



THREE 3D HINGES WITH COVERS ADJUSTABLE IN THREE PLANES



THREE-BOLT TOP LOCK



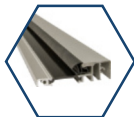
THREE-BOLT MAIN LOCK



STRIKER PLATE WITH ADJUSTABLE CLOSING FORCE



STEEL & WOOD FRAME CONSISTING OF 0.6-1.2 MM THICK GALVANISED SHEET METAL AND PINE GLULAM, LAMINATED IN THE SAME COLOUR AS THE LEAF, FITTED WITH A SEAL



FRAME-INTEGRATED ALUMINIUM THRESHOLD WITH THERMAL BREAK



STP-H HANDLE




CYLINDER AND KNOB CYLINDER IN A MASTER KEY SYSTEM

55 PREMIUM



Ud = 1.2W/(m²K)

SOLID DOORS



Ud = 1.5W/(m²K)

GLAZED DOORS

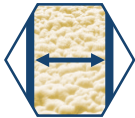


Rw = 27 dB

SOUND INSULATION INDEX FOR SOLID DOORS



MADE-TO-MEASURE



55 MM THICK LEAF WITH THREE-SIDED REBATE, MADE OF 0.6 MM GALVANISED LAMINATED SHEET METAL, FILLED WITH POLYURETHANE FOAM, FITTED WITH A SEAL



THREE SECURITY BOLTS ON THE HINGE SIDE



THREE Z5 THREE-PART HINGES



THREE-BOLT TOP LOCK



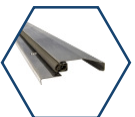
THREE-BOLT MAIN LOCK



STRIKER PLATE WITH ADJUSTABLE CLOSING FORCE



STEEL FRAME MADE OF 1.2 MM GALVANISED SHEET METAL, LAMINATED IN THE SAME COLOUR AS THE LEAF, FITTED WITH A SEAL



FRAME-INTEGRATED STEEL THRESHOLD WITH SEAL



STP-H HANDLE



CYLINDER AND KNOB CYLINDER IN A MASTER KEY SYSTEM

AVAILABLE FRAME MODELS

AS STANDARD



FD-25/12



FD-25/21/B



FD-25/21/C

AT EXTRA COST

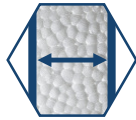
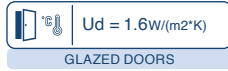
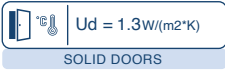


STEEL & WOOD WITH 3D HINGE



FD-25/12 + GROOVE

55 STANDARD



55 MM THICK LEAF WITH THREE-SIDED REBATE, MADE OF 0.6 MM THICK GALVANISED LAMINATED SHEET METAL, FILLED WITH FOAMED POLYSTYRENE, FITTED WITH A SEAL



THREE SECURITY BOLTS ON THE HINGE SIDE



THREE Z5 THREE-PART HINGES



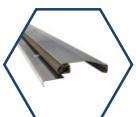
THREE-BOLT TOP LOCK



STRIKER PLATE WITH ADJUSTABLE CLOSING FORCE



STEEL FRAME MADE OF 1.2 MM GALVANISED SHEET METAL, LAMINATED IN THE SAME COLOUR AS THE LEAF, FITTED WITH A SEAL



FRAME-INTEGRATED STEEL THRESHOLD WITH SEAL



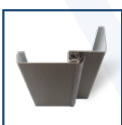
STP-H HANDLE



CYLINDER AND KNOB CYLINDER IN A MASTER KEY SYSTEM

AVAILABLE FRAME MODELS

AS STANDARD



FD-25/12



FD-25/21/B



FD-25/21/C

AT EXTRA COST



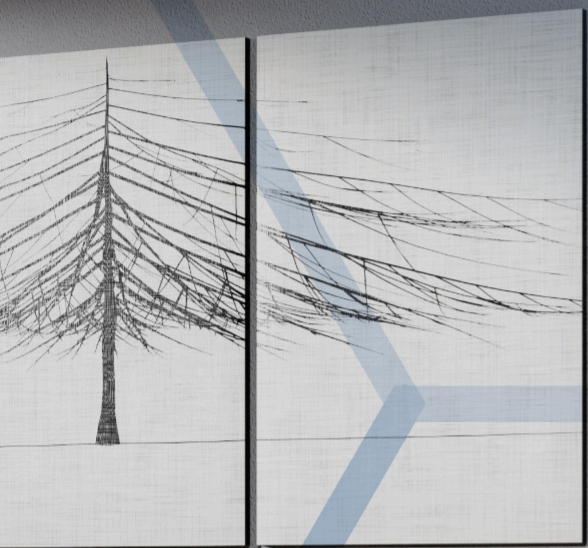
STEEL & WOOD WITH 3D HINGE



FD-25/12 + GROOVE

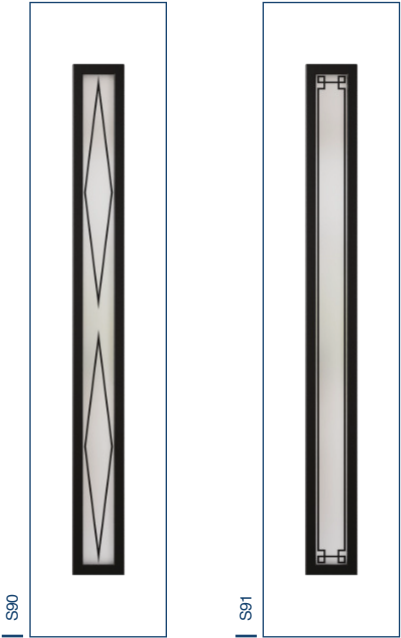
EXTERIOR DOORS

GLAZED





NEW
CERAMIC PRINTED
GLASS
S90 | S91



PVC FRAMES IN VENEER COLOUR

AVAILABLE SIZES:

80N, 80E, 90N, 90E, 100N, 100E

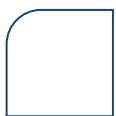
85MM THICK DOORS ARE MADE IN COLOURS:
WHITE, TURNER OAK, WINCHESTER, GOLDEN OAK, DARK
ORANGE, BOG OAK, DARK ANTHRACITE, ANTHRACITE
WOODGRAIN, RED, BLUE, GREEN, BLACK TEXTURE AND RAL
PASTEL COLOURS ARE
AVAILABLE FOR SIZES 80N, 80E, 90N, 90E

	UD		UD
55 STANDARD		85 STANDARD	
55 PREMIUM		85 PREMIUM	
55 PREMIUM PLUS		85 PREMIUM PLUS	
72 STANDARD		85 PREMIUM ALU	
72 PREMIUM		85 PREMIUM H PLUS	
72 PREMIUM PLUS		85 PREMIUM H ALU	
72 PREMIUM ALU		72 ECOTHERM	
72 PREMIUM H PLUS		72 ECOTHERM ALU	
72 PREMIUM H ALU		72 ECOTHERM H	
		72 ECOTHERM H ALU	
		101 MASTER THERM	

EXTRACHARGE FOR WIDTH 100



STANDARD COLOURS



WHITE*



WHITE
WOODGRAIN



WINCHESTER*



GOLDEN OAK*



DARK WALNUT *



DARK MAHOGANY



BOG OAK*



DARK ANTHRACITE



BLACK
TEXTURE*

* DOORS IN SIZES 100E AND 100N ONLY AVAILABLE
IN THE COLOURS INDICATED

S81 - T52I dark anthracite



black glass



frosted glass



graphite reflective glass



brown reflective glass



one-way mirror glass



LACOBEL BLACK GLASS FRAME

AVAILABLE SIZES:

80N, 80E, 90N, 90E, 100N, 100E

85MM THICK DOORS ARE MADE IN COLOURS:
WHITE, TURNER OAK, WINCHESTER, GOLDEN OAK, DARK
ORANGE, BOG OAK, DARK ANTHRACITE, ANTHRACITE
WOODGRAIN, RED, BLUE, GREEN, BLACK TEXTURE AND RAL
PASTEL COLOURS ARE
AVAILABLE FOR SIZES 80N, 80E, 90N, 90E

	UD
55 STANDARD	x
55 PREMIUM	x
55 PREMIUM PLUS	x
72 STANDARD	1.3
72 PREMIUM	1.3
72 PREMIUM PLUS	1.1
72 PREMIUM ALU	0.97
72 PREMIUM H PLUS	1.1
72 PREMIUM H ALU	0.97

	UD
85 STANDARD	1.3
85 PREMIUM	1.3
85 PREMIUM PLUS	1.0
85 PREMIUM ALU	0.96
85 PREMIUM H PLUS	1.0
85 PREMIUM H ALU	0.96
72 ECOTHERM	0.96
72 ECOTHERM ALU	0.96
72 ECOTHERM H	0.96
72 ECOTHERM H ALU	0.96
101 MASTER THERM	x

EXTRACHARGE FOR WIDTH 100

S81- T60 | light grey



S81- G1 | turner oak



S81- T62 | white woodgrain



STANDARD COLOURS

	NEW! BEIGE		WHITE*		WHITE WOOD- GRAIN		LIGHT GREY		CONCRETE
	WHITE OAK		SONOMA OAK		SHEFFIELD OAK		WINCHESTER*		GOLDEN OAK*
	DARK WALNUT *		DARK MAHOGANY		BOG OAK *		DARK ANTHRACITE *		ANTHRACITE WOODGRAIN *
	BLACK TEXTURE *		BLUE *		GREEN *		RED *		

PASTEL COLOURS FROM RAL PALETTE

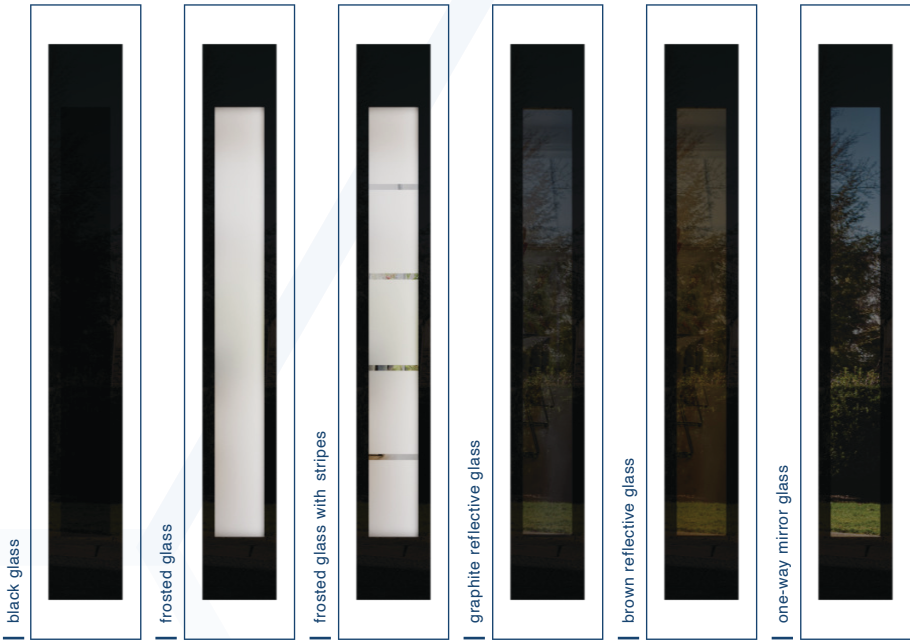
	NEW! RAL5024 BABY BLUE *		NEW! RAL6021 MINT*		NEW! RAL3015 PINK*		NEW! RAL1034 PEACH *
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EXCLUSIVE COLOURS

	NEW! TRUFFLE OAK		TURNER OAK*		BLACK WOODGRAIN
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* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

EXTERIOR DOORS – GLAZED



LACOBEL BLACK GLASS FRAME

AVAILABLE SIZES:

80N, 80E, 90N, 90E, 100N, 100E

85MM THICK DOORS ARE MADE IN COLOURS:
WHITE, TURNER OAK, WINCHESTER, GOLDEN OAK, DARK
ORANGE, BOG OAK, DARK ANTHRACITE, ANTHRACITE
WOODGRAIN, RED, BLUE, GREEN, BLACK TEXTURE AND RAL
PASTEL COLOURS ARE
AVAILABLE FOR SIZES 80N, 80E, 90N, 90E

	UD		UD
55 STANDARD	x	85 STANDARD	1.3
55 PREMIUM	x	85 PREMIUM	1.3
55 PREMIUM PLUS	x	85 PREMIUM PLUS	1.0
72 STANDARD	1.3	85 PREMIUM ALU	0.96
72 PREMIUM	1.3	85 PREMIUM H PLUS	1.0
72 PREMIUM PLUS	1.1	85 PREMIUM H ALU	0.96
72 PREMIUM ALU	0.97	72 ECOTHERM	0.96
72 PREMIUM H PLUS	1.1	72 ECOTHERM ALU	0.96
72 PREMIUM H ALU	0.97	72 ECOTHERM H	0.96
		72 ECOTHERM H ALU	0.96
		101 MASTER THERM	x

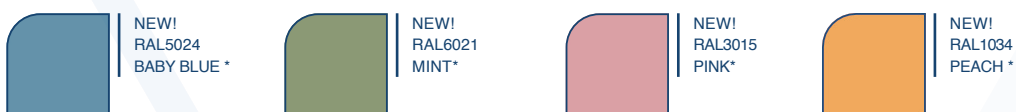
EXTRACHARGE FOR WIDTH 100



STANDARD COLOURS



PASTEL COLOURS FROM RAL PALETTE

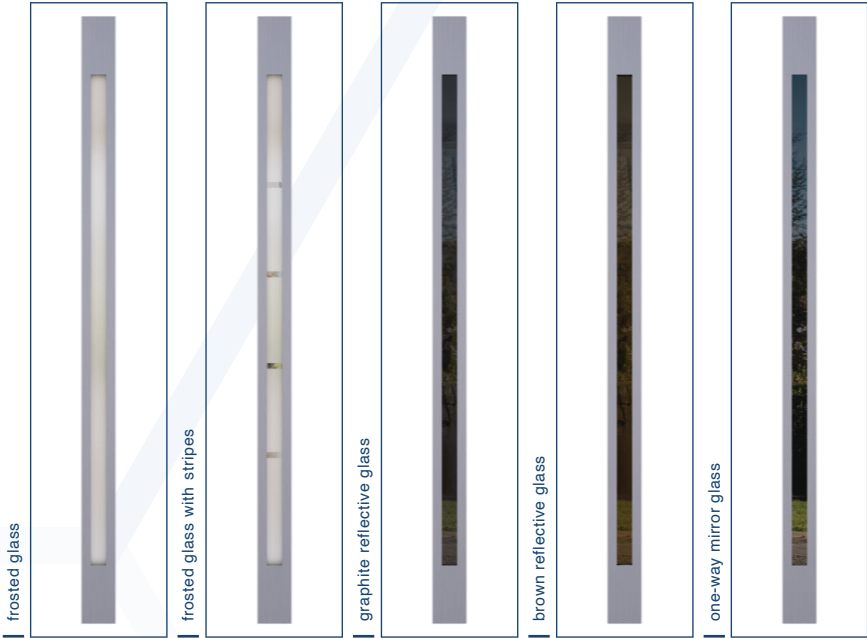


EXCLUSIVE COLOURS



* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

EXTERIOR DOORS – GLAZED



FRAMES AVAILABLE IN INOX AND BLACK

AVAILABLE SIZES:

80N, 80E, 90N, 90E, 100N, 100E

85MM THICK DOORS ARE MADE IN COLOURS:
WHITE, TURNER OAK, WINCHESTER, GOLDEN OAK, DARK
ORANGE, BOG OAK, DARK ANTHRACITE, ANTHRACITE
WOODGRAIN, RED, BLUE, GREEN, BLACK TEXTURE AND RAL
PASTEL COLOURS ARE
AVAILABLE FOR SIZES 80N, 80E, 90N, 90E

	UD
55 STANDARD	1.6
55 PREMIUM	1.5
55 PREMIUM PLUS	1.5
72 STANDARD	1.3
72 PREMIUM	1.3
72 PREMIUM PLUS	1.1
72 PREMIUM ALU	0.97
72 PREMIUM H PLUS	1.1
72 PREMIUM H ALU	0.97

	UD
85 STANDARD	1.3
85 PREMIUM	1.3
85 PREMIUM PLUS	1.0
85 PREMIUM ALU	0.96
85 PREMIUM H PLUS	1.0
85 PREMIUM H ALU	0.96
72 ECOTHERM	0.96
72 ECOTHERM ALU	0.96
72 ECOTHERM H	0.96
72 ECOTHERM H ALU	0.96
101 MASTER THERM	0.7

EXTRACHARGE FOR WIDTH 100



S61-T54 | light grey



S61-T60 | black texture



S61-G | white woodgrain

STANDARD COLOURS

	NEW! BEIGE		WHITE*		WHITE WOOD- GRAIN		LIGHT GREY		CONCRETE
	WHITE OAK		SONOMA OAK		SHEFFIELD OAK		WINCHESTER*		GOLDEN OAK*
	DARK WALNUT *		DARK MAHOGANY		BOG OAK *		DARK ANTHRACITE *		ANTHRACITE WOODGRAIN *
	BLACK TEXTURE *		BLUE *		GREEN *		RED *		

PASTEL COLOURS FROM RAL PALETTE

	NEW! RAL5024 BABY BLUE *		NEW! RAL6021 MINT*		NEW! RAL3015 PINK*		NEW! RAL1034 PEACH *
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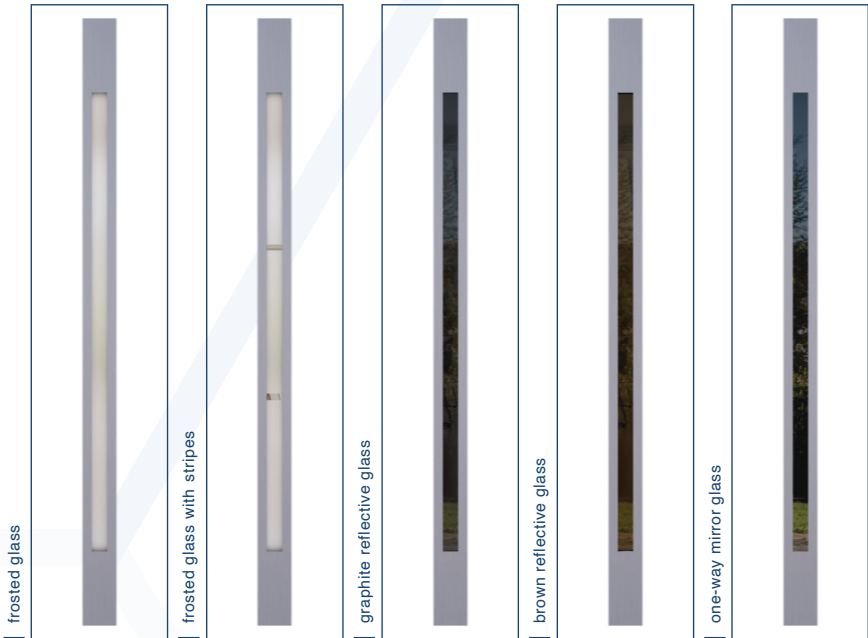
EXCLUSIVE COLOURS

	NEW! TRUFFLE OAK		TURNER OAK*		BLACK WOODGRAIN
--	---------------------	--	-------------	--	--------------------

* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

EXTERIOR DOORS – GLAZED

S60 - T531 dark anthracite



FRAMES AVAILABLE IN INOX AND BLACK

AVAILABLE SIZES:

80N, 80E, 90N, 90E, 100N, 100E

85MM THICK DOORS ARE MADE IN COLOURS:
WHITE, TURNER OAK, WINCHESTER, GOLDEN OAK, DARK
ORANGE, BOG OAK, DARK ANTHRACITE, ANTHRACITE
WOODGRAIN, RED, BLUE, GREEN, BLACK TEXTURE AND RAL
PASTEL COLOURS ARE
AVAILABLE FOR SIZES 80N, 80E, 90N, 90E

	UD		UD
55 STANDARD	1.6	85 STANDARD	1.3
55 PREMIUM	1.5	85 PREMIUM	1.3
55 PREMIUM PLUS	1.5	85 PREMIUM PLUS	1.0
72 STANDARD	1.3	85 PREMIUM ALU	0.96
72 PREMIUM	1.3	85 PREMIUM H PLUS	1.0
72 PREMIUM PLUS	1.1	85 PREMIUM H ALU	0.96
72 PREMIUM ALU	0.97	72 ECOTHERM	0.96
72 PREMIUM H PLUS	1.1	72 ECOTHERM ALU	0.96
72 PREMIUM H ALU	0.97	72 ECOTHERM H	0.96
		72 ECOTHERM H ALU	0.96
		101 MASTER THERM	0.7

EXTRACHARGE FOR WIDTH 100



STANDARD COLOURS

	NEW! BEIGE		WHITE*		WHITE WOOD- GRAIN		LIGHT GREY		CONCRETE
	WHITE OAK		SONOMA OAK		SHEFFIELD OAK		WINCHESTER*		GOLDEN OAK*
	DARK WALNUT *		DARK MAHOGANY		BOG OAK *		DARK ANTHRACITE *		ANTHRACITE WOODGRAIN *
	BLACK TEXTURE *		BLUE *		GREEN *		RED *		

PASTEL COLOURS FROM RAL PALETTE

	NEW! RAL5024 BABY BLUE *		NEW! RAL6021 MINT*		NEW! RAL3015 PINK*		NEW! RAL1034 PEACH *
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EXCLUSIVE COLOURS

	NEW! TRUFFLE OAK		TURNER OAK*		BLACK WOODGRAIN
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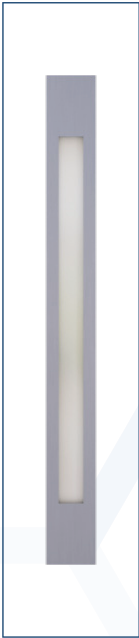
* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

EXTERIOR DOORS – GLAZED

SS3- T601 dark anthracite



frosted glass



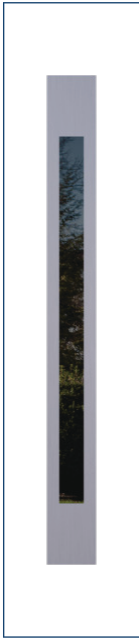
graphite reflective glass



brown reflective glass



one-way mirror glass



FRAMES AVAILABLE IN INOX AND BLACK

AVAILABLE SIZES:

80N, 80E, 90N, 90E, 100N, 100E

85MM THICK DOORS ARE MADE IN COLOURS:
WHITE, TURNER OAK, WINCHESTER, GOLDEN OAK, DARK
ORANGE, BOG OAK, DARK ANTHRACITE, ANTHRACITE
WOODGRAIN, RED, BLUE, GREEN, BLACK TEXTURE AND RAL
PASTEL COLOURS ARE
AVAILABLE FOR SIZES 80N, 80E, 90N, 90E

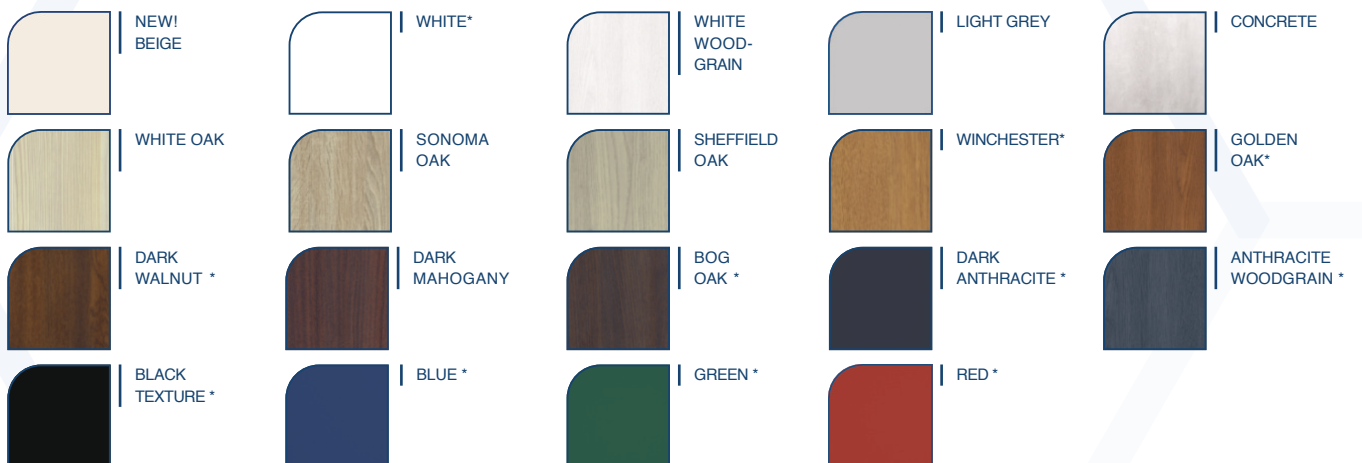
	UD
55 STANDARD	1.6
55 PREMIUM	1.5
55 PREMIUM PLUS	1.5
72 STANDARD	1.3
72 PREMIUM	1.3
72 PREMIUM PLUS	1.1
72 PREMIUM ALU	0.97
72 PREMIUM H PLUS	1.1
72 PREMIUM H ALU	0.97

	UD
85 STANDARD	x
85 PREMIUM	x
85 PREMIUM PLUS	x
85 PREMIUM ALU	x
85 PREMIUM H PLUS	x
85 PREMIUM H ALU	x
72 ECOTHERM	0.96
72 ECOTHERM ALU	0.96
72 ECOTHERM H	0.96
72 ECOTHERM H ALU	0.96
101 MASTER THERM	0,7

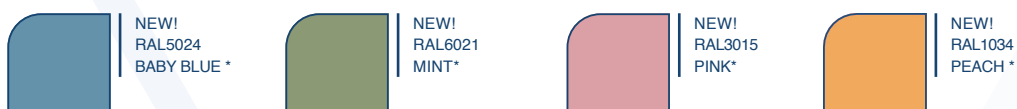
EXTRACHARGE FOR WIDTH 100



STANDARD COLOURS



PASTEL COLOURS FROM RAL PALETTE



EXCLUSIVE COLOURS



* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

EXTERIOR DOORS – GLAZED



FRAMES AVAILABLE IN INOX AND BLACK

AVAILABLE SIZES:

80N, 80E, 90N, 90E, 100N, 100E

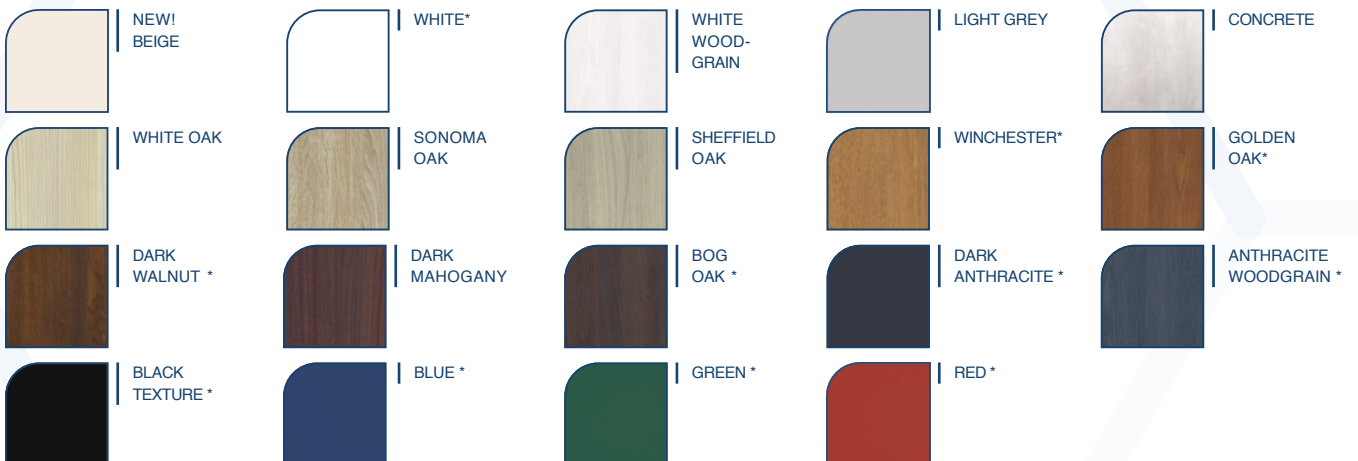
85MM THICK DOORS ARE MADE IN COLOURS:
WHITE, TURNER OAK, WINCHESTER, GOLDEN OAK, DARK
ORANGE, BOG OAK, DARK ANTHRACITE, ANTHRACITE
WOODGRAIN, RED, BLUE, GREEN, BLACK TEXTURE AND RAL
PASTEL COLOURS ARE
AVAILABLE FOR SIZES 80N, 80E, 90N, 90E

	UD		UD
55 STANDARD	1.6	85 STANDARD	x
55 PREMIUM	1.5	85 PREMIUM	x
55 PREMIUM PLUS	1.5	85 PREMIUM PLUS	x
72 STANDARD	1.3	85 PREMIUM ALU	x
72 PREMIUM	1.3	85 PREMIUM H PLUS	x
72 PREMIUM PLUS	1.1	85 PREMIUM H ALU	x
72 PREMIUM ALU	0.97	72 ECOTHERM	0.96
72 PREMIUM H PLUS	1.1	72 ECOTHERM ALU	0.96
72 PREMIUM H ALU	0.97	72 ECOTHERM H	0.96
		72 ECOTHERM H ALU	0.96
		101 MASTER THERM	0,7

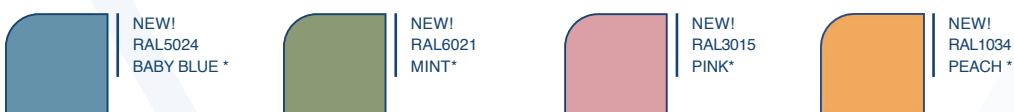
EXTRACHARGE FOR WIDTH 100



STANDARD COLOURS



PASTEL COLOURS FROM RAL PALETTE

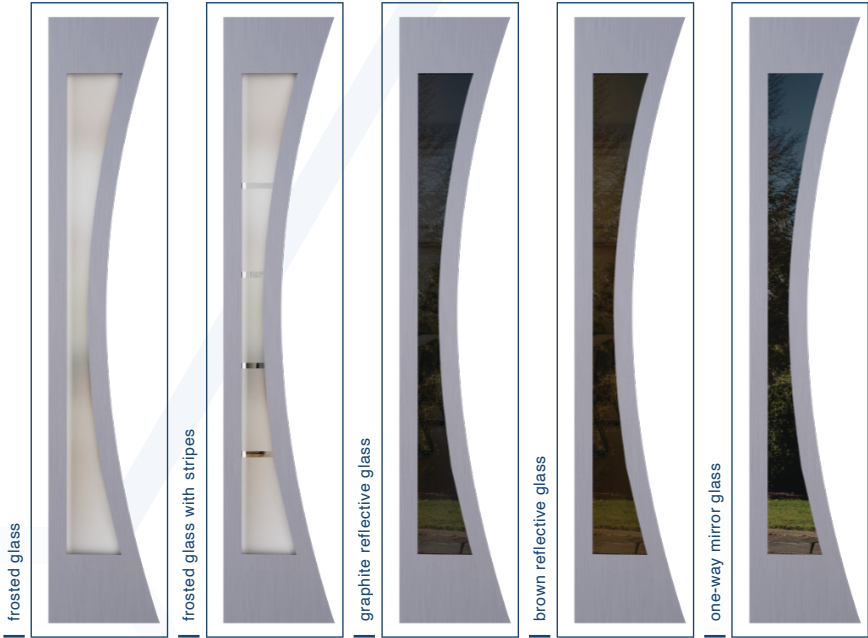


EXCLUSIVE COLOURS



* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

EXTERIOR DOORS – GLAZED



FRAMES AVAILABLE IN INOX AND BLACK

AVAILABLE SIZES:

80N, 80E, 90N, 90E, 100N, 100E

85MM THICK DOORS ARE MADE IN COLOURS:
WHITE, TURNER OAK, WINCHESTER, GOLDEN OAK, DARK
ORANGE, BOG OAK, DARK ANTHRACITE, ANTHRACITE
WOODGRAIN, RED, BLUE, GREEN, BLACK TEXTURE AND RAL
PASTEL COLOURS ARE
AVAILABLE FOR SIZES 80N, 80E, 90N, 90E

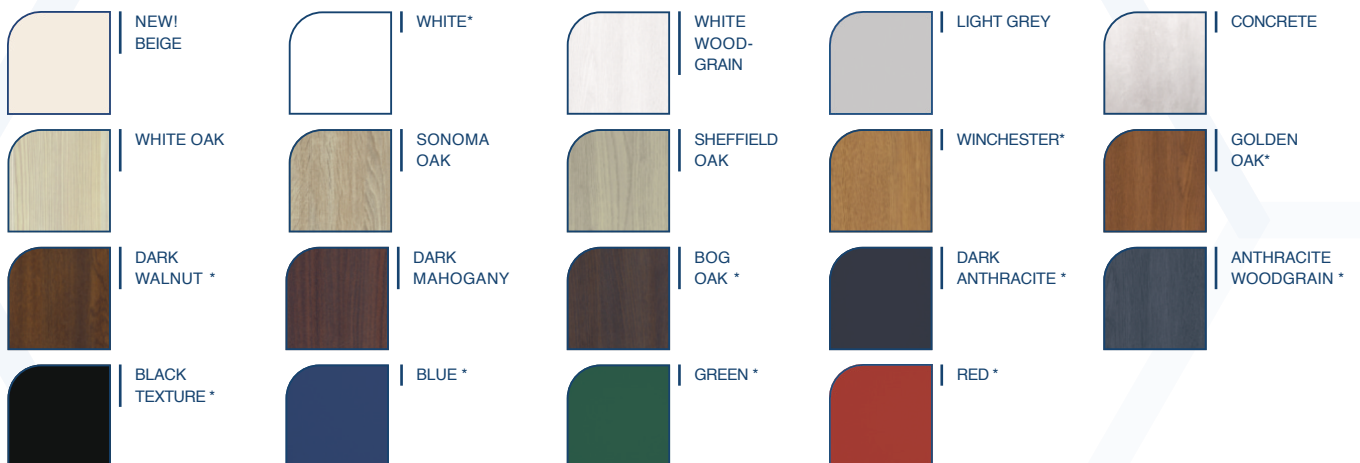
	UD
55 STANDARD	1.6
55 PREMIUM	1.5
55 PREMIUM PLUS	1.5
72 STANDARD	1.3
72 PREMIUM	1.3
72 PREMIUM PLUS	1.1
72 PREMIUM ALU	0.97
72 PREMIUM H PLUS	1.1
72 PREMIUM H ALU	0.97

	UD
85 STANDARD	1.3
85 PREMIUM	1.3
85 PREMIUM PLUS	1.0
85 PREMIUM ALU	0.96
85 PREMIUM H PLUS	1.0
85 PREMIUM H ALU	0.96
72 ECOTHERM	0.96
72 ECOTHERM ALU	0.96
72 ECOTHERM H	0.96
72 ECOTHERM H ALU	0.96
101 MASTER THERM	0.7

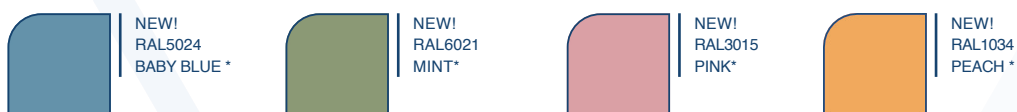
EXTRACHARGE FOR WIDTH 100



STANDARD COLOURS



PASTEL COLOURS FROM RAL PALETTE

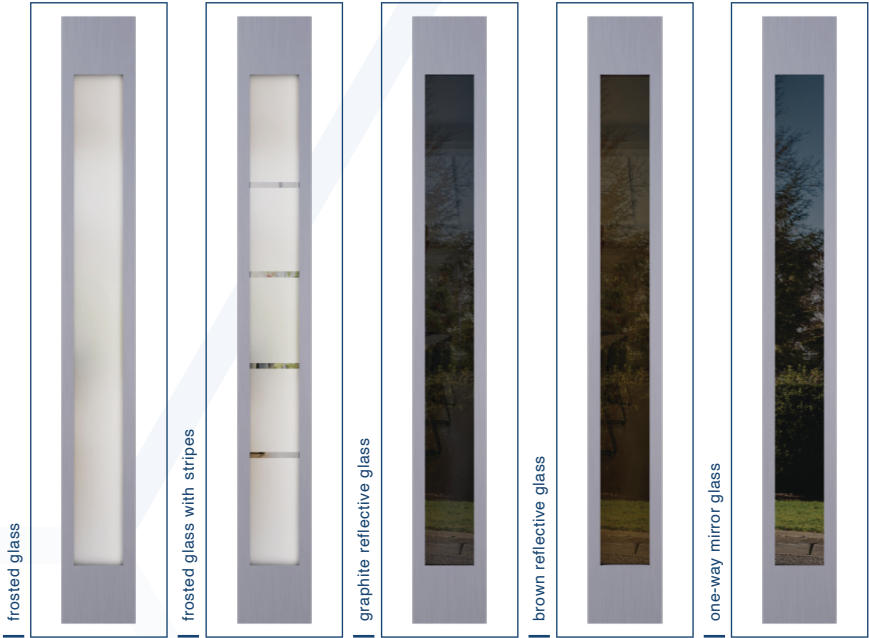


EXCLUSIVE COLOURS



* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

EXTERIOR DOORS – GLAZED



FRAMES AVAILABLE IN INOX AND BLACK

AVAILABLE SIZES:

80N, 80E, 90N, 90E, 100N, 100E

85MM THICK DOORS ARE MADE IN COLOURS:
WHITE, TURNER OAK, WINCHESTER, GOLDEN OAK, DARK ORANGE, BOG OAK, DARK ANTHRACITE, ANTHRACITE WOODGRAIN, RED, BLUE, GREEN, BLACK TEXTURE AND RAL PASTEL COLOURS ARE AVAILABLE FOR SIZES 80N, 80E, 90N, 90E

	UD
55 STANDARD	1.6
55 PREMIUM	1.5
55 PREMIUM PLUS	1.5
72 STANDARD	1.3
72 PREMIUM	1.3
72 PREMIUM PLUS	1.1
72 PREMIUM ALU	0.97
72 PREMIUM H PLUS	1.1
72 PREMIUM H ALU	0.97

	UD
85 STANDARD	1.3
85 PREMIUM	1.3
85 PREMIUM PLUS	1.0
85 PREMIUM ALU	0.96
85 PREMIUM H PLUS	1.0
85 PREMIUM H ALU	0.96
72 ECOTHERM	0.96
72 ECOTHERM ALU	0.96
72 ECOTHERM H	0.96
72 ECOTHERM H ALU	0.96
101 MASTER THERM	0.7

EXTRACHARGE FOR WIDTH 100



STANDARD COLOURS

	NEW! BEIGE		WHITE*		WHITE WOOD- GRAIN		LIGHT GREY		CONCRETE
	WHITE OAK		SONOMA OAK		SHEFFIELD OAK		WINCHESTER*		GOLDEN OAK*
	DARK WALNUT *		DARK MAHOGANY		BOG OAK *		DARK ANTHRACITE *		ANTHRACITE WOODGRAIN *
	BLACK TEXTURE *		BLUE *		GREEN *		RED *		

PASTEL COLOURS FROM RAL PALETTE

	NEW! RAL5024 BABY BLUE *		NEW! RAL6021 MINT*		NEW! RAL3015 PINK*		NEW! RAL1034 PEACH *
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EXCLUSIVE COLOURS

	NEW! TRUFFLE OAK		TURNER OAK*		BLACK WOODGRAIN
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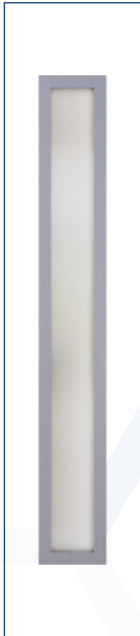
* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

EXTERIOR DOORS – GLAZED

S34- T631 dark anthracite



frosted glass



graphite reflective glass



brown reflective glass



one-way mirror glass



FRAMES AVAILABLE IN INOX AND BLACK

AVAILABLE SIZES:

80N, 80E, 90N, 90E, 100N, 100E

85MM THICK DOORS ARE MADE IN COLOURS:
WHITE, TURNER OAK, WINCHESTER, GOLDEN OAK, DARK
ORANGE, BOG OAK, DARK ANTHRACITE, ANTHRACITE
WOODGRAIN, RED, BLUE, GREEN, BLACK TEXTURE AND RAL
PASTEL COLOURS ARE
AVAILABLE FOR SIZES 80N, 80E, 90N, 90E

	UD
55 STANDARD	1.6
55 PREMIUM	1.5
55 PREMIUM PLUS	1.5
72 STANDARD	1.3
72 PREMIUM	1.3
72 PREMIUM PLUS	1.1
72 PREMIUM ALU	0.97
72 PREMIUM H PLUS	1.1
72 PREMIUM H ALU	0.97

	UD
85 STANDARD	1.3
85 PREMIUM	1.3
85 PREMIUM PLUS	1.0
85 PREMIUM ALU	0.96
85 PREMIUM H PLUS	1.0
85 PREMIUM H ALU	0.96
72 ECOTHERM	0.96
72 ECOTHERM ALU	0.96
72 ECOTHERM H	0.96
72 ECOTHERM H ALU	0.96
101 MASTER THERM	0.7

EXTRACHARGE FOR WIDTH 100



STANDARD COLOURS

	NEW! BEIGE		WHITE*		WHITE WOOD- GRAIN		LIGHT GREY		CONCRETE
	WHITE OAK		SONOMA OAK		SHEFFIELD OAK		WINCHESTER*		GOLDEN OAK*
	DARK WALNUT *		DARK MAHOGANY		BOG OAK *		DARK ANTHRACITE *		ANTHRACITE WOODGRAIN *
	BLACK TEXTURE *		BLUE *		GREEN *		RED *		

PASTEL COLOURS FROM RAL PALETTE

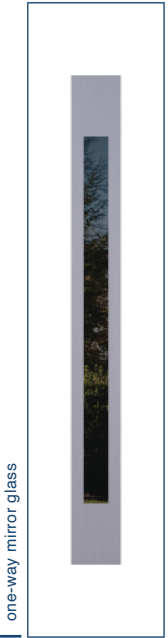
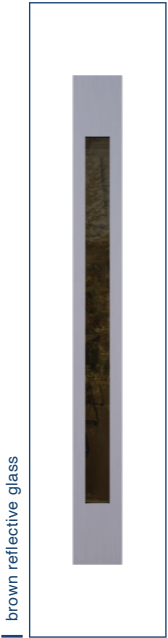
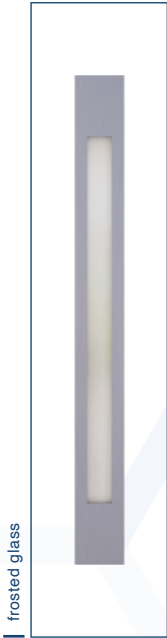
	NEW! RAL5024 BABY BLUE *		NEW! RAL6021 MINT*		NEW! RAL3015 PINK*		NEW! RAL1034 PEACH *
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EXCLUSIVE COLOURS

	NEW! TRUFFLE OAK		TURNER OAK*		BLACK WOODGRAIN
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* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

EXTERIOR DOORS – GLAZED



FRAMES AVAILABLE IN INOX AND BLACK

AVAILABLE SIZES:

80N, 80E, 90N, 90E, 100N, 100E

85MM THICK DOORS ARE MADE IN COLOURS:
WHITE, TURNER OAK, WINCHESTER, GOLDEN OAK, DARK ORANGE, BOG OAK, DARK ANTHRACITE, ANTHRACITE WOODGRAIN, RED, BLUE, GREEN, BLACK TEXTURE AND RAL PASTEL COLOURS ARE AVAILABLE FOR SIZES 80N, 80E, 90N, 90E

	UD
55 STANDARD	1.6
55 PREMIUM	1.5
55 PREMIUM PLUS	1.5
72 STANDARD	1.3
72 PREMIUM	1.3
72 PREMIUM PLUS	1.1
72 PREMIUM ALU	0.97
72 PREMIUM H PLUS	1.1
72 PREMIUM H ALU	0.97

	UD
85 STANDARD	1.3
85 PREMIUM	1.3
85 PREMIUM PLUS	1.0
85 PREMIUM ALU	0.96
85 PREMIUM H PLUS	1.0
85 PREMIUM H ALU	0.96
72 ECOTHERM	0.96
72 ECOTHERM ALU	0.96
72 ECOTHERM H	0.96
72 ECOTHERM H ALU	0.96
101 MASTER THERM	0.7

EXTRACHARGE FOR WIDTH 100



S33 - T60 | light grey



S33 - GI green texture

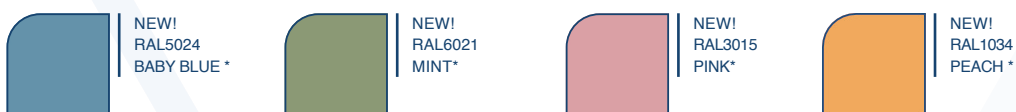


S33 - T61 turner oak

STANDARD COLOURS



PASTEL COLOURS FROM RAL PALETTE



EXCLUSIVE COLOURS



* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

EXTERIOR DOORS – GLAZED

S17-T20 | dark anthracite



S16



S17



S18



PVC FRAMES IN VENEER COLOUR

AVAILABLE SIZES:

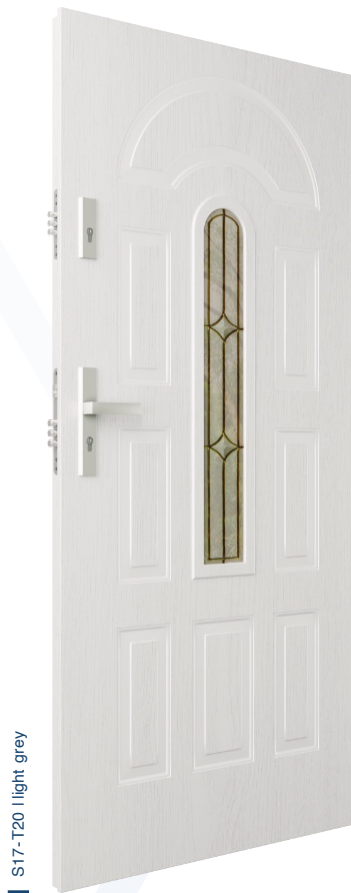
80N, 80E, 90N, 90E, 100N, 100E

85MM THICK DOORS ARE MADE IN COLOURS:
WHITE, TURNER OAK, WINCHESTER, GOLDEN OAK, DARK
ORANGE, BOG OAK, DARK ANTHRACITE, ANTHRACITE
WOODGRAIN, RED, BLUE, GREEN, BLACK TEXTURE AND RAL
PASTEL COLOURS ARE
AVAILABLE FOR SIZES 80N, 80E, 90N, 90E

	UD
55 STANDARD	1.6
55 PREMIUM	1.5
55 PREMIUM PLUS	1.5
72 STANDARD	1.3
72 PREMIUM	1.3
72 PREMIUM PLUS	1.3
72 PREMIUM ALU	1.3
72 PREMIUM H PLUS	1.3
72 PREMIUM H ALU	1.3

	UD
85 STANDARD	x
85 PREMIUM	x
85 PREMIUM PLUS	x
85 PREMIUM ALU	x
85 PREMIUM H PLUS	x
85 PREMIUM H ALU	x
72 ECOTHERM	1.3
72 ECOTHERM ALU	1.3
72 ECOTHERM H	1.3
72 ECOTHERM H ALU	1.3
101 MASTERTHERM	x

EXTRACHARGE FOR WIDTH 100



| S17-T20 | light grey

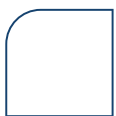


| S18-GI | dark walnut



| S18-T26 | truffle oak

STANDARD COLOURS



| WHITE*



| WHITE
WOODGRAIN



| WINCHESTER*



| GOLDEN OAK*



| DARK WALNUT *



| DARKMAHOAGANY



| BOG OAK*



| DARK ANTHRACITE



| BLACK
TEXTURE*

* DOORS IN SIZES 100E AND 100N ONLY AVAILABLE
IN THE COLOURS INDICATED

EXTERIOR DOORS – GLAZED

S07 - T261 dark anthracite



S06



S07



S08



PVC FRAMES IN VENEER COLOUR

AVAILABLE SIZES:

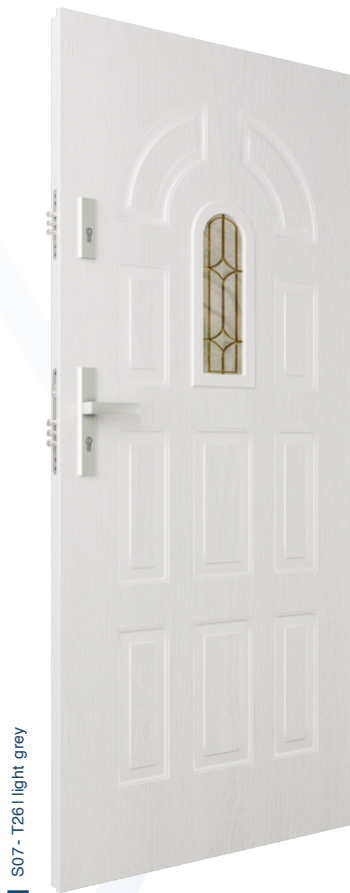
80N, 80E, 90N, 90E, 100N, 100E

85MM THICK DOORS ARE MADE IN COLOURS:
WHITE, TURNER OAK, WINCHESTER, GOLDEN OAK, DARK ORANGE, BOG OAK, DARK ANTHRACITE, ANTHRACITE WOODGRAIN, RED, BLUE, GREEN, BLACK TEXTURE AND RAL PASTEL COLOURS ARE AVAILABLE FOR SIZES 80N, 80E, 90N, 90E

	UD
55 STANDARD	1.6
55 PREMIUM	1.5
55 PREMIUM PLUS	1.5
72 STANDARD	1.3
72 PREMIUM	1.3
72 PREMIUM PLUS	1.3
72 PREMIUM ALU	1.3
72 PREMIUM H PLUS	1.3
72 PREMIUM H ALU	1.3

	UD
85 STANDARD	x
85 PREMIUM	x
85 PREMIUM PLUS	x
85 PREMIUM ALU	x
85 PREMIUM H PLUS	x
85 PREMIUM H ALU	x
72 ECOTHERM	1.3
72 ECOTHERM ALU	1.3
72 ECOTHERM H	1.3
72 ECOTHERM H ALU	1.3
101 MASTER THERM	x

EXTRACHARGE FOR WIDTH 100



| S07 - T26 | light grey

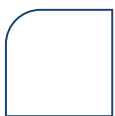


| S08 - G1 white texture



| S08 - T29 | golden oak

STANDARD COLOURS



| WHITE*



| WHITE
WOODGRAIN



| WINCHESTER*



| GOLDEN OAK*



| DARK WALNUT *



| DARKMAHOGANY



| BOG OAK*



| DARK ANTHRACITE



| BLACK
TEXTURE*

* DOORS IN SIZES 100E AND 100N ONLY AVAILABLE IN THE COLOURS INDICATED

EXTERIOR DOORS – GLAZED

S03 - T52l dark anthracite



frosted glass



graphite reflective glass



brown reflective glass



one-way mirror glass



PVC FRAMES IN VENEER COLOUR

AVAILABLE SIZES:

80N, 80E, 90N, 90E, 100N, 100E

85MM THICK DOORS ARE MADE IN COLOURS:
WHITE, TURNER OAK, WINCHESTER, GOLDEN OAK, DARK
ORANGE, BOG OAK, DARK ANTHRACITE, ANTHRACITE
WOODGRAIN, RED, BLUE, GREEN, BLACK TEXTURE AND RAL
PASTEL COLOURS ARE
AVAILABLE FOR SIZES 80N, 80E, 90N, 90E

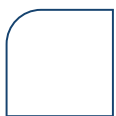
	UD
55 STANDARD	1.6
55 PREMIUM	1.5
55 PREMIUM PLUS	1.5
72 STANDARD	1.3
72 PREMIUM	1.3
72 PREMIUM PLUS	1.3
72 PREMIUM ALU	1.3
72 PREMIUM H PLUS	1.3
72 PREMIUM H ALU	1.3

	UD
85 STANDARD	x
85 PREMIUM	x
85 PREMIUM PLUS	x
85 PREMIUM ALU	x
85 PREMIUM H PLUS	x
85 PREMIUM H ALU	x
72 ECOTHERM	1.3
72 ECOTHERM ALU	1.3
72 ECOTHERM H	1.3
72 ECOTHERM H ALU	1.3
101 MASTERTHERM	x

EXTRACHARGE FOR WIDTH 100



STANDARD COLOURS



WHITE*



WHITE
WOODGRAIN



WINCHESTER*



GOLDEN OAK*



DARK WALNUT *



DARK MAHOGANY



BOG OAK*



DARK ANTHRACITE



BLACK
TEXTURE*

* DOORS IN SIZES 100E AND 100N ONLY AVAILABLE
IN THE COLOURS INDICATED

EXTERIOR DOORS

GLAZED WITH DECORATIONS

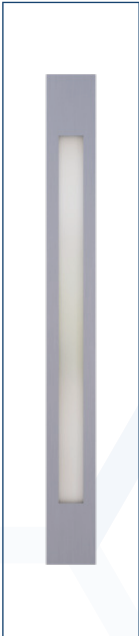


EXTERIOR DOORS – GLAZED WITH DECORATIONS

S33- A46 narrow | dark anthracite



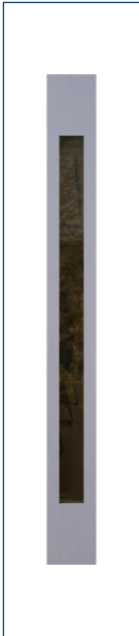
frosted glass



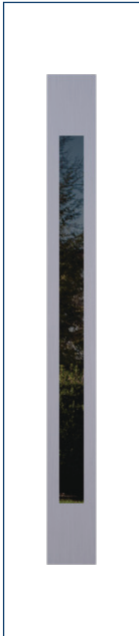
graphite reflective glass



brown reflective glass



one-way mirror glass



FRAMES AVAILABLE IN INOX AND BLACK

DECORATION WIDTH:
NARROW DECORATION 14 MM
30MM WIDE DECORATION

AVAILABLE SIZES:

80N, 80E, 90N, 90E, 100N, 100E

85MM THICK DOORS ARE MADE IN COLOURS:
WHITE, TURNER OAK, WINCHESTER, GOLDEN OAK, DARK
ORANGE, BOG OAK, DARK ANTHRACITE, ANTHRACITE
WOODGRAIN, RED, BLUE, GREEN, BLACK TEXTURE AND RAL
PASTEL COLOURS ARE
AVAILABLE FOR SIZES 80N, 80E, 90N, 90E

	UD
55 STANDARD	1.6
55 PREMIUM	1.5
55 PREMIUM PLUS	1.5
72 STANDARD	1.3
72 PREMIUM	1.3
72 PREMIUM PLUS	1.1
72 PREMIUM ALU	0.97
72 PREMIUM H PLUS	1.1
72 PREMIUM H ALU	0.97

	UD
85 STANDARD	1.3
85 PREMIUM	1.3
85 PREMIUM PLUS	1.0
85 PREMIUM ALU	0.96
85 PREMIUM H PLUS	1.0
85 PREMIUM H ALU	0.96
72 ECOTHERM	0.96
72 ECOTHERM ALU	0.96
72 ECOTHERM H	0.96
72 ECOTHERM H ALU	0.96
101 MASTER THERM	0.7

EXTRACHARGE FOR WIDTH 100



STANDARD COLOURS

	NEW! BEIGE		WHITE*		WHITE WOOD- GRAIN		LIGHT GREY		CONCRETE
	WHITE OAK		SONOMA OAK		SHEFFIELD OAK		WINCHESTER*		GOLDEN OAK*
	DARK WALNUT *		DARK MAHOGANY		BOG OAK *		DARK ANTHRACITE *		ANTHRACITE WOODGRAIN *
	BLACK TEXTURE *		BLUE *		GREEN *		RED *		

PASTEL COLOURS FROM RAL PALETTE

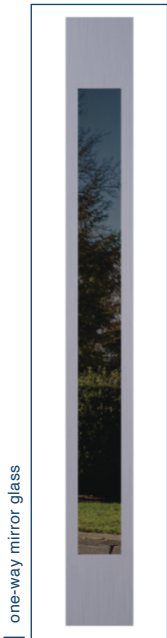
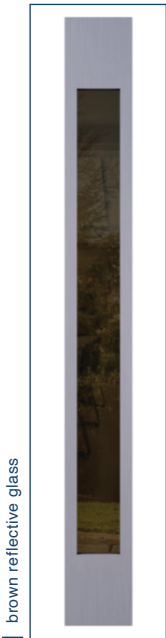
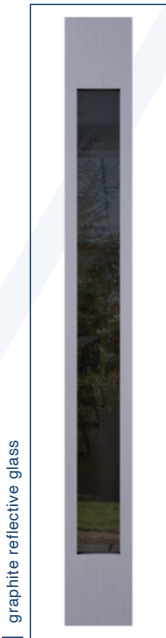
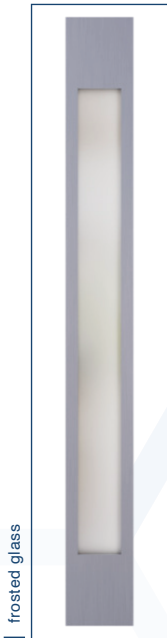
	NEW! RAL5024 BABY BLUE *		NEW! RAL6021 MINT*		NEW! RAL3015 PINK*		NEW! RAL1034 PEACH *
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EXCLUSIVE COLOURS

	NEW! TRUFFLE OAK		TURNER OAK*		BLACK WOODGRAIN
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* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

EXTERIOR DOORS – GLAZED WITH DECORATIONS



FRAMES AVAILABLE IN INOX AND BLACK

AVAILABLE SIZES:

80N, 80E, 90N, 90E, 100N, 100E

85MM THICK DOORS ARE MADE IN COLOURS:
WHITE, TURNER OAK, WINCHESTER, GOLDEN OAK, DARK ORANGE, BOG OAK, DARK ANTHRACITE, ANTHRACITE WOODGRAIN, RED, BLUE, GREEN, BLACK TEXTURE AND RAL PASTEL COLOURS ARE AVAILABLE FOR SIZES 80N, 80E, 90N, 90E

	UD
55 STANDARD	1.6
55 PREMIUM	1.5
55 PREMIUM PLUS	1.5
72 STANDARD	1.3
72 PREMIUM	1.3
72 PREMIUM PLUS	1.1
72 PREMIUM ALU	0.97
72 PREMIUM H PLUS	1.1
72 PREMIUM H ALU	0.97

	UD
85 STANDARD	1.3
85 PREMIUM	1.3
85 PREMIUM PLUS	1.0
85 PREMIUM ALU	0.96
85 PREMIUM H PLUS	1.0
85 PREMIUM H ALU	0.96
72 ECOTHERM	0.96
72 ECOTHERM ALU	0.96
72 ECOTHERM H	0.96
72 ECOTHERM H ALU	0.96
101 MASTER THERM	0.7

EXTRA CHARGE FOR WIDTH 100



STANDARD COLOURS

	NEW! BEIGE		WHITE*		WHITE WOOD- GRAIN		LIGHT GREY		CONCRETE
	WHITE OAK		SONOMA OAK		SHEFFIELD OAK		WINCHESTER*		GOLDEN OAK*
	DARK WALNUT *		DARK MAHOGANY		BOG OAK *		DARK ANTHRACITE *		ANTHRACITE WOODGRAIN *
	BLACK TEXTURE *		BLUE *		GREEN *		RED *		

PASTEL COLOURS FROM RAL PALETTE

	NEW! RAL5024 BABY BLUE *		NEW! RAL6021 MINT*		NEW! RAL3015 PINK*		NEW! RAL1034 PEACH *
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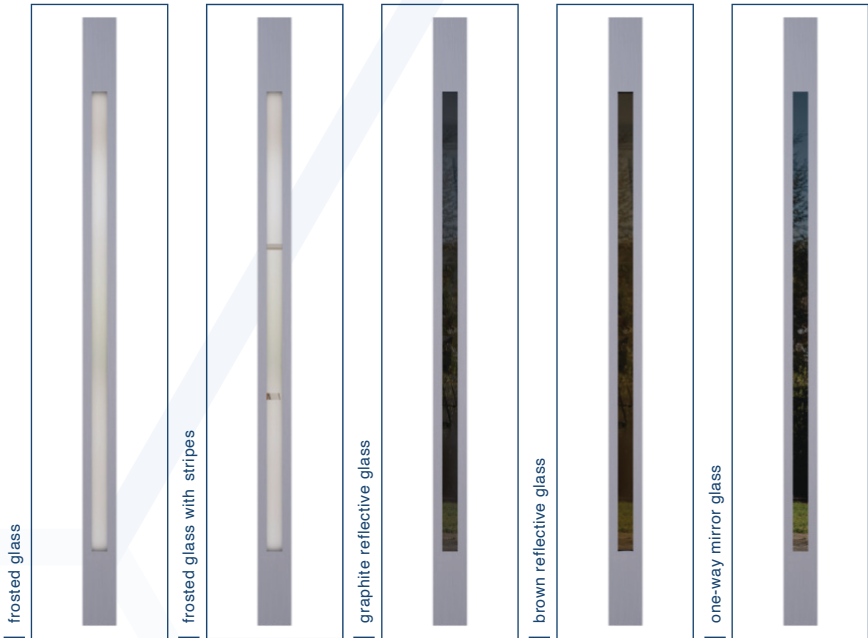
EXCLUSIVE COLOURS

	NEW! TRUFFLE OAK		TURNER OAK*		BLACK WOODGRAIN
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* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

EXTERIOR DOORS – GLAZED WITH DECORATIONS

S60 - A53 narrow | dark anthracite



FRAMES AVAILABLE IN INOX AND BLACK

AVAILABLE SIZES:

80N, 80E, 90N, 90E, 100N, 100E

85MM THICK DOORS ARE MADE IN COLOURS:
WHITE, TURNER OAK, WINCHESTER, GOLDEN OAK, DARK ORANGE, BOG OAK, DARK ANTHRACITE, ANTHRACITE WOODGRAIN, RED, BLUE, GREEN, BLACK TEXTURE AND RAL PASTEL COLOURS ARE AVAILABLE FOR SIZES 80N, 80E, 90N, 90E

	UD
55 STANDARD	1.6
55 PREMIUM	1.5
55 PREMIUM PLUS	1.5
72 STANDARD	1.3
72 PREMIUM	1.3
72 PREMIUM PLUS	1.1
72 PREMIUM ALU	0.97
72 PREMIUM H PLUS	1.1
72 PREMIUM H ALU	0.97

	UD
85 STANDARD	1.3
85 PREMIUM	1.3
85 PREMIUM PLUS	1.0
85 PREMIUM ALU	0.96
85 PREMIUM H PLUS	1.0
85 PREMIUM H ALU	0.96
72 ECOTHERM	0.96
72 ECOTHERM ALU	0.96
72 ECOTHERM H	0.96
72 ECOTHERM H ALU	0.96
101 MASTER THERM	0.7

EXTRACHARGE FOR WIDTH 100



STANDARD COLOURS

	NEW! BEIGE		WHITE*		WHITE WOOD- GRAIN		LIGHT GREY		CONCRETE
	WHITE OAK		SONOMA OAK		SHEFFIELD OAK		WINCHESTER*		GOLDEN OAK*
	DARK WALNUT *		DARK MAHOGANY		BOG OAK *		DARK ANTHRACITE *		ANTHRACITE WOODGRAIN *
	BLACK TEXTURE *		BLUE *		GREEN *		RED *		

PASTEL COLOURS FROM RAL PALETTE

	NEW! RAL5024 BABY BLUE *		NEW! RAL6021 MINT*		NEW! RAL3015 PINK*		NEW! RAL1034 PEACH *
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EXCLUSIVE COLOURS

	NEW! TRUFFLE OAK		TURNER OAK*		BLACK WOODGRAIN
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* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

EXTERIOR DOORS – GLAZED WITH DECORATIONS

S62- A49 narrow | dark anthracite



frosted glass



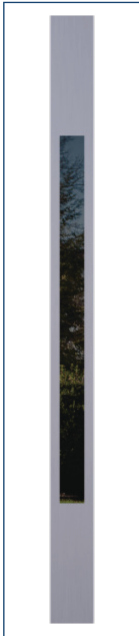
graphite reflective glass



brown reflective glass



one-way mirror glass



FRAMES AVAILABLE IN INOX AND BLACK

AVAILABLE SIZES:

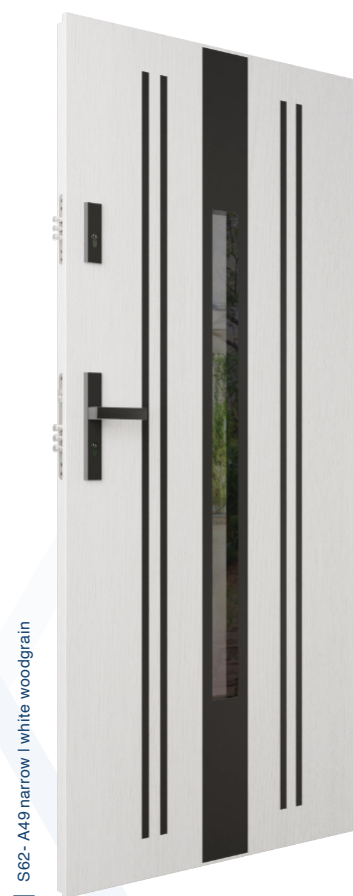
80N, 80E, 90N, 90E, 100N, 100E

85MM THICK DOORS ARE MADE IN COLOURS:
WHITE, TURNER OAK, WINCHESTER, GOLDEN OAK, DARK
ORANGE, BOG OAK, DARK ANTHRACITE, ANTHRACITE
WOODGRAIN, RED, BLUE, GREEN, BLACK TEXTURE AND RAL
PASTEL COLOURS ARE
AVAILABLE FOR SIZES 80N, 80E, 90N, 90E

	UD
55 STANDARD	1.6
55 PREMIUM	1.5
55 PREMIUM PLUS	1.5
72 STANDARD	1.3
72 PREMIUM	1.3
72 PREMIUM PLUS	1.1
72 PREMIUM ALU	0.97
72 PREMIUM H PLUS	1.1
72 PREMIUM H ALU	0.97

	UD
85 STANDARD	1.3
85 PREMIUM	1.3
85 PREMIUM PLUS	1.0
85 PREMIUM ALU	0.96
85 PREMIUM H PLUS	1.0
85 PREMIUM H ALU	0.96
72 ECOTHERM	0.96
72 ECOTHERM ALU	0.96
72 ECOTHERM H	0.96
72 ECOTHERM H ALU	0.96
101 MASTER THERM	0.7

EXTRA CHARGE FOR WIDTH 100



STANDARD COLOURS

	NEW! BEIGE		WHITE*		WHITE WOOD- GRAIN		LIGHT GREY		CONCRETE
	WHITE OAK		SONOMA OAK		SHEFFIELD OAK		WINCHESTER*		GOLDEN OAK*
	DARK WALNUT *		DARK MAHOGANY		BOG OAK *		DARK ANTHRACITE *		ANTHRACITE WOODGRAIN *
	BLACK TEXTURE *		BLUE *		GREEN *		RED *		

PASTEL COLOURS FROM RAL PALETTE

	NEW! RAL5024 BABY BLUE *		NEW! RAL6021 MINT*		NEW! RAL3015 PINK*		NEW! RAL1034 PEACH *
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EXCLUSIVE COLOURS

	NEW! TRUFFLE OAK		TURNER OAK*		BLACK WOODGRAIN
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* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

EXTERIOR DOORS

WITH DECORATIONS



NEW
3D TWO-SIDE
DECORATION
R01

AVAILABLE IN
WHITE AND BLACK
TEXTURE



R01 white texture



R01 black texture

DECORATION WIDTH:
NARROW DECORATION 14MM
30MM WIDE DECORATION

AVAILABLE SIZES:

80N, 80E, 90N, 90E, 100N, 100E

85MM THICK DOORS ARE MADE IN COLOURS:
WHITE, TURNER OAK, WINCHESTER, GOLDEN OAK, DARK
ORANGE, BOG OAK, DARK ANTHRACITE, ANTHRACITE
WOODGRAIN, RED, BLUE, GREEN, BLACK TEXTURE AND RAL
PASTEL COLOURS ARE
AVAILABLE FOR SIZES 80N, 80E, 90N, 90E

	UD
55 STANDARD	1.3
55 PREMIUM	1.2
55 PREMIUM PLUS	1.2
72 STANDARD	1.3
72 PREMIUM	1.2
72 PREMIUM PLUS	0.98
72 PREMIUM ALU	0.88
72 PREMIUM H PLUS	0.98
72 PREMIUM H ALU	0.88

	UD
85 STANDARD	1.2
85 PREMIUM	1.1
85 PREMIUM PLUS	0.91
85 PREMIUM ALU	0.85
85 PREMIUM H PLUS	0.91
85 PREMIUM H ALU	0.85
72 ECOTHERM	0.88
72 ECOTHERM ALU	0.88
72 ECOTHERM H	0.88
72 ECOTHERM H ALU	0.88
101 MASTER THERM	0.63

EXTRACHARGE FOR WIDTH 100

T54 - A5 wąska | dark anthracite



T49 - A7 wąska | white woodgrain



T41 - A1 wąska | black texture



STANDARD COLOURS

	NEW! BEIGE		WHITE*		WHITE WOOD- GRAIN		LIGHT GREY		CONCRETE
	WHITE OAK		SONOMA OAK		SHEFFIELD OAK		WINCHESTER*		GOLDEN OAK*
	DARK WALNUT *		DARK MAHOGANY		BOG OAK *		DARK ANTHRACITE *		ANTHRACITE WOODGRAIN *
	BLACK TEXTURE *		BLUE *		GREEN *		RED *		

PASTEL COLOURS FROM RAL PALETTE

	NEW! RAL5024 BABY BLUE *		NEW! RAL6021 MINT*		NEW! RAL3015 PINK*		NEW! RAL1034 PEACH *
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EXCLUSIVE COLOURS

	NEW! TRUFFLE OAK		TURNER OAK*		BLACK WOODGRAIN
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* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

EXTERIOR DOORS

WITH EMBOSSING



EXTERIOR DOORS – WITH EMBOSSING



G1 dark anthracite



T20 light grey

AVAILABLE SIZES:

80N, 80E, 90N, 90E, 100N, 100E

85MM THICK DOORS ARE MADE IN COLOURS:
WHITE, TURNER OAK, WINCHESTER, GOLDEN OAK, DARK
ORANGE, BOG OAK, DARK ANTHRACITE, ANTHRACITE
WOODGRAIN, RED, BLUE, GREEN, BLACK TEXTURE AND RAL
PASTEL COLOURS ARE
AVAILABLE FOR SIZES 80N, 80E, 90N, 90E

	UD		UD
55 STANDARD	1.3	85 STANDARD	1.2
55 PREMIUM	1.2	85 PREMIUM	1.1
55 PREMIUM PLUS	1.2	85 PREMIUM PLUS	0.91
72 STANDARD	1.3	85 PREMIUM ALU	0.85
72 PREMIUM	1.2	85 PREMIUM H PLUS	0.91
72 PREMIUM PLUS	0.98	85 PREMIUM H ALU	0.85
72 PREMIUM ALU	0.88	72 ECOTHERM	0.88
72 PREMIUM H PLUS	0.98	72 ECOTHERM ALU	0.88
72 PREMIUM H ALU	0.88	72 ECOTHERM H	0.88
		72 ECOTHERM H ALU	0.88
		101 MASTERTHERM	0.63

EXTRACHARGE FOR WIDTH 100



T21 | golden oak



T26 | blue texture



T29 | white texture

STANDARD COLOURS

	NEW! BEIGE		WHITE*		WHITE WOOD- GRAIN		LIGHT GREY		CONCRETE
	WHITE OAK		SONOMA OAK		SHEFFIELD OAK		WINCHESTER*		GOLDEN OAK*
	DARK WALNUT *		DARK MAHOGANY		BOG OAK *		DARK ANTHRACITE *		ANTHRACITE WOODGRAIN *
	BLACK TEXTURE *		BLUE *		GREEN *		RED *		

PASTEL COLOURS FROM RAL PALETTE

	NEW! RAL5024 BABY BLUE *		NEW! RAL6021 MINT*		NEW! RAL3015 PINK*		NEW! RAL1034 PEACH *
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EXCLUSIVE COLOURS

	NEW! TRUFFLE OAK		TURNER OAK*		BLACK WOODGRAIN
--	---------------------	--	-------------	--	--------------------

* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

EXTERIOR DOORS – WITH EMBOSSING



AVAILABLE SIZES:

80N, 80E, 90N, 90E, 100N, 100E

85MM THICK DOORS ARE MADE IN COLOURS:
WHITE, TURNER OAK, WINCHESTER, GOLDEN OAK, DARK
ORANGE, BOG OAK, DARK ANTHRACITE, ANTHRACITE
WOODGRAIN, RED, BLUE, GREEN, BLACK TEXTURE AND RAL
PASTEL COLOURS ARE
AVAILABLE FOR SIZES 80N, 80E, 90N, 90E

	UD		UD
55 STANDARD	1.3	85 STANDARD	1.2
55 PREMIUM	1.2	85 PREMIUM	1.1
55 PREMIUM PLUS	1.2	85 PREMIUM PLUS	0.91
72 STANDARD	1.3	85 PREMIUM ALU	0.85
72 PREMIUM	1.2	85 PREMIUM H PLUS	0.91
72 PREMIUM PLUS	0.98	85 PREMIUM H ALU	0.85
72 PREMIUM ALU	0.88	72 ECOTHERM	0.88
72 PREMIUM H PLUS	0.98	72 ECOTHERM ALU	0.88
72 PREMIUM H ALU	0.88	72 ECOTHERM H	0.88
		72 ECOTHERM H ALU	0.88
		101 MASTERTHERM	0.63

EXTRACHARGE FOR WIDTH 100



STANDARD COLOURS

	NEW! BEIGE		WHITE*		WHITE WOOD- GRAIN		LIGHT GREY		CONCRETE
	WHITE OAK		SONOMA OAK		SHEFFIELD OAK		WINCHESTER*		GOLDEN OAK*
	DARK WALNUT *		DARK MAHOGANY		BOG OAK *		DARK ANTHRACITE *		ANTHRACITE WOODGRAIN *
	BLACK TEXTURE *		BLUE *		GREEN *		RED *		

PASTEL COLOURS FROM RAL PALETTE

	NEW! RAL5024 BABY BLUE *		NEW! RAL6021 MINT*		NEW! RAL3015 PINK*		NEW! RAL1034 PEACH *
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EXCLUSIVE COLOURS

	NEW! TRUFFLE OAK		TURNER OAK*		BLACK WOODGRAIN
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* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

EXTERIOR DOORS – WITH EMBOSSING



AVAILABLE SIZES:

80N, 80E, 90N, 90E, 100N, 100E

85MM THICK DOORS ARE MADE IN COLOURS:
WHITE, TURNER OAK, WINCHESTER, GOLDEN OAK, DARK
ORANGE, BOG OAK, DARK ANTHRACITE, ANTHRACITE
WOODGRAIN, RED, BLUE, GREEN, BLACK TEXTURE AND RAL
PASTEL COLOURS ARE
AVAILABLE FOR SIZES 80N, 80E, 90N, 90E

	UD
55 STANDARD	1.3
55 PREMIUM	1.2
55 PREMIUM PLUS	1.2
72 STANDARD	1.3
72 PREMIUM	1.2
72 PREMIUM PLUS	0.98
72 PREMIUM ALU	0.88
72 PREMIUM H PLUS	0.98
72 PREMIUM H ALU	0.88

	UD
85 STANDARD	1.2
85 PREMIUM	1.1
85 PREMIUM PLUS	0.91
85 PREMIUM ALU	0.85
85 PREMIUM H PLUS	0.91
85 PREMIUM H ALU	0.85
72 ECOTHERM	0.88
72 ECOTHERM ALU	0.88
72 ECOTHERM H	0.88
72 ECOTHERM H ALU	0.88
101 MASTERTHERM	0.63

EXTRACHARGE FOR WIDTH 100

T48 | black texture



T49 | bog oak



T50 | red texture



STANDARD COLOURS

	NEW! BEIGE		WHITE*		WHITE WOOD- GRAIN		LIGHT GREY		CONCRETE
	WHITE OAK		SONOMA OAK		SHEFFIELD OAK		WINCHESTER*		GOLDEN OAK*
	DARK WALNUT *		DARK MAHOGANY		BOG OAK *		DARK ANTHRACITE *		ANTHRACITE WOODGRAIN *
	BLACK TEXTURE *		BLUE *		GREEN *		RED *		

PASTEL COLOURS FROM RAL PALETTE

	NEW! RAL5024 BABY BLUE *		NEW! RAL6021 MINT*		NEW! RAL3015 PINK*		NEW! RAL1034 PEACH *
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EXCLUSIVE COLOURS

	NEW! TRUFFLE OAK		TURNER OAK*		BLACK WOODGRAIN
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* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

EXTERIOR DOORS – WITH EMBOSSING



AVAILABLE SIZES:

80N, 80E, 90N, 90E, 100N, 100E

85MM THICK DOORS ARE MADE IN COLOURS:
WHITE, TURNER OAK, WINCHESTER, GOLDEN OAK, DARK
ORANGE, BOG OAK, DARK ANTHRACITE, ANTHRACITE
WOODGRAIN, RED, BLUE, GREEN, BLACK TEXTURE AND RAL
PASTEL COLOURS ARE
AVAILABLE FOR SIZES 80N, 80E, 90N, 90E

	UD		UD
55 STANDARD	1.3	85 STANDARD	1.2
55 PREMIUM	1.2	85 PREMIUM	1.1
55 PREMIUM PLUS	1.2	85 PREMIUM PLUS	0.91
72 STANDARD	1.3	85 PREMIUM ALU	0.85
72 PREMIUM	1.2	85 PREMIUM H PLUS	0.91
72 PREMIUM PLUS	0.98	85 PREMIUM H ALU	0.85
72 PREMIUM ALU	0.88	72 ECOTHERM	0.88
72 PREMIUM H PLUS	0.98	72 ECOTHERM ALU	0.88
72 PREMIUM H ALU	0.88	72 ECOTHERM H	0.88
		72 ECOTHERM H ALU	0.88
		101 MASTER THERM	0.63

EXTRACHARGE FOR WIDTH 100



T53 | white woodgrain



T54 | dark walnut



T58 | blue texture

STANDARD COLOURS

	NEW! BEIGE		WHITE*		WHITE WOOD- GRAIN		LIGHT GREY		CONCRETE
	WHITE OAK		SONOMA OAK		SHEFFIELD OAK		WINCHESTER*		GOLDEN OAK*
	DARK WALNUT *		DARK MAHOGANY		BOG OAK *		DARK ANTHRACITE *		ANTHRACITE WOODGRAIN *
	BLACK TEXTURE *		BLUE *		GREEN *		RED *		

PASTEL COLOURS FROM RAL PALETTE

	NEW! RAL5024 BABY BLUE *		NEW! RAL6021 MINT*		NEW! RAL3015 PINK*		NEW! RAL1034 PEACH *
--	--------------------------------	--	--------------------------	--	--------------------------	--	----------------------------

EXCLUSIVE COLOURS

	NEW! TRUFFLE OAK		TURNER OAK*		BLACK WOODGRAIN
--	---------------------	--	-------------	--	--------------------

* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

EXTERIOR DOORS – WITH EMBOSSING



AVAILABLE SIZES:

80N, 80E, 90N, 90E, 100N, 100E

85MM THICK DOORS ARE MADE IN COLOURS:
WHITE, TURNER OAK, WINCHESTER, GOLDEN OAK, DARK
ORANGE, BOG OAK, DARK ANTHRACITE, ANTHRACITE
WOODGRAIN, RED, BLUE, GREEN, BLACK TEXTURE AND RAL
PASTEL COLOURS ARE
AVAILABLE FOR SIZES 80N, 80E, 90N, 90E

	UD		UD
55 STANDARD	1.3	85 STANDARD	1.2
55 PREMIUM	1.2	85 PREMIUM	1.1
55 PREMIUM PLUS	1.2	85 PREMIUM PLUS	0.91
72 STANDARD	1.3	85 PREMIUM ALU	0.85
72 PREMIUM	1.2	85 PREMIUM H PLUS	0.91
72 PREMIUM PLUS	0.98	85 PREMIUM H ALU	0.85
72 PREMIUM ALU	0.88	72 ECOTHERM	0.88
72 PREMIUM H PLUS	0.98	72 ECOTHERM ALU	0.88
72 PREMIUM H ALU	0.88	72 ECOTHERM H	0.88
		72 ECOTHERM H ALU	0.88
		101 MASTER THERM	0.63

EXTRACHARGE FOR WIDTH 100



STANDARD COLOURS

	NEW! BEIGE		WHITE*		WHITE WOOD- GRAIN		LIGHT GREY		CONCRETE
	WHITE OAK		SONOMA OAK		SHEFFIELD OAK		WINCHESTER*		GOLDEN OAK*
	DARK WALNUT *		DARK MAHOGANY		BOG OAK *		DARK ANTHRACITE *		ANTHRACITE WOODGRAIN *
	BLACK TEXTURE *		BLUE *		GREEN *		RED *		

PASTEL COLOURS FROM RAL PALETTE

	NEW! RAL5024 BABY BLUE *		NEW! RAL6021 MINT*		NEW! RAL3015 PINK*		NEW! RAL1034 PEACH *
--	--------------------------------	--	--------------------------	--	--------------------------	--	----------------------------

EXCLUSIVE COLOURS

	NEW! TRUFFLE OAK		TURNER OAK*		BLACK WOODGRAIN
--	---------------------	--	-------------	--	--------------------

* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

DOUBLE-LEAF EXTERIOR DOORS



EXTERIOR DOORS – DOUBLE-LEAF

ACTIVE LEAF

| G



INACTIVE LEAVES

| 20-40 cm



| 41-92 cm



| 93-102 cm



ACTIVE LEAF

| T54



INACTIVE LEAVES

| 20-40 cm



| 41-92 cm



| 93-102 cm



ACTIVE LEAF

| G-A21



INACTIVE LEAVES

| 20-40 cm



| 41-92 cm

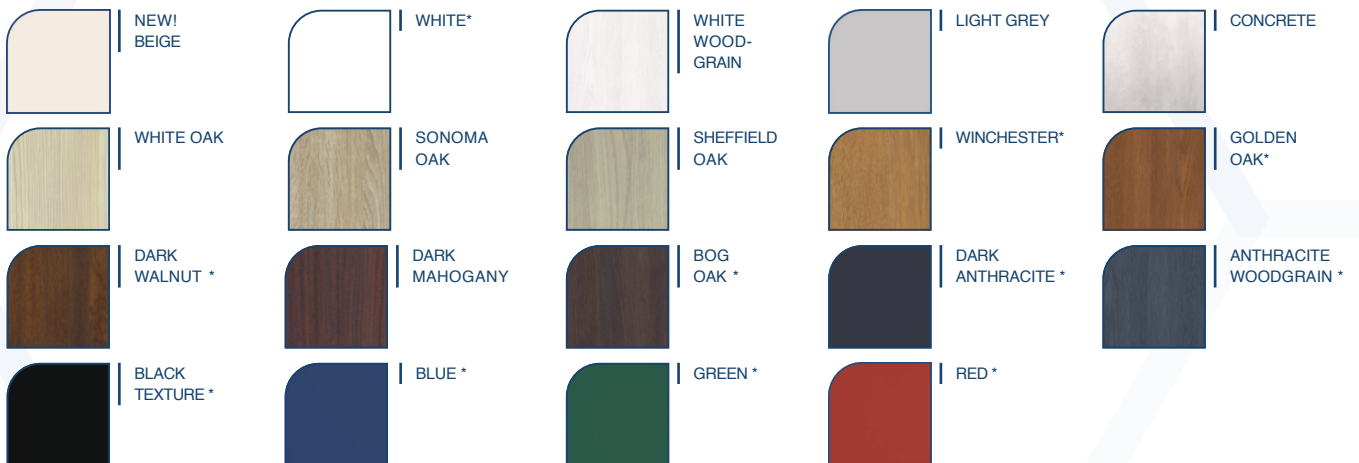


| 93-102 cm

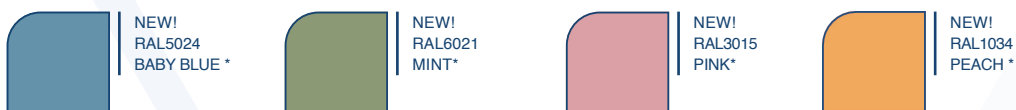


EMBOSSING AND GLAZING POSSIBLE ON INACTIVE LEAF WITH A MINIMUM WIDTH OF 350 MM

STANDARD COLOURS



PASTEL COLOURS FROM RAL PALETTE



EXCLUSIVE COLOURS



* DOORS IN SIZES 100E AND 100N ONLY AVAILABLE IN THE COLOURS INDICATED

EXTERIOR DOORS – DOUBLE-LEAF

ACTIVE LEAF

| G-S61



INACTIVE LEAVES

| 20-40 cm



| 41-92 cm



| 93-102 cm



EMBOSSING AND GLAZING POSSIBLE ON INACTIVE LEAF WITH A MINIMUM WIDTH OF 350 MM

EXTERIOR DOORS WITH FIXED LIGHT





AVAILABLE COLOURS FOR
ALUMINIUM DOOR FRAMES
AND FIXED LIGHT PROFILES



TURNER
OAK



WINCHESTER



GOLDEN
OAK



DARK
WALNUT



BOG OAK



DARK
ANTHRACITE



ANTHRACITE
WOODGRAIN

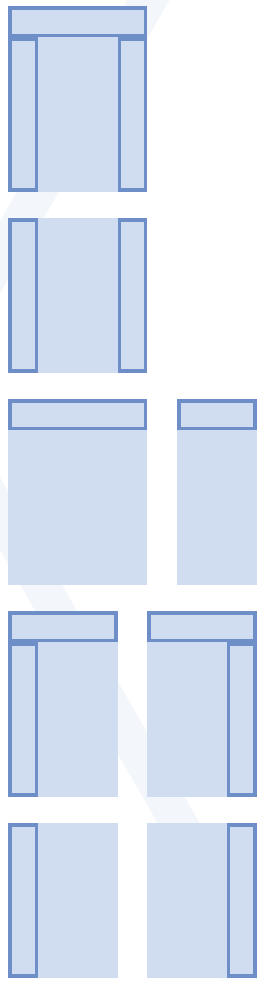


RAL 9016
WHITE



RAL 9005
BLACK

DESIGN OPTIONS

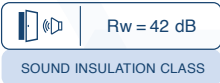


SECURITY DOORS

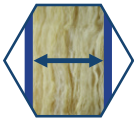
ANATOMY



SPARK 2 | EXTERIOR FIRE-RATED DOORS



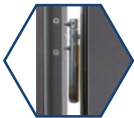
SOUND INSULATION CLASS



55 MM THICK LEAF WITH THREE-SIDED REBATE, WITH CONSTRUCTION BASED ON A SOLID WOODEN STILE, MADE OF 0.6 MM THICK GALVANISED LAMINATED SHEET METAL, FILLED WITH A FIRE-RESISTANT AND SOUND-ABSORBING INSERT BASED ON MINERAL WOOL, FITTED WITH TWO SEALS



THREE SECURITY BOLTS ON THE HINGE SIDE



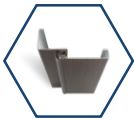
THREE Z5 THREE-PART HINGES, INCLUDING ONE SELF-CLOSING



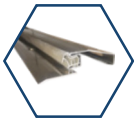
THREE-POINT LOCKING SYSTEM CONSISTING OF A FIVE-BOLT MAIN LOCK AND TWO THREE-BOLT SECONDARY LOCKS



THREE-BOLT TOP LOCK



STEEL FRAME MADE OF 1.5 MM GALVANISED SHEET METAL, LAMINATED IN THE SAME COLOUR AS THE LEAF, FITTED WITH A SEAL



STEEL THRESHOLD WITH SEAL



AXA ROYAL FLEX HANDLE

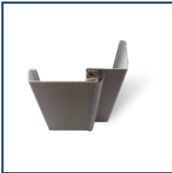


CLASS B CERTIFIED CYLINDER AND KNOB CYLINDER IN A MASTER KEY SYSTEM

AVAILABLE FRAME MODELS

AS STANDARD

FD-25/12



FD-25/21/B



AT EXTRA COST

FD-25/12 + moulding



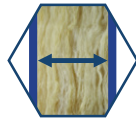
FD-25/12 + portal



SPARK 1 | EXTERIOR FIRE-RATED DOORS



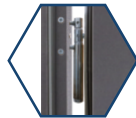
SOUND INSULATION CLASS



55 MM THICK LEAF WITH THREE-SIDED REBATE, WITH CONSTRUCTION BASED ON A SOLID WOODEN STILE, MADE OF 0.6 MM THICK GALVANISED LAMINATED SHEET METAL, FILLED WITH A FIRE-RESISTANT AND SOUND-ABSORBING INSERT BASED ON MINERAL WOOL, FITTED WITH TWO SEALS



THREE SECURITY BOLTS ON THE HINGE SIDE



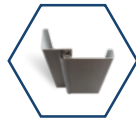
THREE Z5 THREE-PART HINGES, INCLUDING ONE SELF-CLOSING



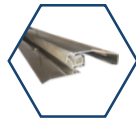
FIVE-BOLT MAIN LOCK



THREE-BOLT TOP LOCK



STEEL FRAME MADE OF 1.5 MM GALVANISED SHEET METAL, LAMINATED IN THE SAME COLOUR AS THE LEAF, FITTED WITH A SEAL



STEEL THRESHOLD WITH SEAL



AXA ROYAL FLEX HANDLE

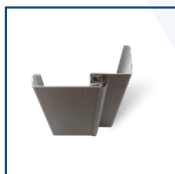


CLASS B CERTIFIED CYLINDER AND KNOB CYLINDER IN A MASTER KEY SYSTEM

AVAILABLE FRAME MODELS

AS STANDARD

FD-25/12



FD-25/21/B



AT EXTRA COST

FD-25/12
+ moulding



FD-25/12
+ portal



AMADEO
SOUNDPROOF

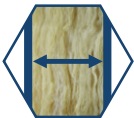
 RC 3

 MADE-TO-MEASURE

 Ud from 1.6 W/(m²K)

 Rw = 47 dB

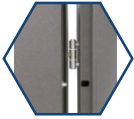
SOUND INSULATION CLASS



55 MM THICK LEAF WITH THREE-SIDED REBATE, WITH CONSTRUCTION BASED ON A SOLID WOODEN STILE, MADE OF 1.0 MM THICK GALVANISED LAMINATED SHEET METAL, FILLED WITH A SOUND-ABSORBING INSERT BASED ON MINERAL WOOL, FITTED WITH A SEAL



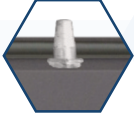
THREE SECURITY BOLTS ON THE HINGE SIDE



THREE Z5 THREE-PART HINGES



THREE-POINT LOCKING SYSTEM CONSISTING OF A FIVE-BOLT MAIN LOCK, A THREE-BOLT BOTTOM LOCK AND A VERTICAL BOLT



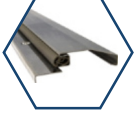
VERTICAL BOLT



THREE-BOLT TOP LOCK



STEEL FRAME
MADE OF 1.5 MM GALVANISED SHEET METAL, LAMINATED IN THE SAME COLOUR AS THE LEAF, FITTED WITH A SEAL



STEEL THRESHOLD WITH SEAL



AXA ROYAL FLEX HANDLE

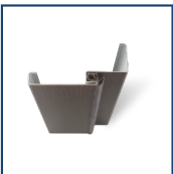


CLASS B CERTIFIED CYLINDER AND KNOB CYLINDER IN A MASTER KEY SYSTEM

AVAILABLE FRAME MODELS

AS STANDARD

FD-25/12



FD-25/21/B



FD-25/21/C



AT EXTRA COST

FD-25/12
+ moulding



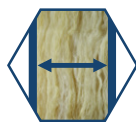
FD-25/12
+ portal



MOZART+ SOUNDPROOF



SOUND INSULATION CLASS



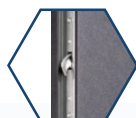
55 MM THICK LEAF WITH THREE-SIDED REBATE, WITH CONSTRUCTION BASED ON A SOLID WOODEN STILE, MADE OF 0.6 MM THICK GALVANISED LAMINATED SHEET METAL, FILLED WITH A SOUND-ABSORBING INSERT BASED ON MINERAL WOOL, FITTED WITH A SEAL



THREE SECURITY BOLTS ON THE HINGE SIDE



THREE Z5 THREE-PART HINGES



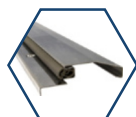
WINKHAUS MULTI-POINT HOOK LOCK



ADDITIONAL TOP LOCK



STEEL FRAME MADE OF 1.5 MM GALVANISED SHEET METAL, LAMINATED IN THE SAME COLOUR AS THE LEAF, FITTED WITH A SEAL



STEEL THRESHOLD WITH SEAL



AXA ROYAL FLEX HANDLE



CLASS B CERTIFIED CYLINDER AND KNOB CYLINDER IN A MASTER KEY SYSTEM

AVAILABLE FRAME MODELS

AS STANDARD

FD-25/12



FD-25/21/B



FD-25/21/C



AT EXTRA COST

FD-25/12
+ moulding



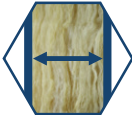
FD-25/12
+ portal



MOZART
SOUNDPROOF



SOUND INSULATION CLASS



55 MM THICK LEAF WITH THREE-SIDED REBATE, WITH CONSTRUCTION BASED ON A SOLID WOODEN STILE, MADE OF 0.6 MM THICK GALVANISED LAMINATED SHEET METAL, FILLED WITH A SOUND-ABSORBING INSERT BASED ON MINERAL WOOL, FITTED WITH A SEAL



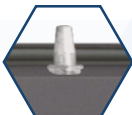
THREE SECURITY BOLTS ON THE HINGE SIDE



THREE Z5 THREE-PART HINGES



THREE-POINT LOCKING SYSTEM CONSISTING OF A FIVE-BOLT MAIN LOCK, A THREE-BOLT BOTTOM LOCK AND A VERTICAL BOLT



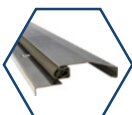
VERTICAL BOLT



THREE-BOLT TOP LOCK



STEEL FRAME MADE OF 1.5 MM GALVANISED SHEET METAL, LAMINATED IN THE SAME COLOUR AS THE LEAF, FITTED WITH A SEAL



STEEL THRESHOLD WITH SEAL



AXA ROYAL FLEX HANDLE



CLASS B CERTIFIED CYLINDER AND KNOB CYLINDER IN A MASTER KEY SYSTEM

AVAILABLE FRAME MODELS

AS STANDARD

FD-25/12



FD-25/21/B



FD-25/21/C



AT EXTRA COST

FD-25/12
+ moulding



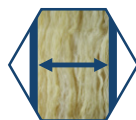
FD-25/12
+ portal



VERDI SOUNDPROOF



SOUND INSULATION CLASS



55 MM THICK LEAF WITH THREE-SIDED REBATE, WITH CONSTRUCTION BASED ON A SOLID WOODEN STILE, MADE OF 0.6 MM THICK GALVANISED LAMINATED SHEET METAL, FILLED WITH A SOUND-ABSORBING INSERT BASED ON MINERAL WOOL, FITTED WITH A SEAL



THREE SECURITY BOLTS ON THE HINGE SIDE



THREE Z5 THREE-PART HINGES



STRIKER PLATE WITH ADJUSTABLE CLOSING FORCE



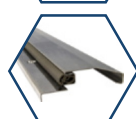
THREE-BOLT MAIN LOCK



THREE-BOLT TOP LOCK



STEEL FRAME
MADE OF 1.2 MM GALVANISED SHEET METAL, LAMINATED IN THE SAME COLOUR AS THE LEAF, FITTED WITH A SEAL



STEEL THRESHOLD WITH SEAL



STP-H/K2 HANDLE



CLASS B CERTIFIED
CYLINDER AND KNOB CYLINDER IN A MASTER KEY SYSTEM

AVAILABLE FRAME MODELS

AS STANDARD

FD-25/12



FD-25/21/B



FD-25/21/C



AT EXTRA COST

FD-25/12
+ moulding



FD-25/12
+ portal



BATORY 55

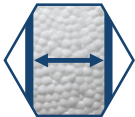
 RC 4

 MADE-TO-MEASURE

 Ud from 1.4 W/m²K

 Rw = 33 dB

SOUND INSULATION CLASS



55 MM THICK LEAF WITH THREE-SIDED REBATE, MADE OF 1.2 MM THICK GALVANISED LAMINATED SHEET METAL, FILLED WITH FOAMED POLYSTYRENE, FITTED WITH A SEAL



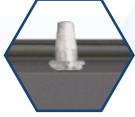
SIX SECURITY BOLTS ON THE HINGE SIDE



THREE Z5 THREE-PART HINGES



THREE-POINT LOCKING SYSTEM CONSISTING OF A FIVE-BOLT MAIN LOCK, A THREE-BOLT BOTTOM LOCK AND A VERTICAL BOLT



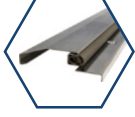
VERTICAL BOLT



THREE-BOLT TOP LOCK



STEEL FRAME MADE OF 1.5 MM GALVANISED SHEET METAL, LAMINATED IN THE SAME COLOUR AS THE LEAF, FITTED WITH A SEAL



STEEL THRESHOLD WITH SEAL



AXA TORONTO FLEX HANDLE

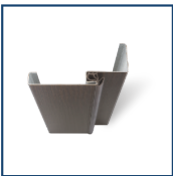


CLASS C CERTIFIED CYLINDER AND KNOB CYLINDER IN A MASTER KEY SYSTEM

AVAILABLE FRAME MODELS

AS STANDARD

FD-25/12



FD-25/21/B



FD-25/21/C



AT EXTRA COST

FD-25/12 + moulding



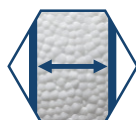
FD-25/12 + portal



HETMAN 55



SOUND INSULATION CLASS



55 MM THICK LEAF WITH THREE-SIDED REBATE,
MADE OF 0.6 MM THICK GALVANISED LAMINATED SHEET METAL, FILLED WITH FOAMED
POLYSTYRENE, FITTED WITH A SEAL



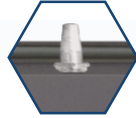
THREE SECURITY BOLTS ON THE HINGE SIDE



THREE Z5 THREE-PART HINGES



THREE-POINT LOCKING SYSTEM CONSISTING OF A FIVE-BOLT MAIN LOCK, A THREE-BOLT
BOTTOM LOCK AND A VERTICAL BOLT



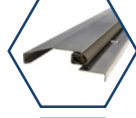
VERTICAL BOLT



THREE-BOLT TOP LOCK



STEEL FRAME
MADE OF 1.5 MM GALVANISED SHEET METAL,
LAMINATED IN THE SAME COLOUR AS THE LEAF,
FITTED WITH A SEAL



STEEL THRESHOLD WITH SEAL



AXA ROYAL FLEX HANDLE



CLASS B CERTIFIED
CYLINDER AND KNOB CYLINDER IN A MASTER KEY SYSTEM

AVAILABLE FRAME MODELS

AS STANDARD

FD-25/12



FD-25/21/B



FD-25/21/C



AT EXTRA COST

FD-25/12
+ moulding



FD-25/12
+ portal



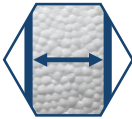
FD-25/21/P



SENATOR E EXTERIOR



SOUND INSULATION CLASS



55 MM THICK LEAF WITH THREE-SIDED REBATE, MADE OF 0.6 MM THICK GALVANISED LAMINATED SHEET METAL, FILLED WITH FOAMED POLYSTYRENE, FITTED WITH A SEAL



THREE SECURITY BOLTS ON THE HINGE SIDE



THREE Z5 THREE-PART HINGES



THREE-BOLT MAIN LOCK



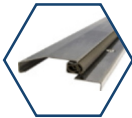
STRIKER PLATE WITH ADJUSTABLE CLOSING FORCE



THREE-BOLT TOP LOCK



STEEL FRAME MADE OF 1.2 MM GALVANISED SHEET METAL, LAMINATED IN THE SAME COLOUR AS THE LEAF, FITTED WITH A SEAL



STEEL THRESHOLD WITH SEAL



STP-H/K2 HANDLE

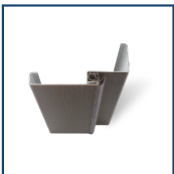


CLASS B CERTIFIED CYLINDER AND KNOB CYLINDER IN A MASTER KEY SYSTEM

AVAILABLE FRAME MODELS

AS STANDARD

FD-25/12



FD-25/21/B



FD-25/21/C



AT EXTRA COST

FD-25/12 + moulding













FD-25/12 + portal



STEEL & WOOD with 3D hinge



BURGLAR RESISTANCE CLASSIFICATION

DOOR CLASS	TOOLS USED DURING A BURGLARY		MINIMUM RESISTANCE TIME
	 RC 1		 not tested
	 RC 2		 3minutes
	 RC 3		 5minutes
	 RC 4		 10minutes

Without tools:

- attempting to break down the door with the shoulder or by kicking
- attempt to lift or rip out the lock

Attempted burglary using simple tools such as:

- screwdriver, pliers, wedge

Attempted burglary using other tools such as:

- crowbar, hammer, additional screwdriver, drift and mechanical drilling equipment

Attempted burglary using tools as above and:

- heavy hammer, saw, chisel, axe, as well as simple battery-powered devices

FIRE RESISTANCE RATING



EI30 – fire door marking indicating that the product provides protection against fire and heat for 36 minutes

SMOKE RATING



Sa S200 – doors marked with this symbol are equipped with special sealing systems to protect against the spread of smoke in the event of fire, and thus against poisoning by harmful combustion products

SECURITY DOORS

WITH EMBOSSING



SECURITYDOORS – WITH EMBOSSING

| G1 dark anthracite



| T01 light grey



	RC	RW	EI	UD
SENATOR E	2	28	X	1.3
HETMAN 55	3	29	X	1.3
BATORY 55	4	33	X	1.4
VERDI	2	42	X	1.4

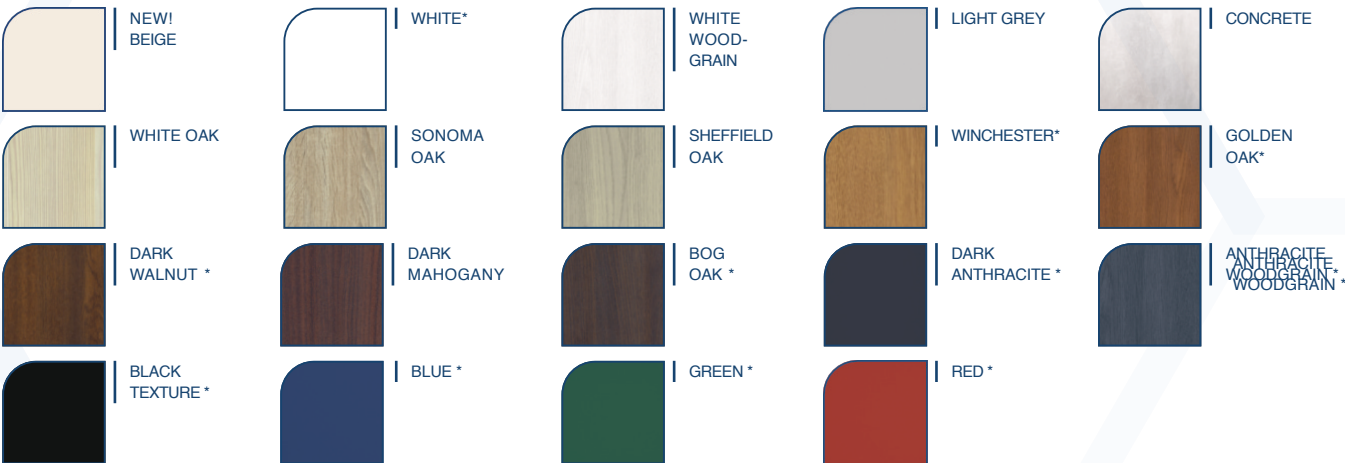
AVAILABLE SIZES:
80N, 80E, 90N, 90E, 100N, 100E

EXTRACHARGE FOR WIDTH 100

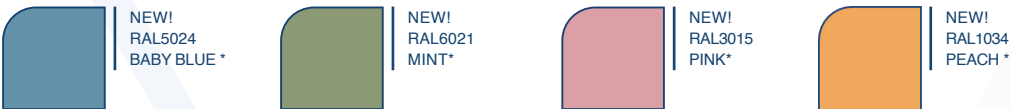
	RC	RW	EI	UD
MOZART	3	43	X	1.6
MOZART PLUS	3	43	X	1.6
AMADEO	3	47	X	1.6
SPARK I	2	37	30	X
SPARK II	3	42	30	X



STANDARD COLOURS



PASTEL COLOURS FROM RAL PALETTE



EXCLUSIVE COLOURS



* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

SECURITYDOORS – WITH EMBOSSING

T41 dark anthracite



T42 light grey



	RC	RW	EI	UD
SENATOR E	2	28	X	1.3
HETMAN 55	3	29	X	1.3
BATORY 55	X	X	X	X
VERDI	2	42	X	1.4

AVAILABLE SIZES:
80N, 80E, 90N, 90E, 100N, 100E

EXTRACHARGE FOR WIDTH 100

	RC	RW	EI	UD
MOZART	3	43	X	1.6
MOZART PLUS	3	43	X	1.6
AMADEO	X	X	X	X
SPARK I	2	37	30	X
SPARK II	3	42	30	X



T43 | green texture



T44 | golden oak



T45 | white oak

STANDARD COLOURS

	NEW! BEIGE		WHITE*		WHITE WOOD- GRAIN		LIGHT GREY		CONCRETE
	WHITE OAK		SONOMA OAK		SHEFFIELD OAK		WINCHESTER*		GOLDEN OAK*
	DARK WALNUT *		DARK MAHOGANY		BOG OAK *		DARK ANTHRACITE *		ANTHRACITE WOODGRAIN *
	BLACK TEXTURE *		BLUE *		GREEN *		RED *		

PASTEL COLOURS FROM RAL PALETTE

	NEW! RAL5024 BABY BLUE *		NEW! RAL6021 MINT*		NEW! RAL3015 PINK*		NEW! RAL1034 PEACH *
--	--------------------------------	--	--------------------------	--	--------------------------	--	----------------------------

EXCLUSIVE COLOURS

	NEW! TRUFFLE OAK		TURNER OAK*		BLACK WOODGRAIN
--	---------------------	--	-------------	--	--------------------

* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

SECURITYDOORS – WITH EMBOSSING

T46I dark anthracite



T47I light grey



	RC	RW	EI	UD
SENATOR E	2	28	X	1.3
HETMAN 55	3	29	X	1.3
BATORY 55	X	X	X	X
VERDI	2	42	X	1.4

AVAILABLE SIZES:
80N, 80E, 90N, 90E, 100N, 100E
EXTRACHARGE FOR WIDTH 100

	RC	RW	EI	UD
MOZART	3	43	X	1.6
MOZART PLUS	3	43	X	1.6
AMADEO	X	X	X	X
SPARK I	2	37	30	X
SPARK II	3	42	30	X



T48 | dark walnut



T49 | bog oak



T50 | white oak

STANDARD COLOURS

	NEW! BEIGE		WHITE*		WHITE WOOD- GRAIN		LIGHT GREY		CONCRETE
	WHITE OAK		SONOMA OAK		SHEFFIELD OAK		WINCHESTER*		GOLDEN OAK*
	DARK WALNUT *		DARK MAHOGANY		BOG OAK *		DARK ANTHRACITE *		ANTHRACITE WOODGRAIN *
	BLACK TEXTURE *		BLUE *		GREEN *		RED *		

PASTEL COLOURS FROM RAL PALETTE

	NEW! RAL5024 BABY BLUE *		NEW! RAL6021 MINT*		NEW! RAL3015 PINK*		NEW! RAL1034 PEACH *
--	--------------------------------	--	--------------------------	--	--------------------------	--	----------------------------

EXCLUSIVE COLOURS

	NEW! TRUFFLE OAK		TURNER OAK*		BLACK WOODGRAIN
--	---------------------	--	-------------	--	--------------------

* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

SECURITYDOORS – WITH EMBOSSING

T51 dark anthracite



T52 light grey



	RC	RW	EI	UD
SENATOR E	2	28	X	1.3
HETMAN 55	3	29	X	1.3
BATORY 55	X	X	X	X
VERDI	2	42	X	1.4

AVAILABLE SIZES:
80N, 80E, 90N, 90E, 100N, 100E
EXTRACHARGE FOR WIDTH 100

	RC	RW	EI	UD
MOZART	3	43	X	1.6
MOZART PLUS	3	43	X	1.6
AMADEO	X	X	X	X
SPARK I	2	37	30	X
SPARK II	3	42	30	X

T53 | red texture



T54 | turner oak



T58 | concrete



STANDARD COLOURS

	NEW! BEIGE		WHITE*		WHITE WOOD- GRAIN		LIGHT GREY		CONCRETE
	WHITE OAK		SONOMA OAK		SHEFFIELD OAK		WINCHESTER*		GOLDEN OAK*
	DARK WALNUT *		DARK MAHOGANY		BOG OAK *		DARK ANTHRACITE *		ANTHRACITE WOODGRAIN *
	BLACK TEXTURE *		BLUE *		GREEN *		RED *		

PASTEL COLOURS FROM RAL PALETTE

	NEW! RAL5024 BABY BLUE *		NEW! RAL6021 MINT*		NEW! RAL3015 PINK*		NEW! RAL1034 PEACH *
--	--------------------------------	--	--------------------------	--	--------------------------	--	----------------------------

EXCLUSIVE COLOURS

	NEW! TRUFFLE OAK		TURNER OAK*		BLACK WOODGRAIN
--	---------------------	--	-------------	--	--------------------

* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

T61 golden oak



T62 blue texture



T63 white woodgrain



STANDARD COLOURS

	NEW! BEIGE		WHITE*		WHITE WOOD- GRAIN		LIGHT GREY		CONCRETE
	WHITE OAK		SONOMA OAK		SHEFFIELD OAK		WINCHESTER*		GOLDEN OAK*
	DARK WALNUT *		DARK MAHOGANY		BOG OAK *		DARK ANTHRACITE *		ANTHRACITE WOODGRAIN *
	BLACK TEXTURE *		BLUE *		GREEN *		RED *		

PASTEL COLOURS FROM RAL PALETTE

	NEW! RAL5024 BABY BLUE *		NEW! RAL6021 MINT*		NEW! RAL3015 PINK*		NEW! RAL1034 PEACH *
--	--------------------------------	--	--------------------------	--	--------------------------	--	----------------------------

EXCLUSIVE COLOURS

	NEW! TRUFFLE OAK		TURNER OAK*		BLACK WOODGRAIN
--	---------------------	--	-------------	--	--------------------

* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

SECURITY DOORS

WITH DECORATIONS



NEW
3D TWO-SIDE
DECORATION
R01

AVAILABLE IN
WHITE AND BLACK
TEXTURE



R01 white texture



R01 black texture

DECORATION WIDTH:
NARROW DECORATION 14 MM
30 MM WIDE DECORATION

	RC	RW	EI	UD
SENATOR E	2	28	X	1.3
HETMAN 55	3	29	X	1.3
BATORY 55	4	33	X	1.4
VERDI	2	42	X	1.4

AVAILABLE SIZES:
80N, 80E, 90N, 90E, 100N, 100E
EXTRACHARGE FOR WIDTH 100

	RC	RW	EI	UD
MOZART	3	43	X	1.6
MOZART PLUS	3	43	X	1.6
AMADEO	3	47	X	1.6
SPARK I	2	37	30	X
SPARK II	3	42	30	X



STANDARD COLOURS

	NEW! BEIGE		WHITE*		WHITE WOOD- GRAIN		LIGHT GREY		CONCRETE
	WHITE OAK		SONOMA OAK		SHEFFIELD OAK		WINCHESTER*		GOLDEN OAK*
	DARK WALNUT *		DARK MAHOGANY		BOG OAK *		DARK ANTHRACITE *		ANTHRACITE WOODGRAIN *
	BLACK TEXTURE *		BLUE *		GREEN *		RED *		

PASTEL COLOURS FROM RAL PALETTE

	NEW! RAL5024 BABY BLUE *		NEW! RAL6021 MINT*		NEW! RAL3015 PINK*		NEW! RAL1034 PEACH *
--	--------------------------------	--	--------------------------	--	--------------------------	--	----------------------------

EXCLUSIVE COLOURS

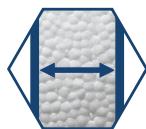
	NEW! TRUFFLE OAK		TURNER OAK*		BLACK WOODGRAIN
--	---------------------	--	-------------	--	--------------------

* DOORS IN SIZES 100E AND 100N ONLY
AVAILABLE IN THE COLOURS INDICATED

UTILITY DOORS



UTILITY DOORS – ANATOMY



40 MM THICK LEAF WITH THREE-SIDED REBATE,
MADE OF 0.5 MM THICK GALVANISED PAINTED SHEET METAL,
FILLED WITH FOAMED POLYSTYRENE



Z2 PLATE HINGE



BOTTOM LOCK



STEEL FRAME WITH FD-25/21/N/O PROFILE MADE OF 1.2MM SHEET
PAINTED IN THE SAME COLOUR AS THE LEAF



SAFETY HANDLE



KEY-KEY CYLINDER

OPTIONS AT EXTRA CHARGE

DOORFRAMES

FD-21/N



FD-21/C



FD-21/B



FD-22



THRESHOLDS

21/N - STEEL



21/B/C



AIRVENT GRILLES

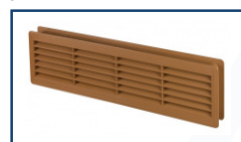
AIRVENT
GRILLE
PVC WHITE



AIRVENT
GRILLE
PVC GREY



AIRVENT
GRILLE
PVC BROWN



AIRVENT
GRILLE
PVC BLACK



AIRVENT
GRILLE
INOX



AIRVENT SLEEVES

AIRVENT
SLEEVE
WHITE



AIRVENT
SLEEVE
GREY



AIRVENT
SLEEVE
BROWN



AIRVENT
SLEEVE
BLACK



SOLID UTILITY DOORS



| G-RAL 7016



| G-RAL 9010



| RAL 8017



| G-RAL 7035

AVAILABLE COLOURS



| RAL 9010
WHITE



| RAL 7035
GREY



| RAL 8017
BROWN



| RAL 7016
ANTHRACITE

UTILITY DOOR MODELS

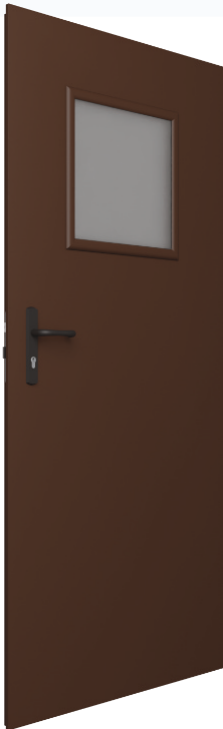
GLAZED UTILITY DOORS



G-ST 1
RAL 7035



G - ST 2
RAL 7016



G - ST 3
RAL 8017

UTILITY DOORS WITH PANELS



G - RAL 8017
CENTRE PANEL
AND
BOTTOM PANEL
WITH INTEGRATED
AIRVENT GRILLE



G - RAL 7016
PANEL
AND
BOTTOM PANEL



G - RAL 9010
BOTTOM PANEL

SECTIONAL GARAGE DOORS



SECTIONAL GARAGE DOORS



Sectional garage doors are used in single- and multi-family housing. The individual tastes of our customers are reflected in the customised products made to order. Well-chosen colours of high-quality door panels and a wide selection of external door laminates allow for the creation of well-composed colour sets that highlight the house.

For convenience of use, garage doors can be fitted with an automatic operator. Our offer includes door automation systems from leading manufacturers: Somfy and TenPilot.



DOORS | SAFE USE AS STANDARD

- Safety mechanism to prevent the door from falling down in case of spring failure
- Panels with safety lock to prevent accidental finger trapping
- Profiled guides to prevent rollers from falling out
- Omega trapezoidal reinforcement to prevent bending for panels of 5 metres in length and longer
- An amperometric obstacle detection system is used to detect possible obstacles that may appear in the door's path. With this function, when an obstacle is encountered, the actuator stops the door and changes its direction of movement

STANDARD EQUIPMENT

- Door leaf made of 40 mm thick panels filled with polyurethane foam made of galvanised steel sheet
- Load-bearing frame angles and guides made of 2 mm thick galvanised steel profiles
- Front torsion springs with standard 15,000 cycles
- Centre and side hinges made of galvanised sheet steel

Lock, handle, bracket, operator and bolt are added to the order on request.

THERMAL TRANSMITTANCE

The panels used to manufacture our doors are distinguished by a thermal insulation parameter of $U_d = 0.74 \text{ W}/(\text{m}^2 \cdot \text{K})$. A table of door thermal transmittance parameters for the various dimensions can be found on pages 144-147.



SECTIONAL GARAGE DOORS

PANEL WITHOUT EMBOSSING









DOOR IN WINCHESTER | SLICK



DOOR IN DARK ANTHRACITE | SLICK

AVAILABLE COLOURS



-  | WINCHESTER
-  | GOLDEN OAK
-  | DARK WALNUT
-  | BOH OAK
-  | DARK ANTHRACITE
-  | ANTHRACITE WOODGRAIN

PANEL WITH NARROW EMBOSSING



DOOR IN WHITE | WOODGRAIN

AVAILABLE COLOURS

-  | WHITE WOODGRAIN
-  | BROWN WOODGRAIN

PANEL WITH WIDE EMBOSSING



AVAILABLE COLOURS



GOLDEN OAK



DARK WALNUT

DOOR IN GOLDEN OAK | SLICK

COLOURS AVAILABLE IN SLICK TEXTURE



WINCHESTER



GOLDEN OAK



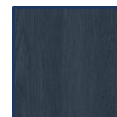
DARK WALNUT



BOG OAK



DARK ANTHRACITE



ANTHRACITE
WOODGRAIN

COLOURS AVAILABLE IN WOODGRAIN STRUCTURE

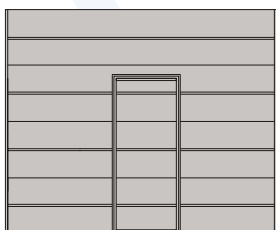


WHITE

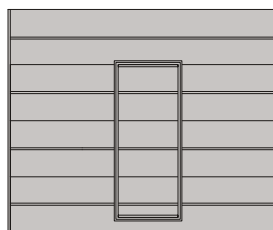


BROWN

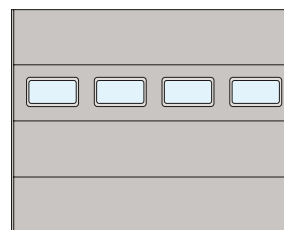
ADDITIONAL DESIGN OPTIONS



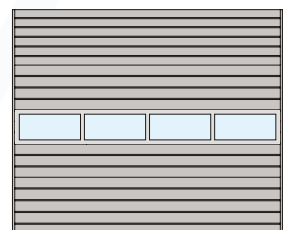
DOOR WITH WICKET DOOR
AND LOW THRESHOLD



DOOR WITH WICKET DOOR
AND HIGH THRESHOLD



PANEL WITH WINDOWS



PANEL WITH ALUMINIUM
SECTION

SECTIONAL GARAGEDOORS – SOMFY DOOR AUTOMATION

SOMFY DOOR AUTOMATION

Somfy – the world's leading manufacturer of door automation. All Somfy products are tested under the most demanding conditions, which results in durability and reliability. Somfy operators are fitted with a chain as standard, which can be replaced with a Kevlarbelt when ordering.

SOMFY DEXXO OPTIMO

Perfect for sectional doors with a maximum surface area of up to 10 m².

SOMFY DEXXO OPTIMO RTS		
124V MOTORWITH INTEGRATED CONTROL UNITAND RTSRADIO RECEIVER		
GUIDEFOR800 N OPERATOR WITH CHAIN	2.9 M TESTEDFOR36,500 CYCLES	
	3.5 M TESTEDFOR36,500 CYCLES	
1SOMFY KEYTIS2 CHANNEL REMOTECONTROL		



Are you just starting out with new technology and are not yet sure what home appliances you might want to operate using an app? Choose TaHoma and a Smart IO operator to start by managing the door from your smartphone, and then there will be nothing to stop you managing the central heating, roller shutters or lighting.

SOMFY DEXXO PRO

Designed for door with a surface area of up to 15 m².

SOMFY DEXXO PRO		
124V MOTORWITH INTEGRATED CONTROL UNITAND RTSRADIO RECEIVER		
GUIDEFOR1000 N OPERATOR WITH CHAIN	2.9 M TESTEDFOR36,500 CYCLES	
	3.5 M TESTEDFOR36,500 CYCLES	
2 SOMFY KEYGORTS4-CHANNEL REMOTECONTROLS		



TENPILOT DOOR AUTOMATION

A new addition to the range of Stalprodukt-Zamość brand TENPILOT gate operators offer the best value for money. The operators feature Kevlar belt drive, thanks to which the actuators operate extremely quietly and smoothly. The Kevlar belt is reinforced with three or four (depending on the model) steel cables. Two basic actuator models are produced: ARC600N and UNIVERSAL1000N Speed.

ARC600N

Designed for door with a surface area of up to 11 m².

ARC600N			
124V MOTORWITH BUILT-IN ENCODERAND RECEIVER			
3-PART GUIDEFORBELT DRIVE	FORDOORHEIGHTSUPTO 2.3 M		
	FORDOORHEIGHTSUPTO 3.0 M		
2 X PILOT 4-KANAŁOWYTP14			



UNIVERSAL 1000N SPEED

Perfect for sectional doors with a maximum surface area of up to 22 m².

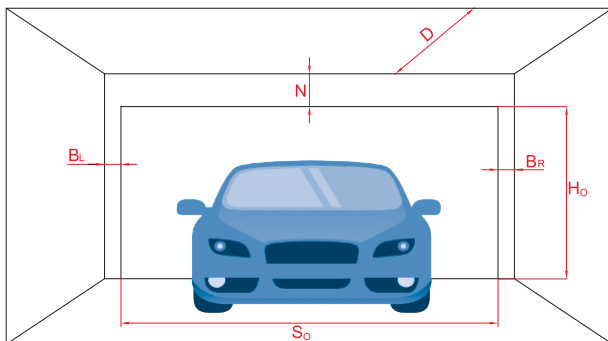
UNIVERSAL1000N Speed			
124V MOTORWITH BUILT-IN ENCODERAND RECEIVER			
3-PART GUIDEFORBELT DRIVE	FORDOORHEIGHTSUPTO 2.3 M		
	FORDOORHEIGHTSUPTO 3.0 M		
2 X PILOT3-KANAŁOWYTP02			



SECTIONAL GARAGEDOORS – TECHNICAL INFORMATION

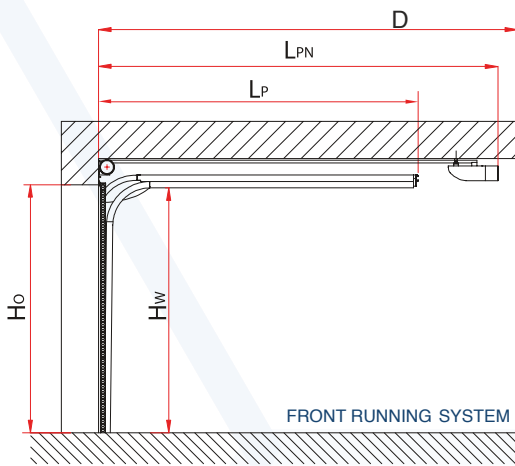
DIMENSION TABLE FOR SECTIONAL GARAGEDOORS

OPENING WIDTH, ORDERDIMENSION		So	
OPENING HEIGHT, ORDERDIMENSION		Ho	
ENTRY CLEARANCEHEIGHT		Hw	Ho - 150 mm
ENTRY CLEARANCEWIDTH		Sw	So
MINIMUM REQUIREDLINTEL HEIGHT		N	
FRONT RUNNING SYSTEM, SPRINGSAT THE FRONT (ON THE LINTEL)	MANUALLY OPERATEDDOOR	N	200 mm
	AUTOMATICDOOR	N	
REARRUNNING SYSTEM, SPRINGSAT THE BACK	MANUALLY OPERATEDDOOR	N	100 mm
	AUTOMATICDOOR	N	150 mm
MINIMUM ROOM DEPTH WITH FREESPACEUNDERTHE CEILING		D	Lpn + 100 mm
MINIMUM WIDTH OFTHE LEFT SIDESPACE		Bl	80 mm
MINIMUM WIDTH OFTHE RIGHT SIDESPACE		Br	80 mm
LENGTH OF THE DOORTRACK		Lp	Ho +460 mm
LENGTH OF THE OPERATORTRACK		Lpn	3600 or 3900 mm

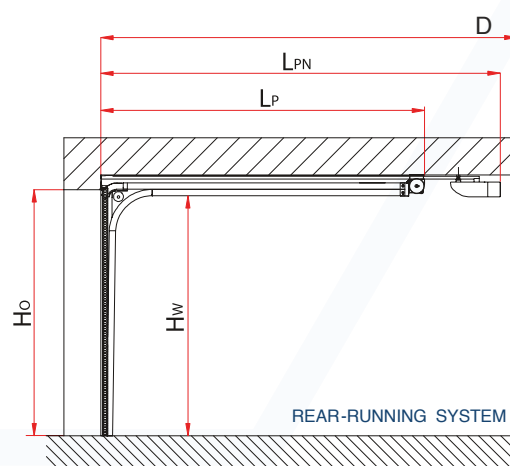


Ho - opening height
 So - opening width
 N - minimum required lintel height
 D - minimum room depth with free space under the ceiling
 Br - minimum width of the right sidespace
 Bl - minimum width of the left sidespace

AS STANDARD



AT EXTRA COST



INDUSTRIAL SECTIONAL DOORS



INDUSTRIAL SECTIONAL DOORS

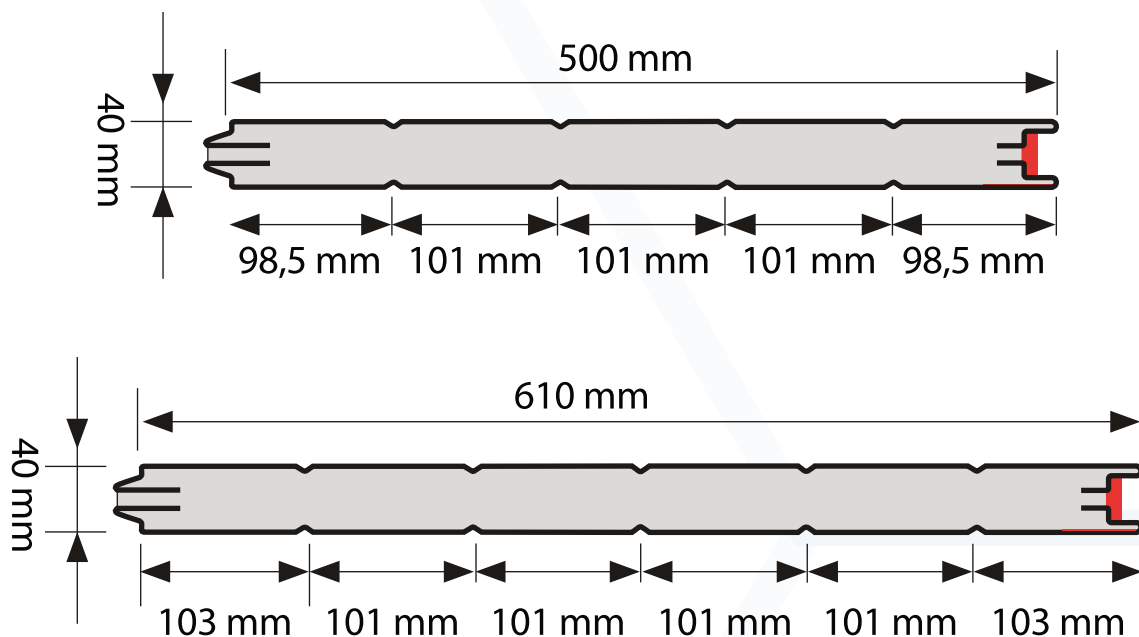
Industrial sectional doors are used in multi-family residential buildings, public buildings and industrial facilities. Due to their purpose and specific use, industrial doors can be fitted with windows, aluminium panels, ventilated panels or wicket doors. For convenience of use, industrial doors can be fitted with GfA Elektromaten and Beninca operators.

INDUSTRIAL SECTIONAL DOORS | ANATOMY

Standard equipment:

- Door leaf made of 40 mm thick panels filled with polyurethane foam made of galvanised steel sheet
- Load-bearing frame angles and guides made of 2 mm thick galvanised steel profiles
- Torsion springs at the front

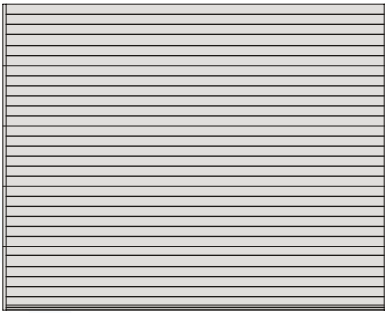
Lock, handle, bracket, operator and bolt are added to the order on request.



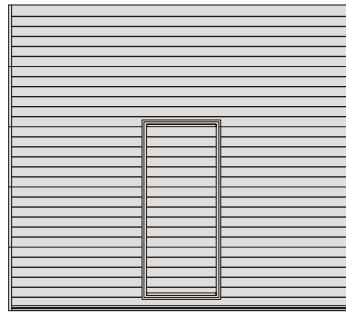
INDUSTRIAL SECTIONAL DOORS | AVAILABLE STANDARD VARNISH RAL COLOURS



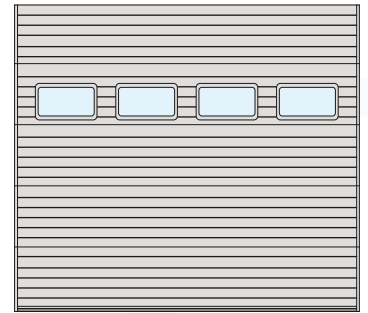
INDUSTRIAL SECTIONAL DOORS – EXAMPLES



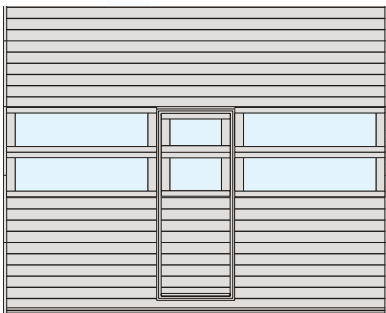
DOOR WITH NARROW
EMBOSSING



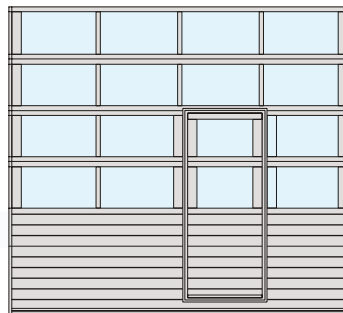
DOOR WITH WICKETDOOR



DOOR WITH WINDOWS



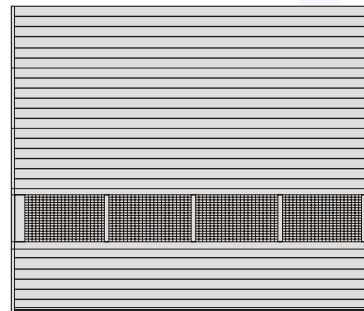
DOORS WITH WICKET DOORS AND PANELS WITH ALUMINIUM GLAZED
SECTION



DOOR WITH ALUMINIUM
GLAZED SECTION PANELS



DOOR WITH AIR VENT GRILLES



VENTILATED PANEL DOOR



INDUSTRIAL SECTIONAL DOORS – TYPES OF RUNNING SYSTEMS

INDUSTRIAL DOOR DIMENSIONING TABLE

	STANDARD RUNNING SYSTEM	STANDARD HIGH LIFT RUNNING SYSTEM	BOTTOM-RUNNING SYSTEM	INCLINED TRACK SYSTEM	INCLINED HIGH LIFT TRACK SYSTEM	VERTICAL LIFT WITH SHAFT AT THE LINTEL HEIGHT
Pp	+	+		+	+	
Pt			+			
Sw	So	So	So	So	So	So
Hw	Ho	Ho	Ho - 35 ¹ , Ho - 135 ²	Ho	Ho	Ho
N	420 mm	420 mm + N	200 mm [Nr] 300 mm [Na]	420 mm	420 mm + N	Ho + 300 mm
Br, Bl	80 mm	80 mm	80 mm	80 mm	80 mm	80 mm
B1	250 mm	250 mm	250 mm	250 mm	250 mm	250 mm
B2	350 mm	350 mm	350 mm	350 mm	350 mm	350 mm
D	Ho + 650 mm	Ho - N + 650 mm	Ho + 1100 mm	α	α	

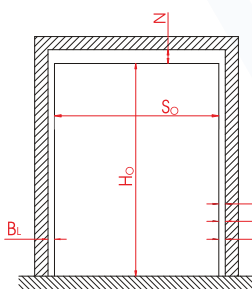
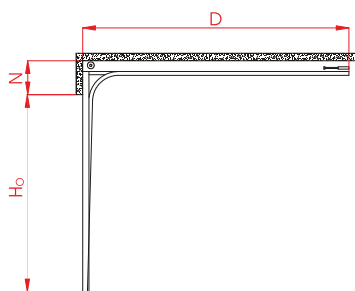
¹for manual doors

²for automatic doors

- Pp - front running system, springs at the front of the door
 Pt - rear running system, springs at the back of the door
 So - opening width, order dimension
 Ho - opening height, order dimension
 Sw - entry clearance width
 Hw - entry clearance height
 N - minimum lintel height
 Nr - minimum height for manually operated doors

- Na - minimum height for automatic doors
 D - minimum room depth with free space under the ceiling
 Br - minimum width of the right side space
 Bl - minimum width of the left side space
 B1 - minimum width of side space for doors with traction hoist
 B2 - minimum width of side space for automatic doors
 α - roof pitch

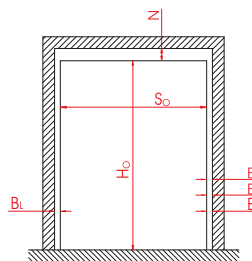
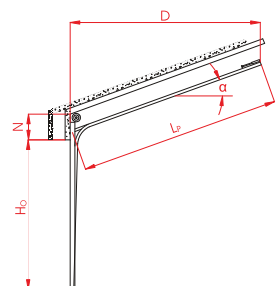
STANDARD RUNNING SYSTEM



VIEW FROM INSIDE



INCLINED TRACK SYSTEM

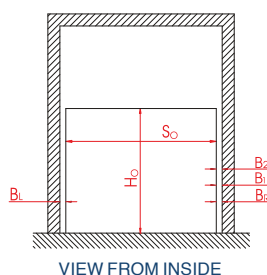
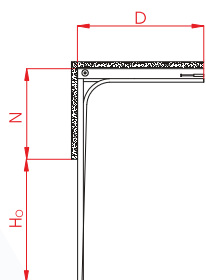


VIEW FROM INSIDE



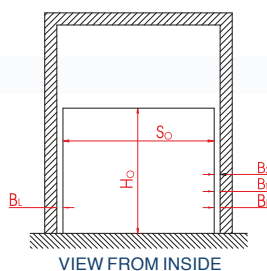
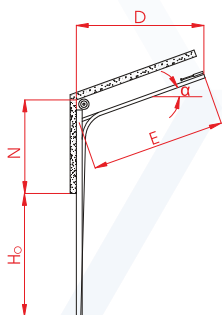
INDUSTRIAL SECTIONAL DOORS – TYPES OF RUNNING SYSTEMS

STANDARD HIGH LIFT RUNNING SYSTEM



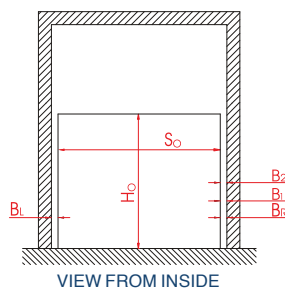
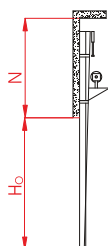
VIEW FROM INSIDE

INCLINED HIGH LIFT TRACK SYSTEM



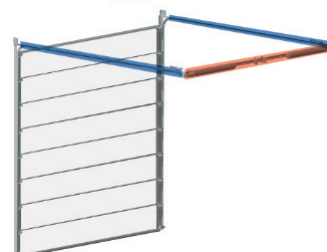
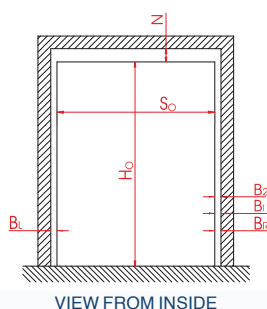
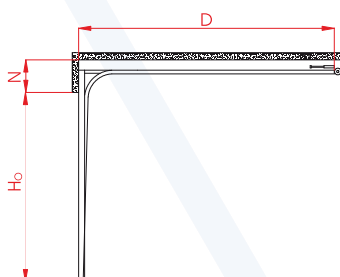
VIEW FROM INSIDE

VERTICAL LIFT [SHAFT AT THE LINTEL HEIGHT]



VIEW FROM INSIDE

REAR BOTTOM-RUNNING SYSTEM



VIEW FROM INSIDE

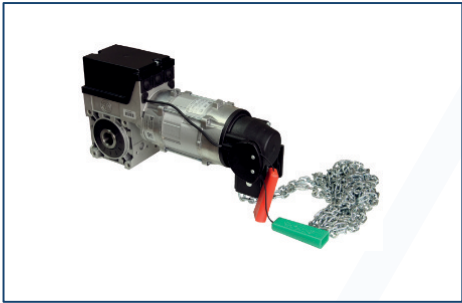


The GfA Elektromaten’s operator is mounted on an operator shaft, fixed to the lintel. Side locking using a micro switch (accessory table) can be used.

When ordering an operator that complies with the available guide dimension table, the ordered set includes:

GfA	OPERATOR TYPE		
	SE 5	SE 9	SE 14
DOOR SURFACE	up to 16m² So up to 5000 mm Ho up to 5000 mm	up to 26 m²	over 26 m²
STANDARD EQUIPMENT	<ul style="list-style-type: none">■ TS-970 CONTROL UNIT: UP-STOP-DOWN [AUTOMATIC]■ 3N ~ 400 V POWER SUPPLY■ ELECTRONIC LIMIT SWITCH ACCESSIBLE FROM OPERATOR LEVEL■ OPTICAL SAFETY EDGE STRIP FOR THE BOTTOM EDGE OF THE DOOR: TRANSMITTER + RECEIVER■ EMERGENCY MANUAL OVERRIDE TYPE SK WITH CHAIN		

GfA ELECTROMATEN OPERATORS



DOOR CONTROLLER
TS-970

OPERATOR
GfA ELEKTROMATEN



A new addition to our product range are Beninca's Italian industrial door operators.

The Jack.24 model is characterised by:

- compact size (11cm wide), which allows quick and easy installation even in limited space
- ideal for the automation of large doors (up to 35 m²) or when intensive use is required
- an encoder guarantees maximum safety and precision during door movements
- built-in STC system for precise torque management
- guaranteed operation even in the event of a power failure thanks to rechargeable batteries that can be perfectly integrated in the motor (2 rechargeable batteries 1.2Ah)
- integrated battery charging card
- anti-crushing system with amperometric obstacle detection
- integrated quick release system for manual operation



JACK.24 AVAILABLE IN TWO VERSIONS:

BENINCA	OPERATOR TYPE	
	JACK24.50	JACK24.80
DOOR SURFACE	up to 20 m ²	up to 35 m ²
TORQUE	50 Nm	80 Nm

ACCESSORIES



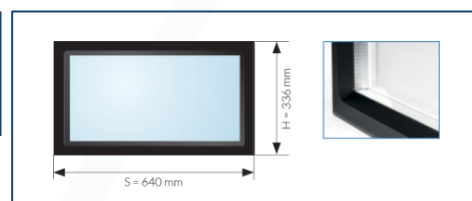
CHAIN
TRANSMISSION

PVC AIR VENT GRILLE,
COLOURS: WHITE, GREY,
BROWN, BLACK



PANEL
WITH ALUMINIUM
SECTION

WINDOW IN
PVC FRAME



ALUMINIUM JOINERY



ALUMINIUM JOINERY

Aluminium is ideal for the construction of spatial structures, both interior and exterior, which are extremely functional, lightweight, durable and resistant to external factors. Combined with glass, they give the building character and a modern look.

Lux Security Doors manufactures a wide range of aluminium joinery, including:

- doors (including automatic doors, HS-type sliding doors, escape doors, automatic smoke venting doors, fresh air doors)
- Aluprof system fire doors MB 60EI, 78EI, 86EI, 118EI
- windows
- partition walls, partitions, office cubicles
- façades
- windbreaks
- conservatories
- pergolas.

We handle both projects and individual customer enquiries.

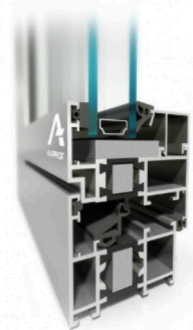
We offer support from counselling through valuation and design up to and including installation.

In our implementations, we use aluminium systems from well-known and respected manufacturers, Procural and Aluprof.



ALUPROF SYSTEMS

Aluprof SA is a member of Grupa Kęty SA Capital Group. The company is one of the leading manufacturers of aluminium systems in Europe. Aluprof aluminium systems allow the construction of many different types of windows and doors, depending on the scope of application and specific requirements regarding functionality, aesthetics, thermal insulation, burglary resistance, smoke tightness or fire resistance.

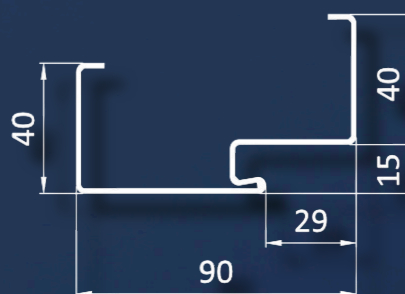
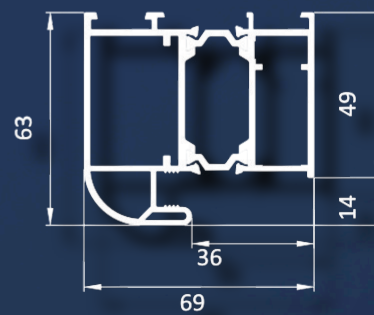
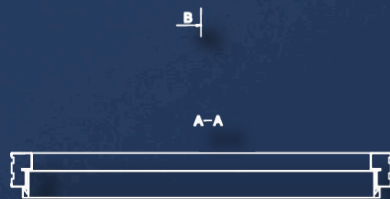
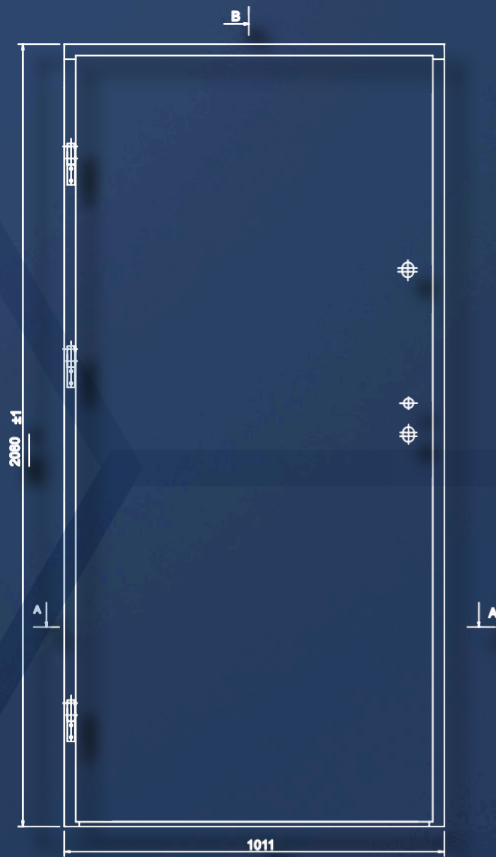


PROCURAL SYSTEMS

Procural is a manufacturer and one of the largest suppliers of aluminium systems in the world. The systems produced by Procural have the necessary approvals for use in the construction industry, and the Procural Group's paintshops and anodising facilities are among the largest in Europe. They hold Qualicoat quality certificates for powder coating and Qualanod for anodising.



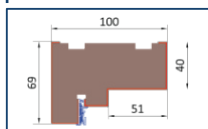
TECHNICAL INFORMATION




TECHNICAL INFORMATION – DOOR FRAME MODELS AND SIZES

DOOR FRAMES FOR 101 MM THICK DOORS | MASTER THERM

STEEL & WOOD

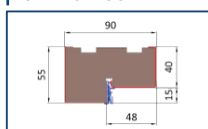


					FRAMEHEIGHT WITH FINISHED FLOOR	TOTAL FRAMEWIDTH
SZEROKOŚĆ	LEAFHEIGHT AT REBATE Hw [mm]	LEAFWIDTH AT REBATE Sw [mm]	CLEARFRAMEHEIGHT Hp [mm]*	CLEARFRAMEWIDTH Sp [mm]	STEEL& WOOD	
					Ho =Hc	So = Sc
80E	2021	849	2001	801	2090	940
INSTALLATION OPENINGSIZE					2100	960
90E	2021	949	2001	901	2090	1040
INSTALLATION OPENINGSIZE					2100	1060
100E	2021	1049	2001	1001	2090	1140
INSTALLATION OPENINGSIZE					2100	1160

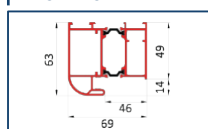
* clear height of the frame is given for the dedicated thresholds for each frame: steel for steel frames, aluminium for steel & wood and aluminium frames

DOOR FRAMES FOR 72 MM THICK DOORS | ECOTHERM

STEEL & WOOD



ALUMINIUM

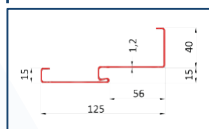


					FRAMEHEIGHT WITH FINISHED FLOOR		TOTAL FRAMEWIDTH	
SZEROKOŚĆ	LEAFHEIGHT AT REBATE Hw [mm]	LEAFWIDTH AT REBATE Sw [mm]	CLEARFRAME HEIGHT Hp [mm]*	CLEARFRAME WIDTH Sp [mm]	STEEL& WOOD	ALUMINIUM	STEEL& WOOD	ALUMINIUM
					Ho=Hc	Ho=Hc	So=Sc	So=Sc
80N	2012	785	2005	764	2085	2090	884	893
INSTALLATION OPENINGSIZE					2095	2100	905	915
80 E	2024	821	2005	801	2085	2090	921	930
INSTALLATION OPENINGSIZE					2095	2100	940	950
90 N	2012	885	2005	864	2085	2090	984	993
INSTALLATION OPENINGSIZE					2095	2100	1005	1015
90 E	2024	921	2005	901	2085	2090	1021	1030
INSTALLATION OPENINGSIZE					2095	2100	1040	1050
100 N	2012	985	2005	964	2085	2090	1084	1093
INSTALLATION OPENINGSIZE					2095	2100	1105	1115
100 E	2024	1021	2005	1001	2085	2090	1121	1130
INSTALLATION OPENINGSIZE					2095	2100	1140	1150

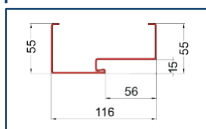
* clear height of the frame is given for the dedicated thresholds for each frame: steel for steel frames, aluminium for steel & wood and aluminium frames

DOOR FRAMES FOR 85 MM THICK DOORS

FD-25/12



FD-25/21/B

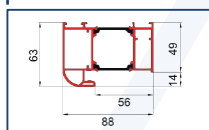


SZEROKOŚĆ	LEAFHEIGHT AT REBATE Hw [mm]	LEAFWIDTH AT REBATE Sw [mm]	CLEARFRAME HEIGHT Hp [mm]*	CLEARFRAME WIDTH Sp [mm]	FD-25/12		FD-25/21/B	FD-25/12		FD-25/21/B
					A STEELTHRESHOLD ISDEDICATED TO THEFRAMES					
					Ho	Hc	Ho=Hc	So**	Sc	So=Sc
80N	2024	785	2002	764	2040	2080	2080	794	874	874
INSTALLATION OPENINGSIZE					2050		2090	815		885
80 E	2024	821	2002	801	2040	2080	2080	831	911	911
INSTALLATION OPENINGSIZE					2050		2090	850		930
90 N	2024	885	2002	864	2040	2080	2080	894	974	974
INSTALLATION OPENINGSIZE					2050		2090	915		995
90 E	2024	921	2002	901	2040	2080	2080	931	1011	1011
INSTALLATION OPENINGSIZE					2050		2090	950		1030

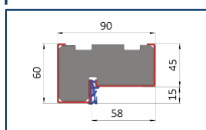
If the hinge cup and lock hole cover do not fit in the wall opening clearance, a cut-out is required.
* clear height of the frame is given for the dedicated thresholds for each frame: steel for steel frames, aluminium for steel & wood and aluminium frames

** if the frame width does not include the hinge cup and the cover for the locking holes, a spot cut-out is required

ALUMINIUM

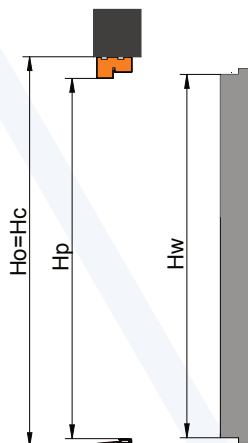


STEEL & WOOD

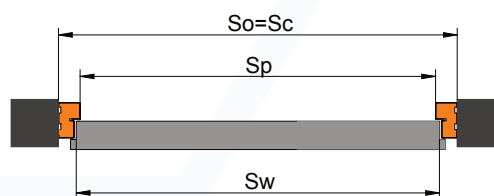


SZEROKOŚĆ	LEAFHEIGHT AT REBATE Hw [mm]	LEAFWIDTH AT REBATE Sw [mm]	CLEARFRAME HEIGHT Hp [mm]*	CLEARFRAME WIDTH Sp [mm]	FRAMEHEIGHT WITH FINISHED FLOOR		TOTAL FRAMEWIDTH	
					ALUMINIUM	STEEL & WOOD	ALUMINIUM	STEEL & WOOD
					A THRESHOLD WITH THERMAL BREAK IS DEDICATED TO THE FRAMES			
					Ho=Hc	Ho=Hc	So=Sc	So=Sc
80 N	2024	785	2005	764	2090	2085	893	884
INSTALLATION OPENINGSIZE					2100		915	905
80 E	2024	821	2005	801	2090	2085	930	921
INSTALLATION OPENINGSIZE					2100		950	940
90 N	2024	885	2005	864	2090	2085	993	984
INSTALLATION OPENINGSIZE					2100		1015	1005
90 E	2024	921	2005	901	2090	2085	1030	1021
INSTALLATION OPENINGSIZE					2100		1050	1040

If the hinge cup and lock hole cover do not fit in the wall opening clearance, a cut-out is required.
* clear height of the frame is given for the dedicated thresholds for each frame: steel for steel frames, aluminium for steel & wood and aluminium frames



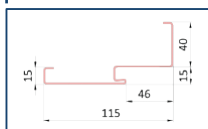
Ho [mm] - frame height in the installation opening clearance
Hp [mm] - clear frame height
Hc [mm] - total frame height
Hw [mm] - leaf height at the rebate
So [mm] - frame width in the installation opening clearance
Sp [mm] - clear frame width
Sc [mm] - total frame width
Sw [mm] - leaf width at the rebate



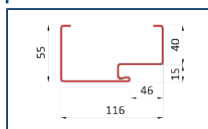
TECHNICAL INFORMATION – DOOR FRAME MODELS AND SIZES

DOOR FRAMES FOR 72 MM THICK DOORS

FD-25/12



FD-21/B | FD-25/21/B

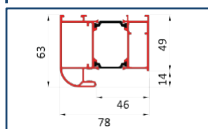


					FRAMEHEIGHT WITH FINISHED FLOOR		TOTAL FRAMEWIDTH			
SZEROKOŚĆ	LEAFHEIGHT AT REBATE Hw [mm]	LEAFWIDTH AT REBATE Sw [mm]	CLEARFRAME HEIGHT Hp [mm]*	CLEARFRAME WIDTH Sp [mm]	FD-25/12		FD-21/B FD-25/21/B	FD-25/12		FD-21/B FD-25/21/B
					A STEELTHRESHOLD ISDEDICATED TO THEFRAMES					
					Ho	Hc	Ho=Hc	So**	Sc	So=Sc
80 N	2024	785	2002	764	2040	2080	2080	794	874	874
INSTALLATION OPENINGSIZE					2050		2090	815		885
80 E	2024	821	2002	801	2040	2080	2080	831	911	911
INSTALLATION OPENINGSIZE					2050		2090	850		930
90 N	2024	885	2002	864	2040	2080	2080	894	974	974
INSTALLATION OPENINGSIZE					2050		2090	915		995
90 E	2024	921	2002	901	2040	2080	2080	931	1011	1011
INSTALLATION OPENINGSIZE					2050		2090	950		1030
100 N	2024	985	2002	964	2040	2080	2080	994	1074	1074
INSTALLATION OPENINGSIZE					2050		2090	1015		1095
100 E	2024	1021	2002	1001	2040	2080	2080	1031	1111	1111
INSTALLATION OPENINGSIZE					2050		2090	1050		1130

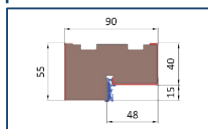
If the hinge cup and lock hole cover do not fit in the wall opening clearance, a cut-out is required.
* clear height of the frame is given for the dedicated thresholds for each frame: steel for steel frames, aluminium for steel & wood and aluminium frames

** if the frame width does not include the hinge cup and the cover for the locking holes, a spot cut-out is required

ALUMINIUM



STEEL & WOOD

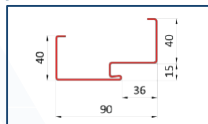


SZEROKOŚĆ	LEAF HEIGHT AT REBATE Hw [mm]	LEAF WIDTH AT REBATE Sw [mm]	CLEAR FRAME HEIGHT Hp [mm]*	CLEAR FRAME WIDTH Sp [mm]	FRAME HEIGHT WITH FINISHED FLOOR		TOTAL FRAME WIDTH	
					ALUMINIUM	STEEL & WOOD	ALUMINIUM	STEEL & WOOD
					A THRESHOLD WITH THERMAL BREAK IS DEDICATED TO THE FRAMES			
					Ho=Hc	Ho=Hc	So=Sc	So=Sc
80 N	2024	785	2005	764	2090	2085	893	884
INSTALLATION OPENING SIZE					2100		915	905
80 E	2024	821	2005	801	2090	2085	930	921
INSTALLATION OPENING SIZE					2100		950	940
90 N	2024	885	2005	864	2090	2085	993	984
INSTALLATION OPENING SIZE					2100		1015	1005
90 E	2024	921	2005	901	2090	2085	1030	1021
INSTALLATION OPENING SIZE					2100		1050	1040
100 N	2024	985	2005	964	2090	2085	1093	1084
INSTALLATION OPENING SIZE					2100		1115	1105
100 E	2024	1021	2005	1001	2090	2085	1130	1121
INSTALLATION OPENING SIZE					2100		1150	1140

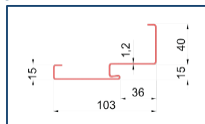
If the hinge cup and lock hole cover do not fit in the wall opening clearance, a cut-out is required.
* clear height of the frame is given for the dedicated thresholds for each frame: steel for steel frames, aluminium for steel & wood and aluminium frames

DOOR FRAMES FOR 55 MM THICK DOORS

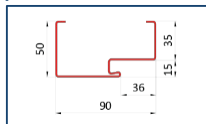
FD-21/C | FD-25/21/C



FD-25/12



FD-21/B | FD-25/21/B



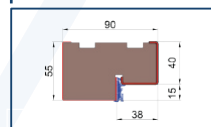
						FRAMEHEIGHT WITH FINISHED FLOOR				TOTAL FRAMEWIDTH				
SZEROKOŚĆ	LEAFHEIGHT AT REBATE Hw [mm]	LEAFWIDTH AT REBATE Sw [mm]	CLEARFRAME HEIGHT Hp [mm]*	CLEARFRAME WIDTH Sp [mm]	FD-21/C FD-25/21/C		FD-25/12		FD-21/B FD-25/21/B	FD-21/C FD-25/21/C		FD-25/12		FD-21/B FD-25/21/B
					A STEELTHRESHOLD ISDEDICATED TO THEFRAMES									
					Ho	Hc	Ho	Hc	Ho=Hc	So**	Sc	So**	Sc	So=Sc
80 N	2024	785	2002	764	2065	2080	2040	2080	2075	844	874	794	874	864
INSTALLATION OPENINGSIZE					2075		2050		2085	865		815		885
80 E	2024	821	2002	801	2065	2080	2040	2080	2075	881	911	831	911	901
INSTALLATION OPENINGSIZE					2075		2050		2085	900		850		920
90 N	2024	885	2002	864	2065	2080	2040	2080	2075	944	974	894	974	964
INSTALLATION OPENINGSIZE					2075		2050		2085	965		915		985
90 E	2024	921	2002	901	2065	2080	2040	2080	2075	981	1011	931	1011	1001
INSTALLATION OPENINGSIZE					2075		2050		2085	1000		950		1020
100 N	2024	985	2002	964	2065	2080	2040	2080	2075	1044	1074	994	1074	1064
INSTALLATION OPENINGSIZE					2075		2050		2085	1065		1015		1085
100 E	2024	1021	2002	1001	2065	2080	2040	2080	2075	1081	1111	1031	1111	1101
INSTALLATION OPENINGSIZE					2075		2050		2085	1100		1050		1120

If the hinge cup and lock hole cover do not fit in the wall opening clearance, a cut-out is required.

* clear height of the frame is given for the dedicated thresholds for each frame: steel for steel frames, aluminium for steel & wood and aluminium frames

** if the frame width does not include the hinge cup and the cover for the locking holes, a spot cut-out is required

STEEL & WOOD



SZEROKOŚĆ	LEAFHEIGHT AT REBATE Hw [mm]	LEAFWIDTH AT REBATE Sw [mm]	CLEARFRAME HEIGHT Hp [mm]*	CLEARFRAME WIDTH Sp [mm]	FRAMEHEIGHT WITH FINISHED FLOOR	TOTAL FRAMEWIDTH
					STEEL & WOOD	STEEL & WOOD
					A THRESHOLD WITH THERMAL BREAK IS DEDICATED TO THE FRAMES	
					Ho=Hc	So=Sc
80 N	2024	785	2005	764	2080	874
INSTALLATION OPENINGSIZE					2090	895
80 E	2024	821	2005	801	2080	911
INSTALLATION OPENINGSIZE					2090	930
90 N	2024	885	2005	864	2080	974
INSTALLATION OPENINGSIZE					2090	995
90 E	2024	921	2005	901	2080	1011
INSTALLATION OPENINGSIZE					2090	1030
100 N	2024	985	2005	964	2080	1074
INSTALLATION OPENINGSIZE					2090	1095
100 E	2024	1021	2005	1001	2080	1111
INSTALLATION OPENINGSIZE					2090	1130

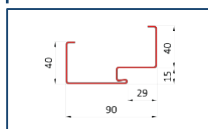
If the hinge cup and lock hole cover do not fit in the wall opening clearance, a cut-out is required.

* clear height of the frame is given for the dedicated thresholds for each frame: steel for steel frames, aluminium for steel & wood and aluminium frames

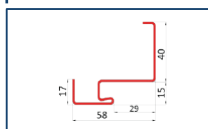
TECHNICAL INFORMATION – DOOR FRAME MODELS AND SIZES

DOOR FRAMES FOR 40 MM THICK DOORS

FD-21/C



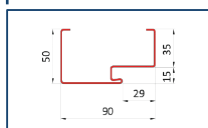
FD-21/N



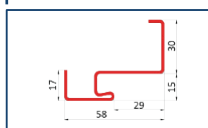
SZEROKOŚĆ	LEAF HEIGHT AT REBATE Hw [mm]	LEAF WIDTH AT REBATE Sw [mm]	CLEAR FRAME HEIGHT Hp [mm]*	CLEAR FRAME WIDTH Sp [mm]	FRAME HEIGHT WITH FINISHED FLOOR				TOTAL FRAME WIDTH			
					FD-21/C		FD-21/N		FD-21/C		FD-21/N	
					Ho	Hc	Ho	Hc	So**	Sc	So**	Sc
60	2014	616	1992	595	2055	2070	2032	2070	675	705	629	705
INSTALLATION OPENING SIZE					2065		2045		695		650	
70	2014	716	1992	695	2055	2070	2032	2070	775	805	729	805
INSTALLATION OPENING SIZE					2065		2045		795		750	
80	2014	816	1992	795	2055	2070	2032	2070	875	905	829	905
INSTALLATION OPENING SIZE					2065		2045		895		850	
80 E	2014	827	2002	805	2065	2080	2042	2080	885	915	839	915
INSTALLATION OPENING SIZE					2075		2055		905		860	
90	2014	916	1992	895	2055	2070	2032	2070	975	1005	929	1005
INSTALLATION OPENING SIZE					2065		2045		995		950	
90 E	2014	927	2002	905	2065	2080	2042	2080	985	1015	939	1015
INSTALLATION OPENING SIZE					2075		2055		1005		960	
100	2014	1016	1992	995	2055	2070	2032	2070	1075	1105	1029	1105
INSTALLATION OPENING SIZE					2065		2045		1095		1050	
100 E	2014	1027	2002	1005	2065	2080	2042	2080	1085	1115	1039	1115
INSTALLATION OPENING SIZE					2075		2055		1105		1060	

If the hinge cup and lock hole cover do not fit in the wall opening clearance, a cut-out is required.
 * clear height of the frame is given for the dedicated thresholds for each frame: steel for steel frames, aluminium for steel & wood and aluminium frames
 ** if the frame width does not include the hinge cup and the cover for the locking holes, a spot cut-out is required

FD-21/B



FD-25/21/N/O

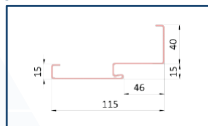


SZEROKOŚĆ	LEAF HEIGHT AT REBATE Hw [mm]	LEAF WIDTH AT REBATE Sw [mm]	CLEAR FRAME HEIGHT Hp [mm]*	CLEAR FRAME WIDTH Sp [mm]	FRAME HEIGHT WITH FINISHED FLOOR			TOTAL FRAME WIDTH		
					FD-21/B	FD-25/21/N/O		FD-21/B	Fd-25/21/N/O	
					Ho=Hc	Ho	Hc	So=Sc	So**	Sc
60	2014	616	1992	595	2065	2032	2060	695	629	685
INSTALLATION OPENING SIZE					2075	2045		715	650	
70	2014	716	1992	695	2065	2032	2060	795	729	785
INSTALLATION OPENING SIZE					2075	2045		815	750	
80	2014	816	1992	795	2065	2032	2060	895	829	885
INSTALLATION OPENING SIZE					2075	2045		915	850	
80 E	2014	827	2002	805	2075	2042	2070	905	839	895
INSTALLATION OPENING SIZE					2085	2055		925	860	
90	2014	916	1992	895	2065	2032	2060	995	929	985
INSTALLATION OPENING SIZE					2075	2045		1015	950	
90 E	2014	927	2002	905	2075	2042	2070	1005	939	995
INSTALLATION OPENING SIZE					2085	2055		1025	960	
100	2014	1016	1992	995	2065	2032	2060	1095	1029	1085
INSTALLATION OPENING SIZE					2075	2045		1115	1050	
100 E	2014	1027	2002	1005	2075	2042	2070	1105	1039	1095
INSTALLATION OPENING SIZE					2085	2055		1125	1060	

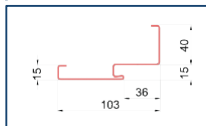
If the hinge cup and lock hole cover do not fit in the wall opening clearance, a cut-out is required.
 * clear height of the frame is given for the dedicated thresholds for each frame: steel for steel frames, aluminium for steel & wood and aluminium frames
 ** if the frame width does not include the hinge cup and the cover for the locking holes, a spot cut-out is required

DOOR FRAMES WITH MOULDING FOR 72 MM AND 55 MM THICK DOORS

FD-25/12
for 72mm thick doors



FD-25/12
for 55 mm thick doors



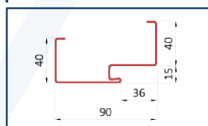
SZEROKOŚĆ	LEAF HEIGHT AT REBATE Hw [mm]	LEAF WIDTH AT REBATE Sw [mm]	CLEARFRAME HEIGHT Hp [mm]*	CLEARFRAME WIDTH Sp [mm]	FRAME HEIGHT WITH FINISHED FLOOR		TOTAL FRAME WIDTH	
					FD-25/12	FD-25/12	FD-25/12	FD-25/12
					Ho	Hc	So**	Sc
80N	2024	785	2002	764	2040	2080	794	874
INSTALLATION OPENING SIZE					2060		835	
80E	2024	821	2002	801	2040	2080	831	911
INSTALLATION OPENING SIZE					2060		870	
90N	2024	885	2002	864	2040	2080	894	974
INSTALLATION OPENING SIZE					2060		935	
90E	2024	921	2002	901	2040	2080	931	1011
INSTALLATION OPENING SIZE					2060		970	
100N	2024	985	2002	964	2040	2080	994	1074
INSTALLATION OPENING SIZE					2060		1035	
100E	2024	1021	2002	1001	2040	2080	1031	1111
INSTALLATION OPENING SIZE					2060		1070	

If the hinge cup and lock hole cover do not fit in the wall opening clearance, a cut-out is required.
* clear height of the frame is given for the dedicated thresholds for each frame: steel for steel frames, aluminium for steel & wood and aluminium frames

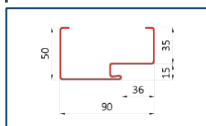
** if the frame width does not include the hinge cup and the cover for the locking holes, a spot cut-out is required

DOOR FRAMES FOR DOORS SENATOR E, HETMAN 55, BATORY 55, MOZART, AMADEO, VERDI

FD-21/C | FD-25/21/C



FD-21/B | FD-25/21/B



Attention!
Batory doors are mounted using mortar.
On the steel and wood frame we can make Senator E door only

SZEROKOŚĆ	LEAF HEIGHT AT REBATE Hw [mm]	LEAF WIDTH AT REBATE Sw [mm]	CLEARFRAME HEIGHT Hp [mm]*	CLEARFRAME WIDTH Sp [mm]	FRAME HEIGHT WITH FINISHED FLOOR		TOTAL FRAME WIDTH		
					FD-21/C FD-25/21/C		FD-21/B FD-25/21/B		So = Sc
					Ho	Hc	Ho = Hc	So	
80N	2024	785	2002	764	2065	2080	2075	844	864
INSTALLATION OPENING SIZE					2075		2085	865	885
80E	2024	821	2002	801	2065	2080	2075	881	901
INSTALLATION OPENING SIZE					2075		2085	900	920
90N	2024	885	2002	864	2065	2080	2075	944	964
INSTALLATION OPENING SIZE					2075		2085	965	985
90E	2024	921	2002	901	2065	2080	2075	981	1001
INSTALLATION OPENING SIZE					2075		2085	1000	1020
100N	2024	985	2002	964	2065	2080	2075	1041	1064
INSTALLATION OPENING SIZE					2075		2085	1065	1085
100E	2024	1021	2002	1001	2065	2080	2075	1081	1101
INSTALLATION OPENING SIZE					2075		2085	1100	1120

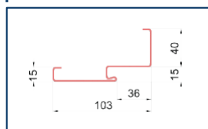
If the hinge cup and lock hole cover do not fit in the wall opening clearance, a cut-out is required.
* clear height of the frame is given for the dedicated thresholds for each frame: steel for steel frames, aluminium for steel & wood and aluminium frames

** if the frame width does not include the hinge cup and the cover for the locking holes, a spot cut-out is required

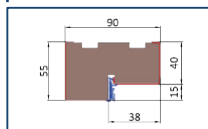
DOOR FRAMES FOR DOORS

SENATOR E, HETMAN 55, BATORY 55, MOZART, AMADEO, VERDI

FD-25/12



STEEL & WOOD

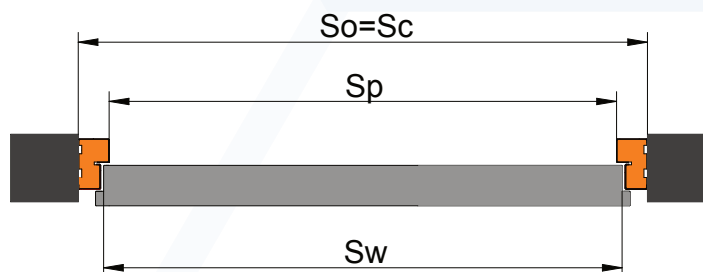
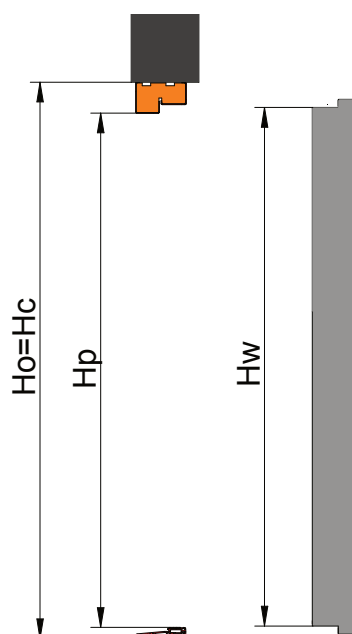


Attention!
Batory doors are mounted using mortar.
On the steel and wood frame we can make Senator Doors only

SENATOR E, HETMAN 55, BATORY 55, MOZART, AMADEO, VERDI: FD-25/12 DOOR FRAME
SENATOR E; STEEL & WOOD FRAME

SZEROKOŚĆ	LEAF HEIGHT AT REBATE Hw [mm]	LEAF WIDTH AT REBATE Sw [mm]	CLEAR FRAME HEIGHT Hp [mm]*	CLEAR FRAME WIDTH Sp [mm]	FRAME HEIGHT WITH FINISHED FLOOR		TOTAL FRAME WIDTH		
					FD-25/12		STEEL & WOOD SENATOR E		So = Sc
					Ho	Hc	Ho = Hc	So**	
80N	2024	785	2002	764	2040	2080	2080	794	874
INSTALLATION OPENING SIZE					2050		2090	815	895
80E	2024	821	2002	801	2040	2080	2080	831	911
INSTALLATION OPENING SIZE					2050		2090	850	930
90N	2024	885	2002	864	2040	2080	2080	894	974
INSTALLATION OPENING SIZE					2050		2090	915	995
90E	2024	921	2002	901	2040	2080	2080	931	1011
INSTALLATION OPENING SIZE					2050		2090	950	1030
100N	2024	985	2002	964	2040	2080	2080	994	1074
INSTALLATION OPENING SIZE					2050		2090	1015	1095
100E	2024	1021	2002	1001	2040	2080	2080	1031	1111
INSTALLATION OPENING SIZE					2050		2090	1050	1130

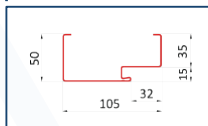
If the hinge cup and lock hole cover do not fit in the wall opening clearance, a cut-out is required.
* clear height of the frame is given for the dedicated thresholds for each frame: steel for steel frames, aluminium for steel & wood and aluminium frames
** if the frame width does not include the hinge cup and the cover for the locking holes, a spot cut-out is required



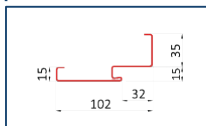
Ho [mm] - frame height in the installation opening clearance
Hp [mm] - clear frame height
Hc [mm] - total frame height
Hw [mm] - leaf height at the rebate
So [mm] - frame width in the installation opening clearance
Sp [mm] - clear frame width
Sc [mm] - total frame width
Sw [mm] - leaf width at the rebate

DOOR FRAMES FOR HETMAN 47 AND BATORY 47 DOORS folding door frames for interior security doors

FD-25/1/U



FD-25/16/U



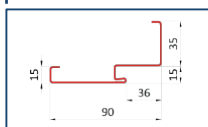
Attention!
Batory doors are mounted using mortar.
On the steel and wood frame we can make Senator Edoor only

SZEROKOŚĆ	LEAF HEIGHT AT REBATE Hw [mm]	LEAF WIDTH AT REBATE Sw [mm]	CLEAR FRAME HEIGHT Hp [mm]*	CLEAR FRAME WIDTH Sp [mm]	FRAME HEIGHT WITH FINISHED FLOOR		TOTAL FRAME WIDTH		
					FD-25/16/U		FD-25/21/U		FD-25/21/U
					Ho	Hc	Ho = Hc	So**	
80N	2014	785	1992	764	2030	2065	2065	794	864
INSTALLATION OPENING SIZE					2040		2075	815	885
80E	2024	821	2002	801	2040	2075	2075	835	905
INSTALLATION OPENING SIZE					2050		2085	855	925
90N	2014	885	1992	864	2030	2065	2065	887	957
INSTALLATION OPENING SIZE					2040		2075	910	980
90E	2024	921	2002	901	2040	2075	2075	935	1005
INSTALLATION OPENING SIZE					2050		2085	955	1025
100E	2024	1021	2002	1001	2040	2075	2075	1035	1105
INSTALLATION OPENING SIZE					2050		2085	1055	1125

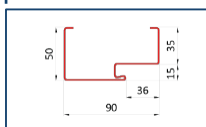
If the hinge cup and lock hole cover do not fit in the wall opening clearance, a cut-out is required.
* clear height of the frame is given for the dedicated thresholds for each frame: steel for steel frames, aluminium for steel & wood and aluminium frames
** if the frame width does not include the hinge cup and the cover for the locking holes, a spot cut-out is required

DOOR FRAMES FOR SPARK 1 AND SPARK 2 DOORS

FD-25/12



FD-21/B | FD-25/21/B



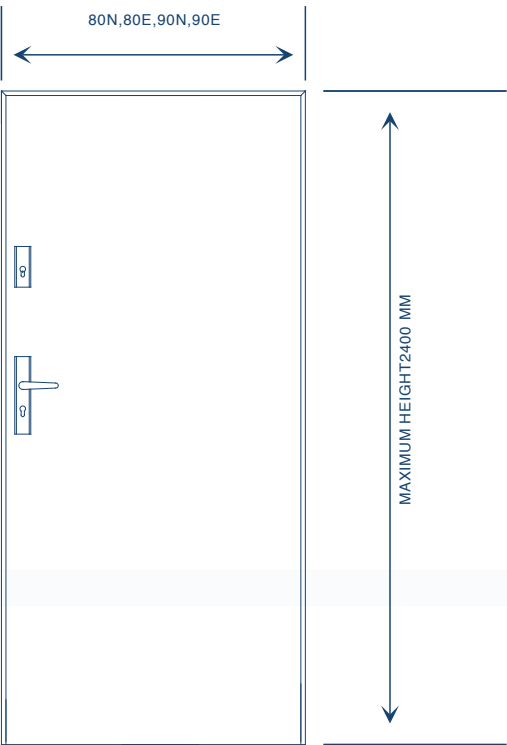
Attention!
Spark 1 and Spark 2 doors are mounted using mortar

SZEROKOŚĆ	LEAF HEIGHT AT REBATE Hw [mm]	LEAF WIDTH AT REBATE Sw [mm]	CLEAR FRAME HEIGHT Hp [mm]*	CLEAR FRAME WIDTH Sp [mm]	FRAME HEIGHT WITH FINISHED FLOOR		TOTAL FRAME WIDTH		
					FD-25/12		FD-21/B FD-25/21/B		FD-21/B FD-25/21/B
					Ho	Hc	Ho = Hc	So**	
80E	2024	821	2002	801	2037	2072	2072	831	901
INSTALLATION OPENING SIZE					2050		2085	850	920
90E	2024	921	2002	901	2037	2072	2072	931	1001
INSTALLATION OPENING SIZE					2050		2085	950	1020
100E	2024	1021	2002	1001	2037	2072	2072	1031	1101
INSTALLATION OPENING SIZE					2050		2085	1050	1120

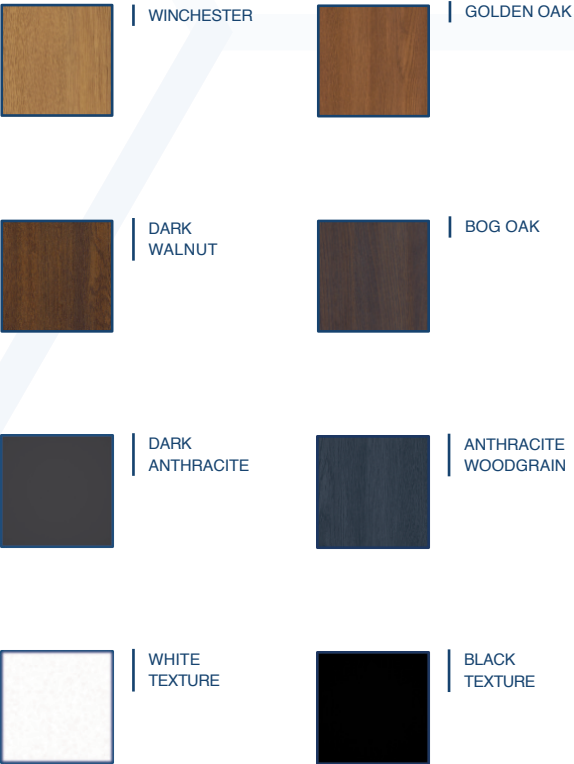
If the hinge cup and lock hole cover do not fit in the wall opening clearance, a cut-out is required.
* clear height of the frame is given for the dedicated thresholds for each frame: steel for steel frames, aluminium for steel & wood and aluminium frames
** if the frame width does not include the hinge cup and the cover for the locking holes, a spot cut-out is required

EXTERIOR DOORS - NON-STANDARD SIZES- HIGHER 72 MM DOORS

AVAILABLE SIZES



AVAILABLE COLOURS



DOOR HEIGHT [mm] ON THE OUTSIDE OF THE FRAME	HANDLE HEIGHT CALCULATED FROM THE BOTTOM OF THE LEAF [mm]
2170 - 2200	920
2201 - 2250	950
2251 - 2300	1000
2301 - 2400	1050

ATTENTION!
HIGHER DOORS ARE ONLY AVAILABLE IN A SINGLE-LEAF VERSION.

EXTERIOR DOORS – THRESHOLDS AND THRESHOLD EXTENSIONS



STEEL THRESHOLDS WITH SEAL FOR 40 MM THICK DOORS

WIDTH 800-900 MM

WIDTH 1000 MM



STEEL THRESHOLD WITH SEAL FOR 55, 72, 85 MM THICK DOORS

WIDTH 800-900 MM

WIDTH 1000 MM



ALUMINIUM THRESHOLD WITH THERMAL BREAK FOR 72, 85 MM THICK DOORS
WITH THREE-SIDED REBATE

WIDTH 800-900 MM

WIDTH 1000 MM



ALUMINIUM THRESHOLDS WITH THERMAL BREAK FOR
72, 101 MM THICK DOORS WITH FOUR-SIDED REBATE

WIDTH 800-900 MM

WIDTH 1000 MM



WOODEN THRESHOLD FOR SECURITY DOORS
OAK, NATURAL WOOD COLOUR

WIDTH 800-900 MM

WIDTH 1000 MM

A recommended addition to the aluminium threshold is the threshold extension. It is an element placed under the threshold, whose task is to eliminate thermal bridges, thus preventing heat loss and freezing of the door and guaranteeing stable seating of the whole structure. We offer threshold extensions made of Klinaryt® in three sizes 70 mm, 120 mm and 150 mm.

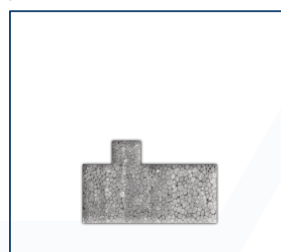
150 MM EXTENSION



120 MM EXTENSION



70 MM EXTENSION



GLUE FOR EXTENSIONS



TECHNICAL INFORMATION – PULL HANDLES

A door pool handle is an increasingly popular alternative to traditional handles.

Its modern design blends perfectly with the contemporary architecture of detached houses. Pool handles can be used with door thickness of 55, 72, 85 and 101 mm, double-leaf doors and fixed-lights.

The convenience of the selected model is determined by additional accessories, the selection of which enables the configuration of the optimal door opening method for the customer.

1000 mm



1200 mm



1500 mm



AMSTERDAM - STRAIGHT*

LENGTH 1000 MM

INOX
BLACK

LENGTH 1200 MM

INOX
BLACK

LENGTH 1500 MM

INOX
BLACK PULL HANDLE WITH ELECTRIC PUSH
BUTTON
(INCLUDES CABLE GLAND)

1000 mm



1200 mm



1500 mm



MONTREAL - STRAIGHT*

LENGTH 1000 MM

INOX:
BLACK

LENGTH 1200 MM

INOX
BLACK

LENGTH 1500 MM

INOX
BLACK

PULL HANDLE WITH ELECTRIC PUSH BUTTON
(INCLUDES CABLE GLAND)

1000 mm



1500 mm



MEDIOLAN - BENT**

LENGTH 1000 MM
INOXBLACK: PLN 710.00 NET

LENGTH 1500 MM
INOX
BLACK

PULL HANDLE WITH ELECTRIC PUSH BUTTON
(INCLUDES CABLE GLAND)

1000 mm



1500 mm



FERRARA*** WITH FINGERPRINT READER

LENGTH 1000 MM
INOX
BLACK

LENGTH 1500 MM
INOX
BLACK

PULL HANDLE WITH ELECTRIC PUSH BUTTON
(INCLUDES CABLE GLAND)

1000 mm



1500 mm



AREZZO - STRAIGHT**

LENGTH 1000 MM
BLACK

LENGTH 1500 MM
BLACK

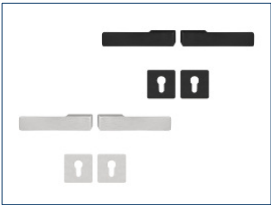
PULL HANDLE WITH ELECTRIC PUSH BUTTON
(INCLUDES CABLE GLAND)

*) THE AMSTERDAM AND MONTREAL PULL HANDLES ARE MADE OF ALUMINIUM.

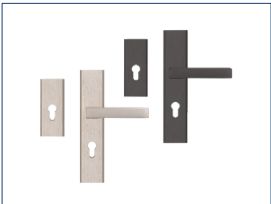
**) THE MEDIOLAN AND AREZZO PULL HANDLES ARE MADE OF STAINLESS STEEL AND ARE NOT AVAILABLE WITH AN ELECTRIC PUSH BUTTON.

***) THE FERRARA PULL HANDLE IS MADE OF STAINLESS STEEL AND IS EQUIPPED WITH A FINGERPRINT READER.

NEW!

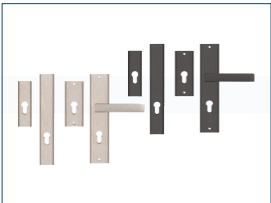
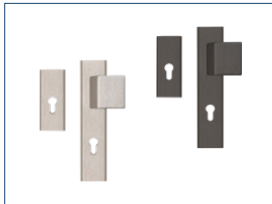


LIBERAHANDLE
DEDICATED TO CLASSLESSDOORS
COLOURS INOX/BLACK



STP-H HANDLE
DEDICATED TO NON-
RATED DOORS
COLOURS INOX/BLACK

STP-H HANDLE LEVER SET
DEDICATED TO NON-
RATED DOORS
COLOURS INOX/BLACK



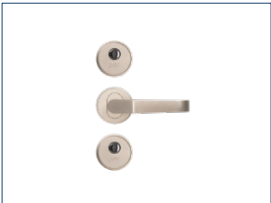
STP-I HANDLE
DEDICATED TO PULL
HANDLES
COLOURS INOX/BLACK

STP-H/K2 HANDLE
DEDICATED TO RC2



ROYAL FLEX HANDLE
DEDICATED TO RC3 AND
FIRE-RATED DOORS
COLOURS INOX/BLACK

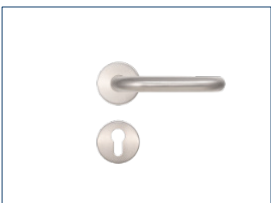
AXA TORONTO FLEX
DEDYKOWANA DLA RC4



PTZ HANDLE DEDICATED TO
RC3 AND RC4 DOORS

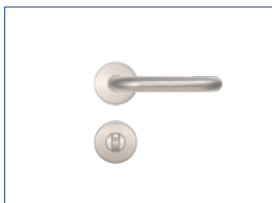
RIGID CHAIN (EXTRA CHARGE FOR PTZ HARDWARE)

450.00

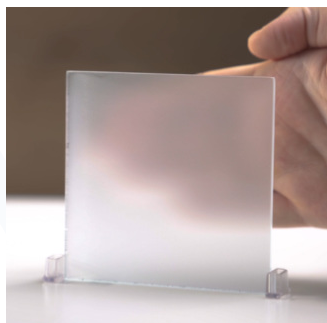


OLARIX HANDLE

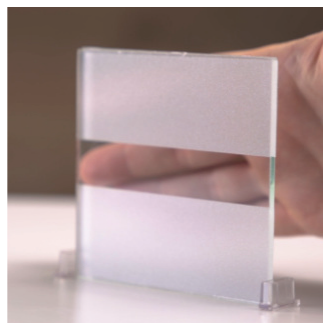
OLARIX TOILET HANDLE



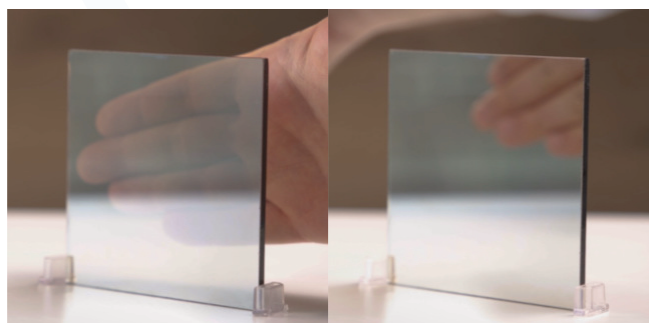
SAFETYHANDLE
COLOURS WHITE/BLACK



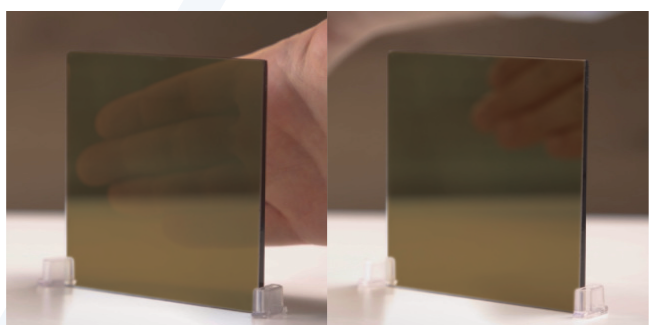
MATT
GLASS



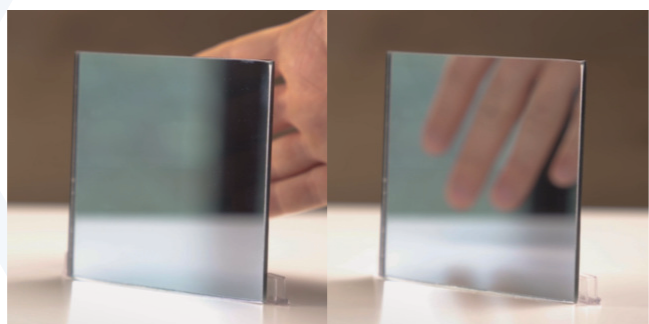
MATT
GLASS WITH STRIPES



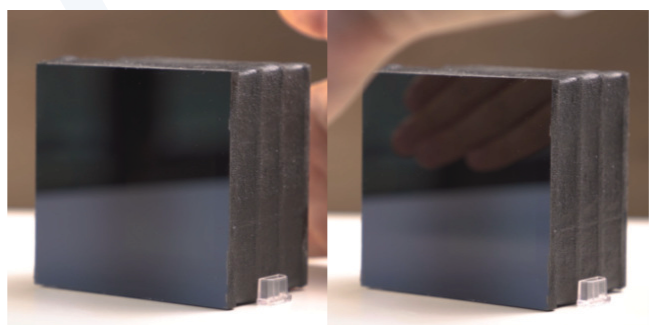
GRAPHITE REFLECTIVE GLASS



BROWN REFLECTIVE GLASS

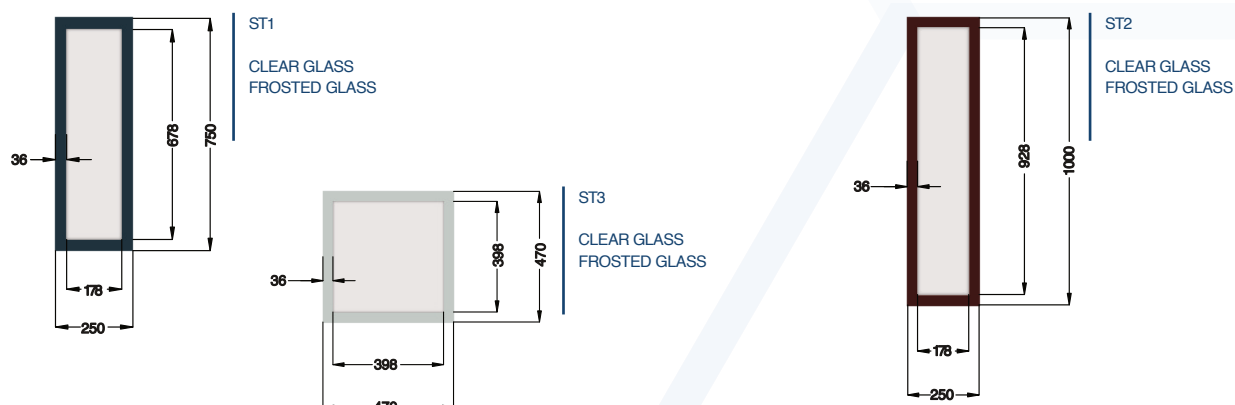


ONE-WAY MIRROR GLASS

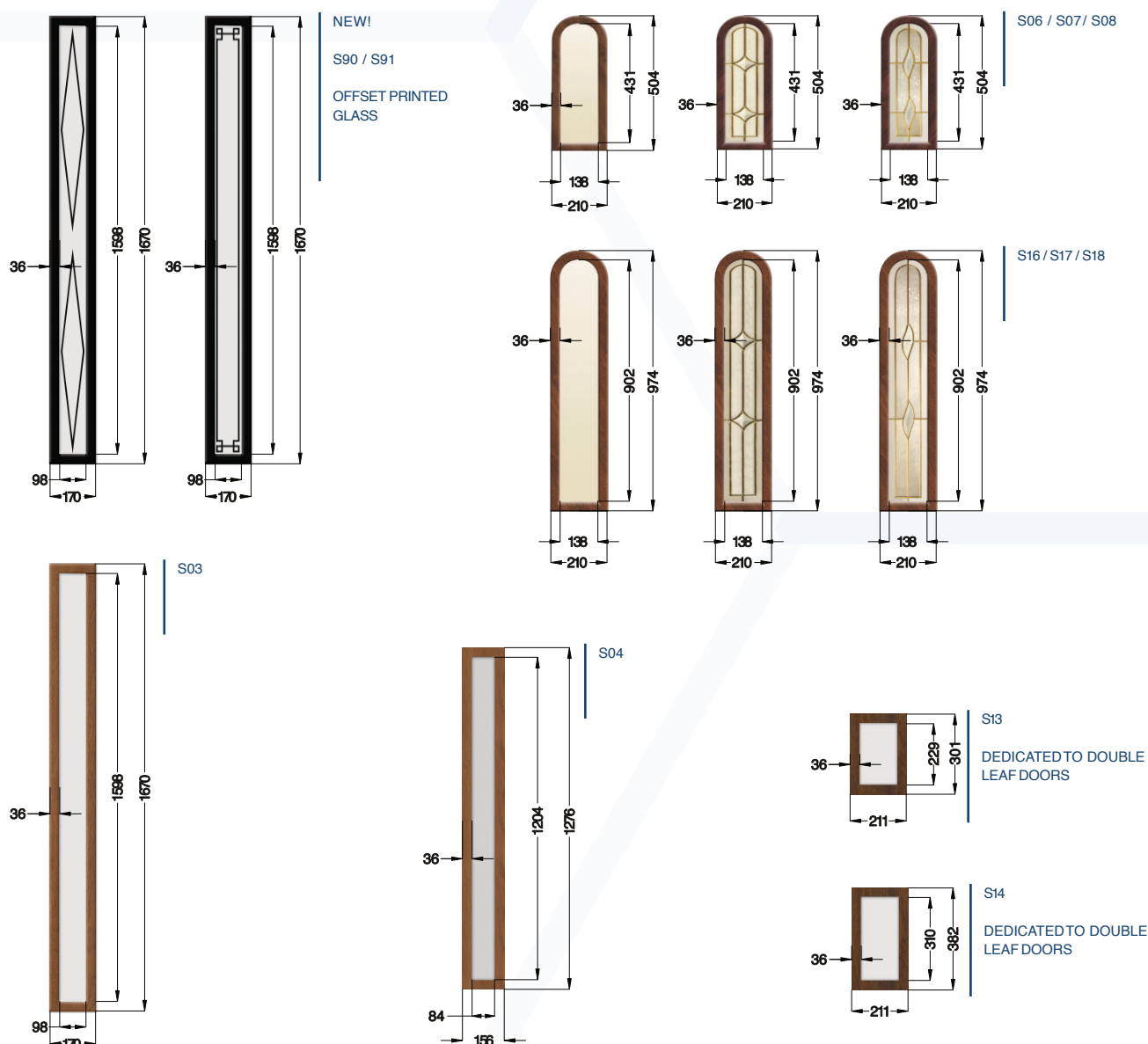


BLACK GLASS

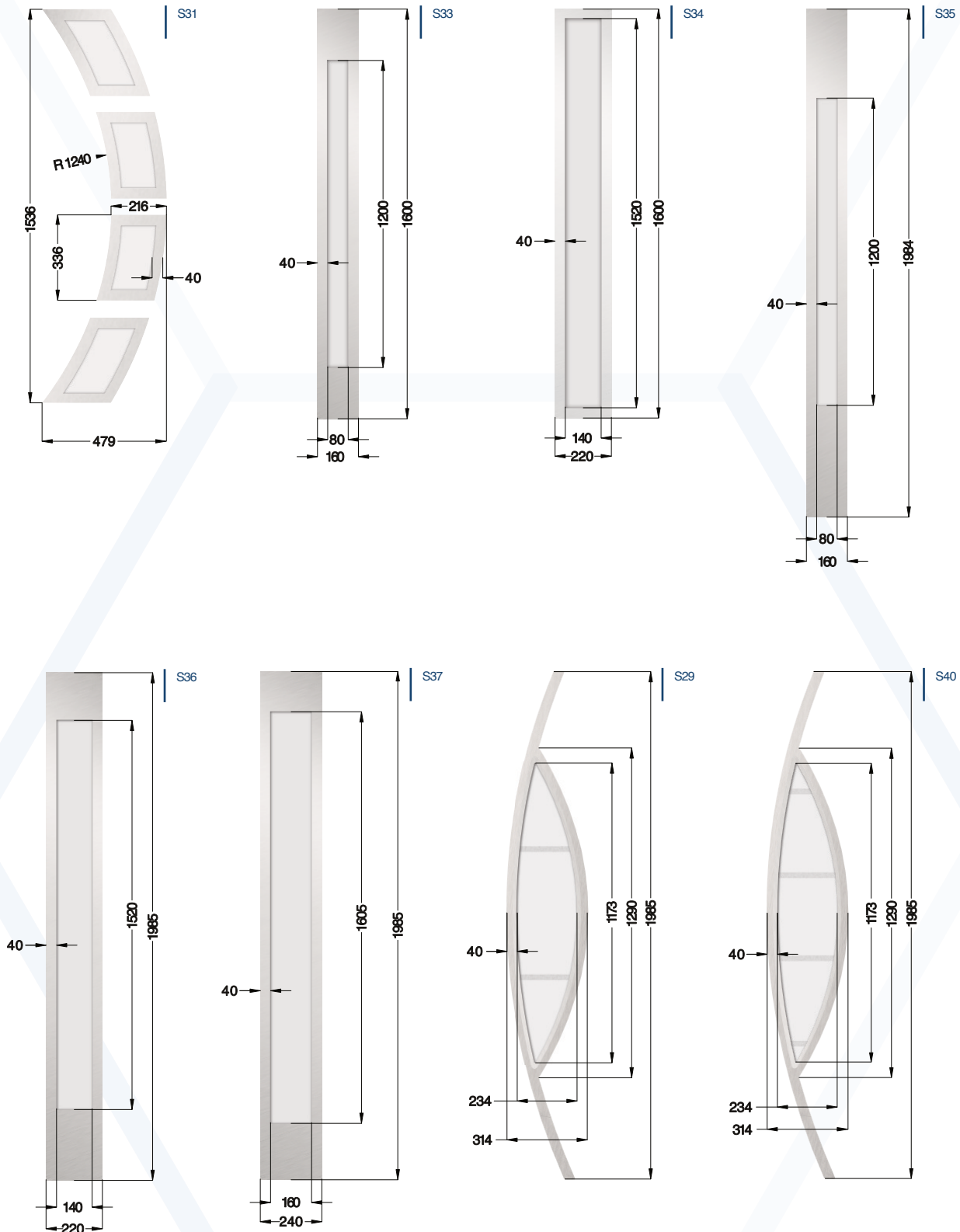
PVC FRAMES FOR UTILITY DOORS



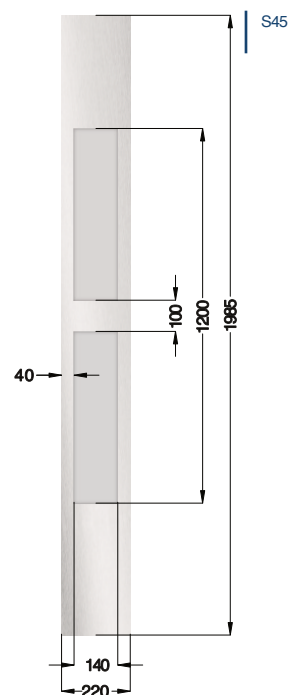
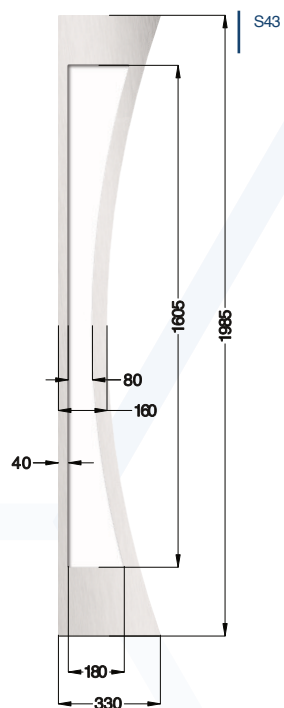
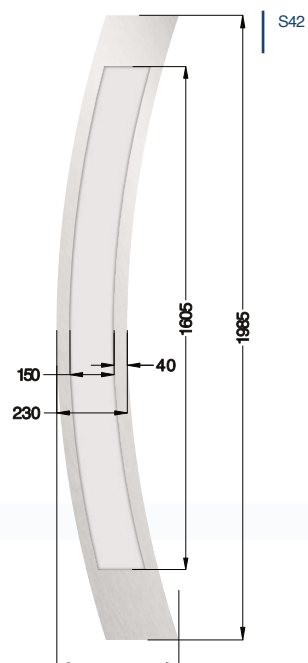
PVC FRAMES



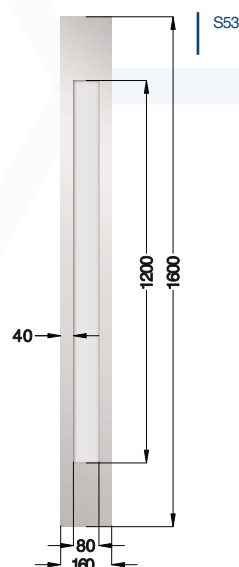
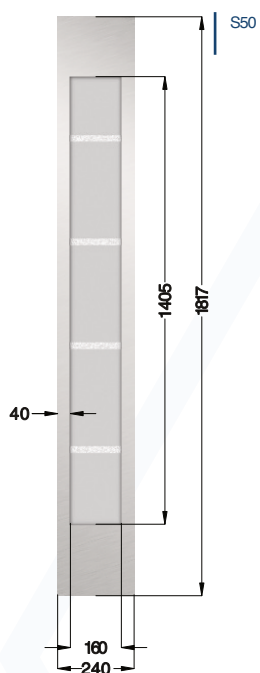
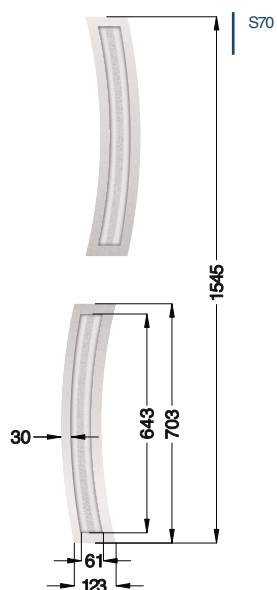
STANDARD FRAMES- INOX AND BLACK



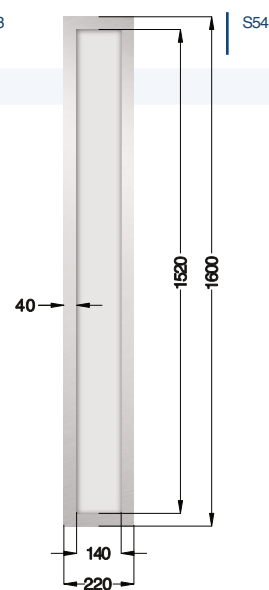
STANDARD FRAMES- INOX AND BLACK



NARROW/FLUSH FRAME INOX AND BLACK

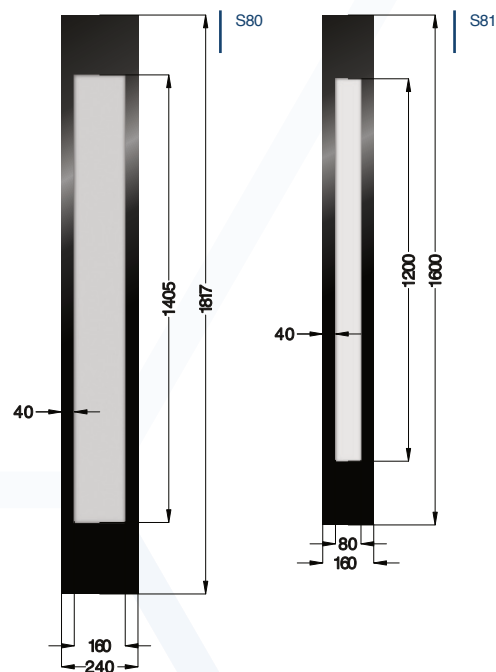
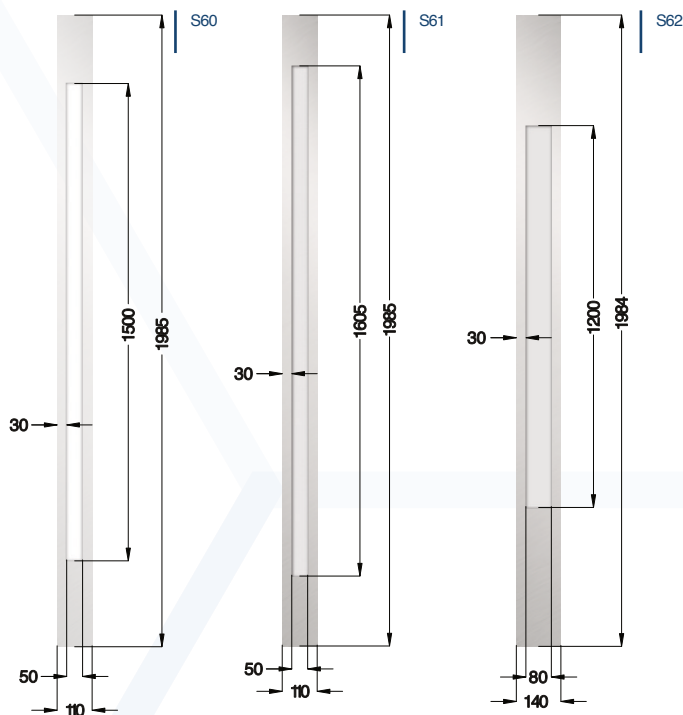


FLUSH FRAMES INOX AND BLACK

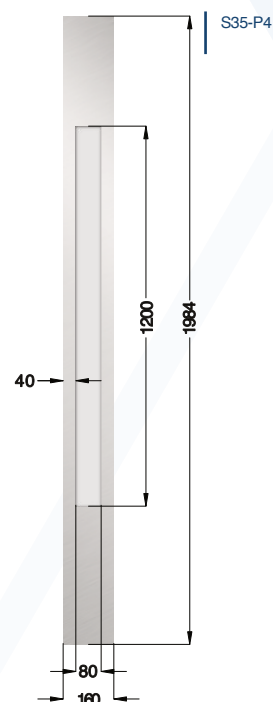
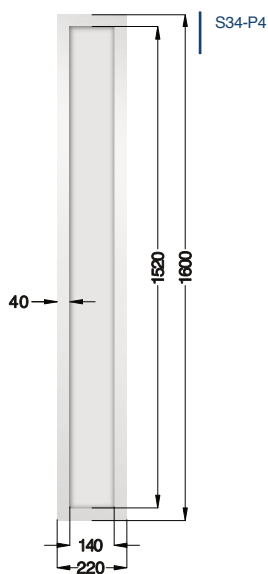
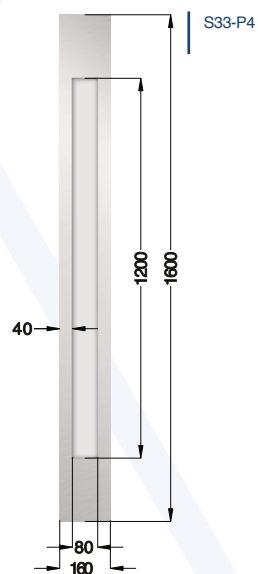


NARROW FRAMES
INOX AND BLACK

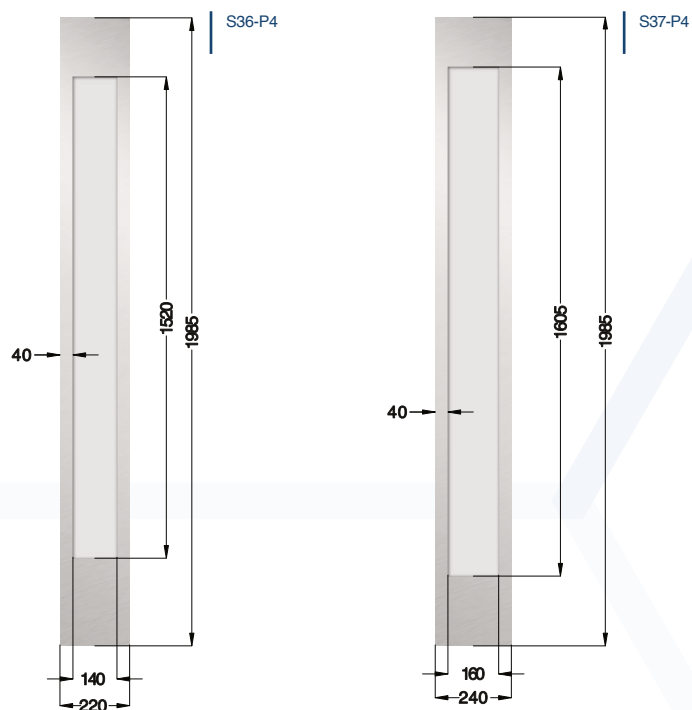
GLASS FRAMES
BLACK – LACOBEL



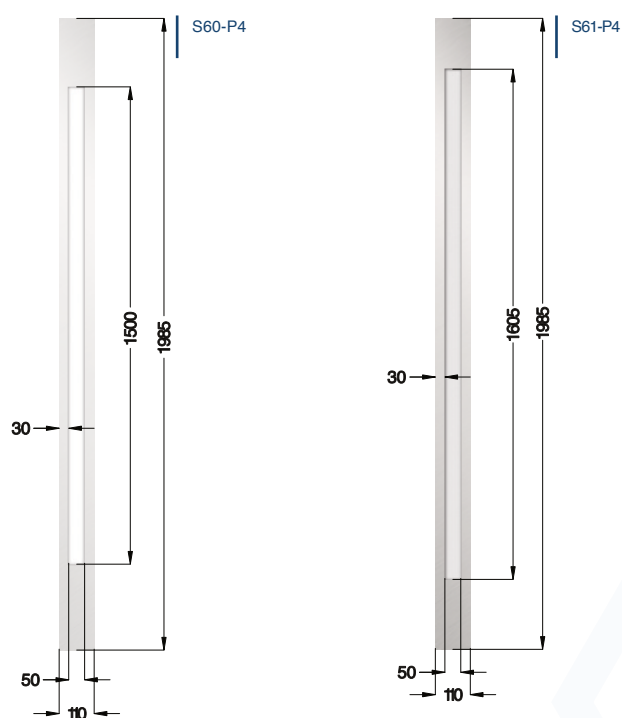
INOX AND BLACK FRAMES WITH P4 SAFETY GLAZING FOR OPTIONAL 72 AND 85 MM DOORS IN RESISTANCE CLASS RC2



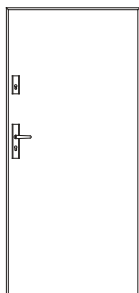
INOX AND BLACK FRAMES WITH P4 SAFETY GLAZING FOR OPTIONAL 72 AND 85 MM DOORS IN RESISTANCE CLASS RC2



INOX AND BLACK FRAMES WITH P4 SAFETY GLAZING FOR OPTIONAL DESIGN OF 72 AND 85 MM DOORS IN RESISTANCE CLASS RC2

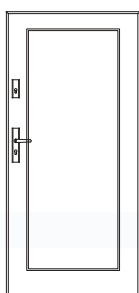


G

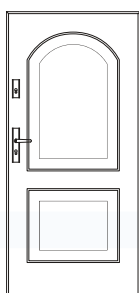


SHALLOW EMBOSSING

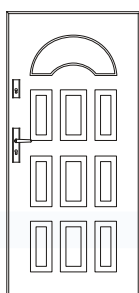
T01



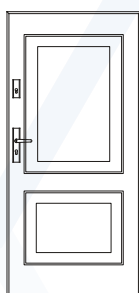
T02



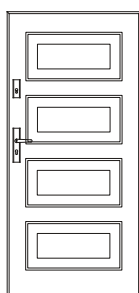
T30



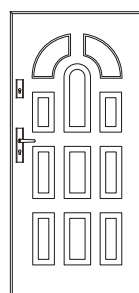
T32



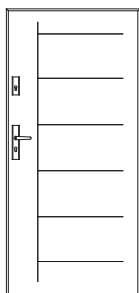
T34



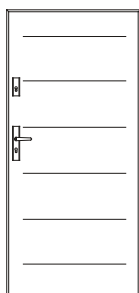
T36



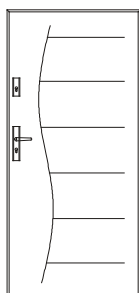
T41



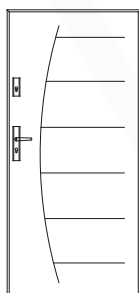
T42



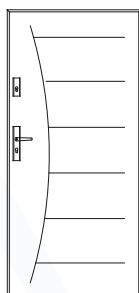
T43



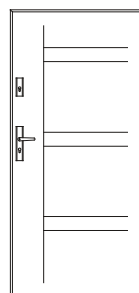
T44



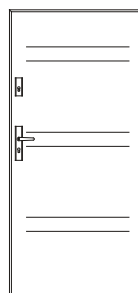
T45



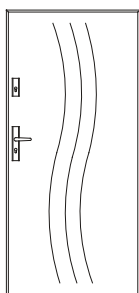
T46



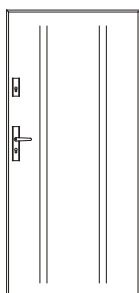
T47



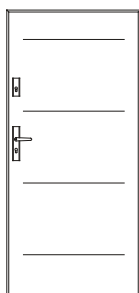
T48



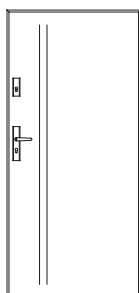
T49



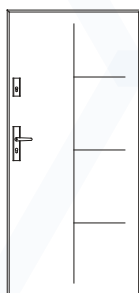
T50



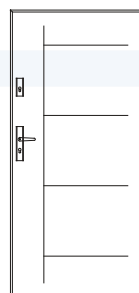
T51



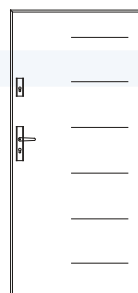
T52



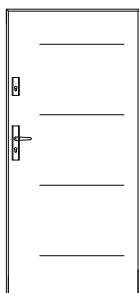
T53



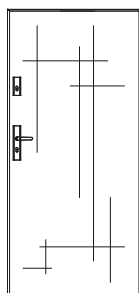
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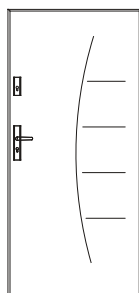
T55



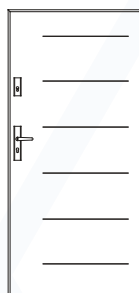
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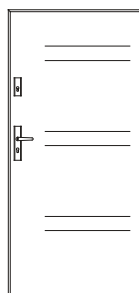
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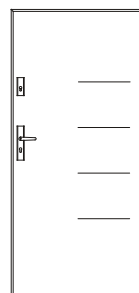
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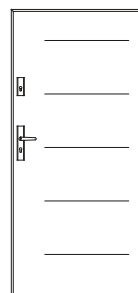
T61



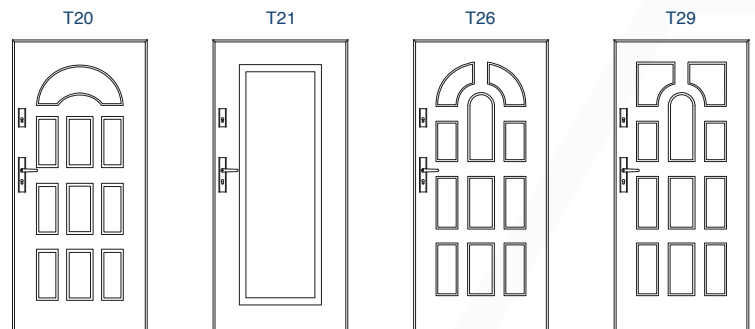
T62



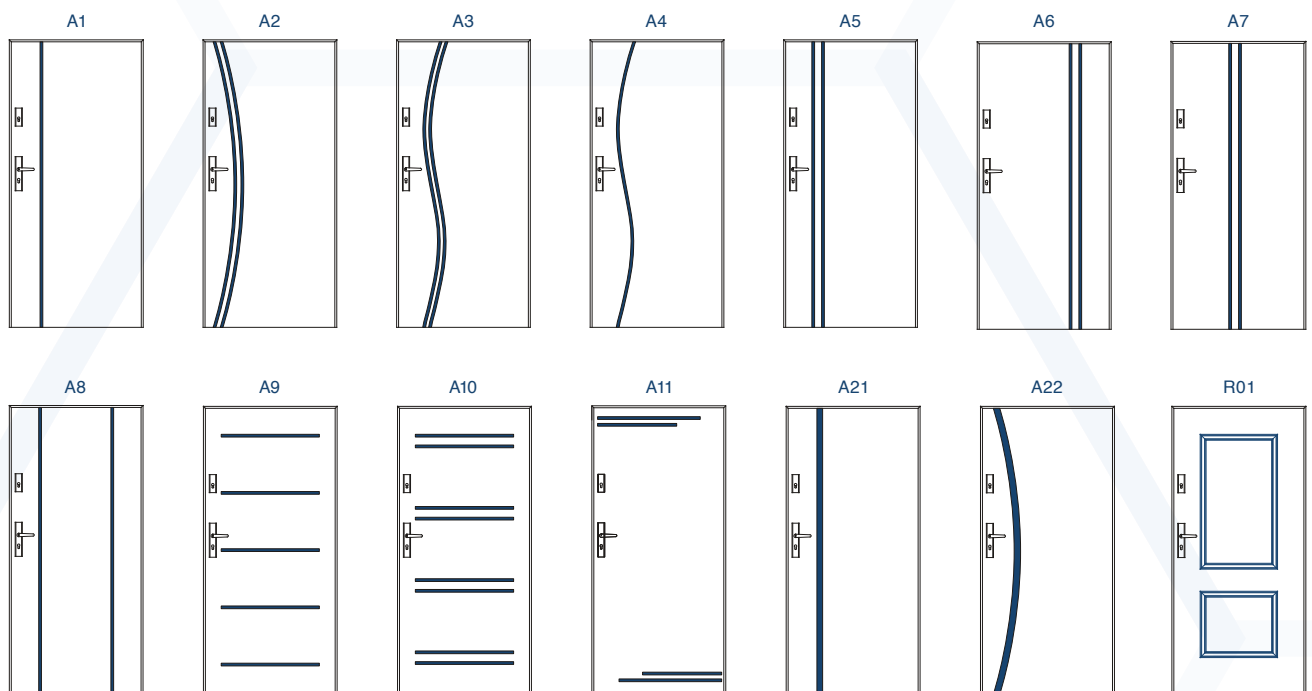
T63



DEEP EMBOSSING



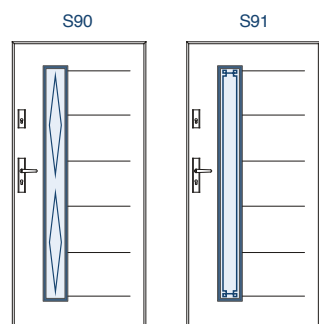
WITH DECORATIONS



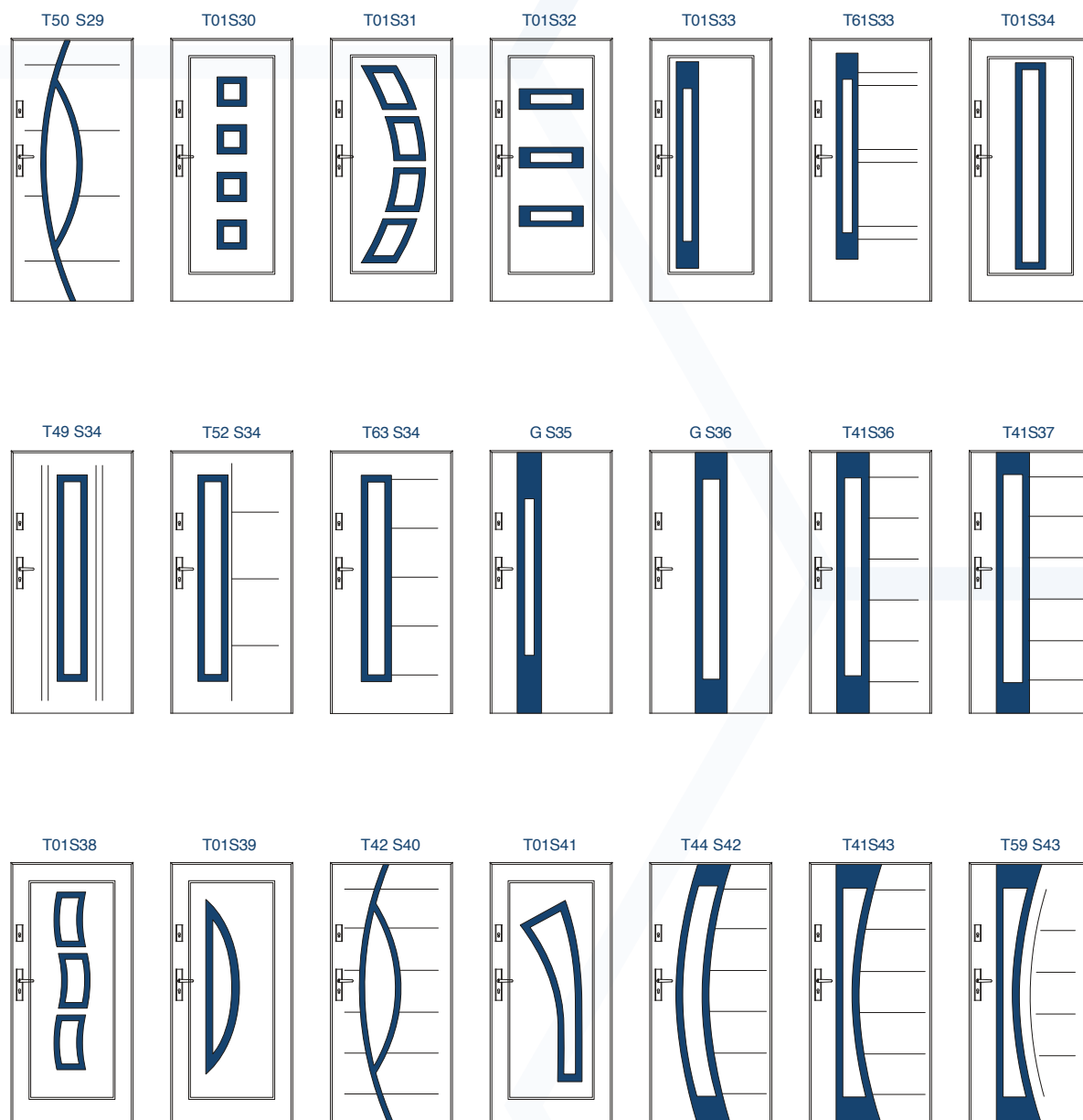
WITH GLAZING – PVC FRAMES



WITH OFFSET PRINTED GLAZING – PVC FRAMES



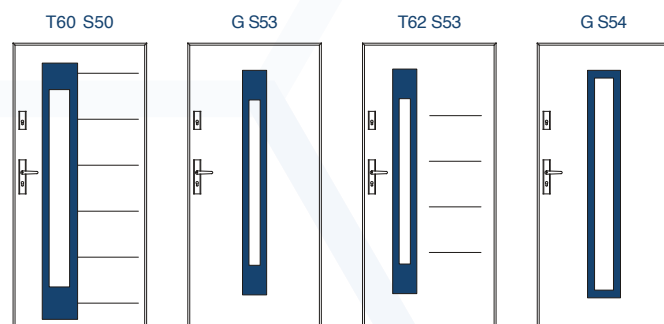
WITH GLAZING – INOX/BLACK FRAMES



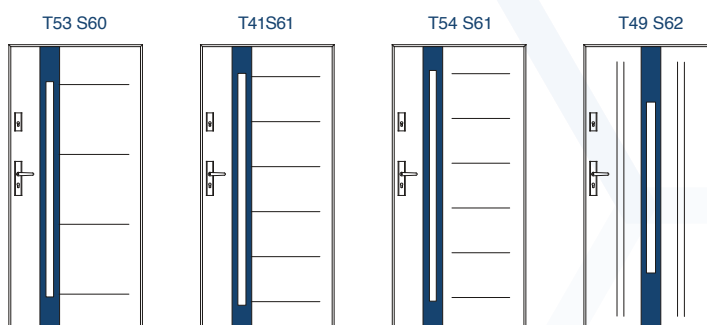
WITH GLAZING – INOX/BLACK FRAMEScontd.



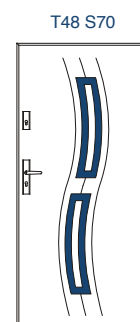
WITH GLAZING – INOX FRAMES/ BLACK FLUSH FRAME



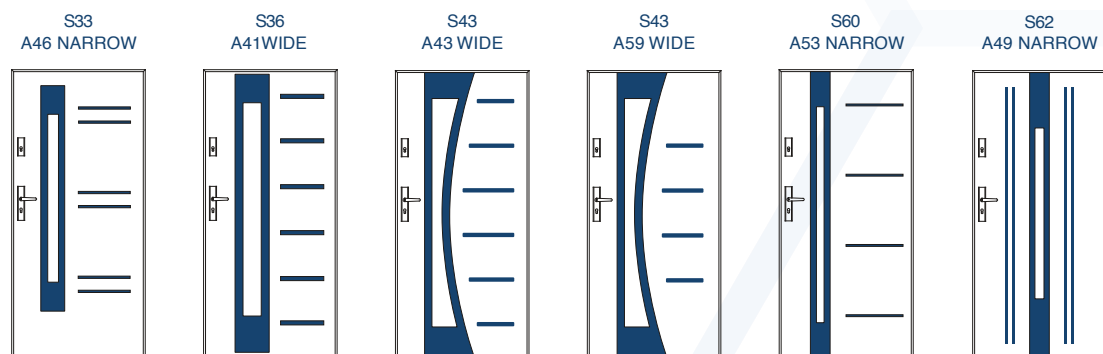
WITH GLAZING – INOX/BLACK NARROW FRAMES



WITH GLAZING – INOX / BLACK NARROW / FLUSH FRAME



WITH GLAZING AND DECORATIONS

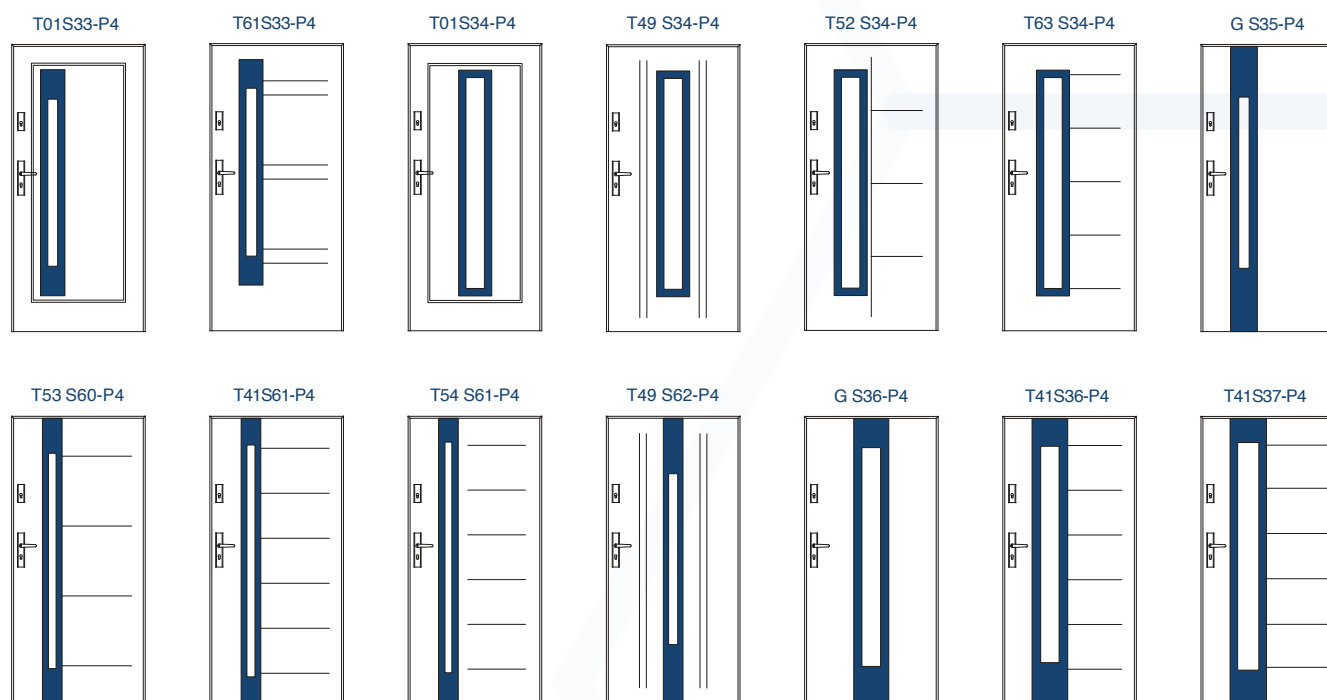


WITH GLAZING – LACOBEL GLASSFRAME



WITH P4 SAFETYGLAZING

FOR OPTIONAL DESIGN OF 72 AND 85 MM DOORS IN RESISTANCE CLASS RC2





DOOR CATALOGUE

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