

STEEL AND ALUMINIUM
EXTERIOR DOORS
2023 CATALOG
1ST EDITION

MK DOOR

 **92 mm**
FULL 0,62 W/(m²·K)
GLAZED 0,74 W/(m²·K)

 **68 mm**
FULL 0,98 W/(m²·K)
GLAZED 1,1 W/(m²·K)

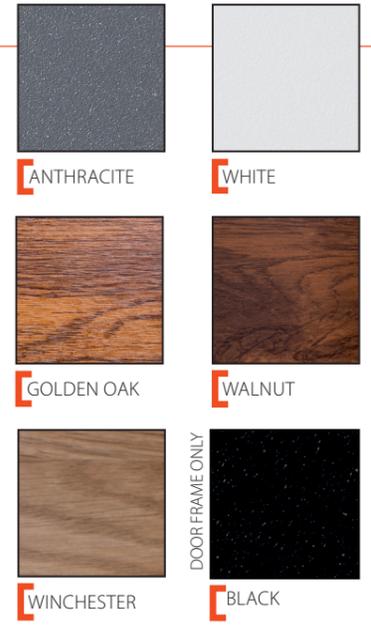


TECHNICAL INFORMATION

STEEL AND ALUMINIUM DOORS

92mm

- 92 mm thick door leaf covered with PVC veneer in anthracite, white, golden oak, walnut or winchester color
- filling: XPS foam
- door leaf and frame with rubber seals
- plastic rail and stile set strengthened by wooden rail and stile set
- door leaf in the four-sided rebate system
- 6 pieces of anti-burglary pins
- 3D adjustable hinges
- 5 point Winkhaus locking system
- aluminium door frame filled with insulating material, covered with PVC veneer in the same color as the door leaf or in black, with thermal break threshold
- two hardware options: traditional - HAGA VDV handle with key lock switch or modern - SETTO SOLO handle with key lock switch and single-sided 150 cm long rectangular pull-handle
- glazing: brown reflex glass, mirror glass, frosted glass, black and graphite glass are available only on a special customer order and for an additional cost
- P4 glass: panes with increased burglary resistance, available for all types of glazing, on special customer order and at additional cost (extra charge: 20%)



90 cm LEAF AND FRAME (DOOR SET) DIMENSIONS: 110 cm x 210 cm

THERMALLY INSULATED DOOR FRAME

**HEAT TRANSFER COEFFICIENT
FULL 0,62 W/(m²·K)
GLAZED 0,74 W/(m²·K)**

NO POSSIBILITY OF SHORTENING

DIMENSIONS

clear opening width (cm)	clear opening height (cm)	total door width (cm)	total door height (cm)	mounting hole width (cm)	mounting hole height (cm)
94	200	110	210	112	211



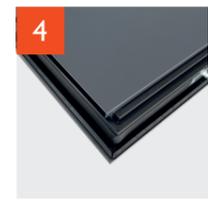
1 DOOR LEAF THICKNESS 92 mm



2 BOLT LOCK - 4 PIECES



3 MAIN KEY LOCK



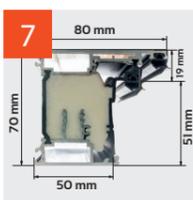
4 DOOR LEAF WITH FOUR-SIDED REBATE



5 ANTI-BURGLARY PINS - 6 PIECES



6 3D ADJUSTABLE HINGE



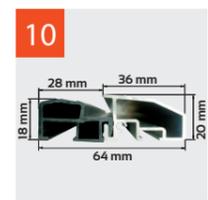
7 ALUMINIUM DOOR FRAME WITH INSULATION FOAM



8 STRIKER WITH LOCK PRESSURE ADJUSTMENT



9 TOP AND BOTTOM BOLT BRACKET



10 ALUMINIUM THRESHOLD WITH THERMAL BREAK



11 HAGA VDV HANDLE WITH KEY LOCK SWITCH

OR



12 SETTO SOLO HANDLE WITH KEY LOCK SWITCH AND DOOR PULL-HANDLE



13 HINGE COVERS



13 HINGE COVERS

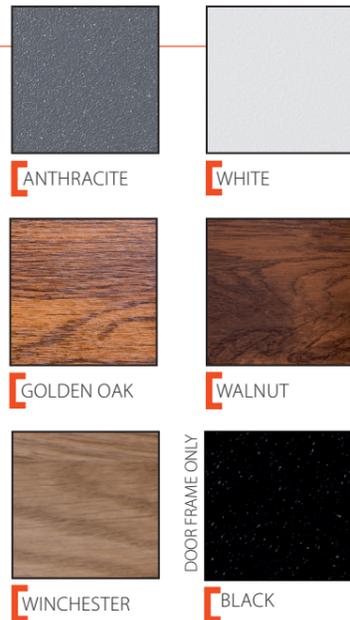


TECHNICAL INFORMATION

STEEL AND ALUMINIUM DOORS

68mm

- 68 mm thick door leaf covered with PVC veneer in anthracite, white, golden oak, walnut or winchester color
- filling: XPS foam
- door leaf and frame with rubber seals
- wooden rail and stile set
- door leaf in the four-sided rebate system
- 3 pieces anti-burglary pins
- 3D adjustable hinges
- 5 point Winkhaus locking system
- aluminium door frame filled with insulating material, covered with PVC veneer in the same color as the door leaf or in black, with thermal break threshold
- two hardware options: traditional - HAGA VDV handle with key lock switch or modern - SETTO SOLO handle with key lock switch and single-sided 150 cm long rectangular pull-handle
- glazing: brown reflex glass, mirror glass, frosted glass, black and graphite glass are available only on a special customer order and for an additional cost
- P4 glass: panes with increased burglary resistance, available for all types of glazing, on special customer order and at additional cost (extra charge: 20%)



90 cm LEAF AND FRAME (DOOR SET) DIMENSIONS: 102 cm x 210 cm

THERMALLY INSULATED DOOR FRAME

HEAT TRANSFER COEFFICIENT FULL 0,98 W/(m²·K) GLAZED 1,1 W/(m²·K)

DOOR SHORTENING FROM 4,5 cm TO 7 cm (EXTRA CHARGE)



DIMENSIONS

clear opening width (cm)	clear opening height (cm)	total door width (cm)	total door height (cm)	mounting hole width (cm)	mounting hole height (cm)
90	201	102	210	104	211



1 DOOR LEAF THICKNESS 68 mm



2 BOLT LOCK - 4 PIECES



3 MAIN KEY LOCK



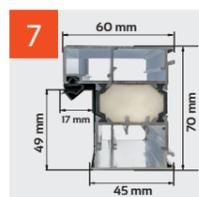
4 DOOR LEAF WITH FOUR-SIDED REBATE



5 ANTI-BURGLARY PINS - 3 PIECES



6 3D ADJUSTABLE HINGE



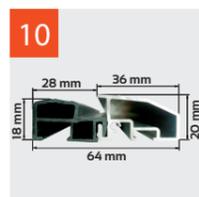
7 ALUMINIUM DOOR FRAME WITH INSULATION FOAM



8 STRIKER WITH LOCK PRESSURE ADJUSTMENT



9 TOP AND BOTTOM BOLT BRACKET



10 ALUMINIUM THRESHOLD WITH THERMAL BREAK



11 HAGA VDV HANDLE WITH KEY LOCK SWITCH

OR



12 SETTO SOLO HANDLE WITH KEY LOCK SWITCH AND DOOR PULL-HANDLE



13 HINGE COVERS



13 HINGE COVERS

92mm 68mm



traditional: door set with threshold and hardware [HAGA VDV handle, key lock switch]

modern: door set with threshold and hardware [SETTO SOLO handle, key lock switch and 150 cm long door pull-handle]

there is no extra charge for steel application around the glass, hardware or frame in black color



only 68 mm model can be shortened

[92MK1] [68MK1]



no possibility of shortening

[92MK2] [68MK2]



no possibility of shortening

[92MK2] [68MK2]



no possibility of shortening

[92MK3] [68MK3]



no possibility of shortening

[92MK3] [68MK3]



only 68 mm model can be shortened

[92MK4] [68MK4]



only 68 mm model can be shortened

[92MK5] [68MK5]



only 68 mm model can be shortened

[92MK6] [68MK6]

92mm 68mm



traditional: door set with threshold and hardware [HAGA VDV handle, key lock switch]

modern: door set with threshold and hardware [SETTO SOLO handle, key lock switch and 150 cm long door pull-handle]

there is no extra charge for steel application around the glass, hardware or frame in black color



no possibility of shortening

[92MK7] [68MK7]



no possibility of shortening

[92MK8] [68MK8]



only 68 mm model can be shortened

[92MK9] [68MK9]



only 68 mm model can be shortened

[92MK10] [68MK10]



only 68 mm model can be shortened

[92MK11] [68MK11]



only 68 mm model can be shortened

[92MK12] [68MK12]



only 68 mm model can be shortened

[92MK13] [68MK13]



only 68 mm model can be shortened

[92MK14] [68MK14]

92mm 68mm



only 68 mm model can be shortened

[92MK15] [68MK15]



only 68 mm model can be shortened

[92MK16] [68MK16]



only 68 mm model can be shortened

[92MK17] [68MK17]



only 68 mm model can be shortened

[92MK18] [68MK18]



only 68 mm model can be shortened

[92MK19] [68MK19]



only 68 mm model can be shortened

[92MK20] [68MK20]

TYPES OF GLAZING



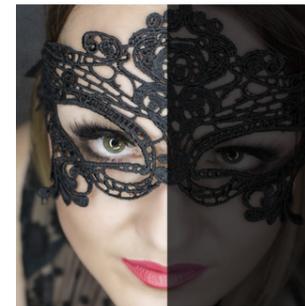
BROWN REFLEX GLASS
Brown tinted glass with semi-mirror effect. Translucent on both sides.



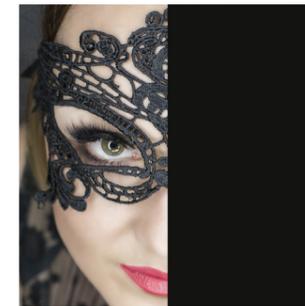
FROSTED GLASS
Easy to clean frosted glass. Semi-translucent.



MIRROR GLASS
The glass look like a silver mirror. Non-translucent.



GRAPHITE GLASS
Graphite tinted glass with semi-mirror effect. Translucent on both sides. Available only on a special customer order and at an additional cost.



BLACK GLASS
The glass look like a black mirror. Non-translucent. Available only on a special customer order and at an additional cost.

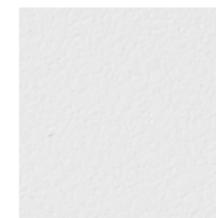


P4 GLASS
Safety glass built from two float glass panes both 4 mm of width, combines with four anti-burglary PVB foils. Available only on a special customer order and at an additional cost.

COLORS



[ANTHRACITE]



[WHITE]



[GOLDEN OAK]



[WALNUT]



[WINCHESTER]



[BLACK]

FULL LEAF APPLICATIONS

NEW

GLASS BLACK (black lacobel), SINTERED STONE

- GLASS BLACK applications are made of 4 mm thin black lacobel glass
- SINTERED STONE TAN and NERO applications are made of 1,5 - 2 mm thin natural stone on a fiberglass base



SHORTCUT FROM
4,5 cm TO 7 cm
ONLY FOR APPLICATION No. 7
(extra charge)

IMPORTANT!
Due to the structure and natural properties of minerals, photos may be different from reality.



APPLICATION No. 1



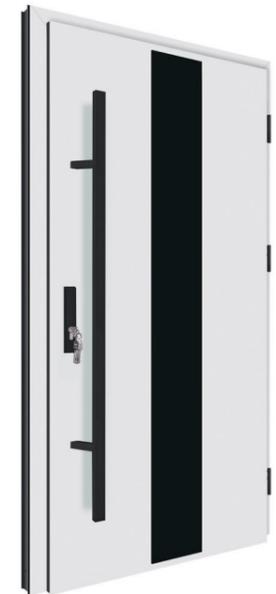
APPLICATION No. 2



APPLICATION No. 3



APPLICATION No. 4



APPLICATION No. 5



APPLICATION No. 6



APPLICATION No. 7

EXTRA CHARGE TO A FULL LEAF PRICE (MK1 IN SELECTED THICKNESS)

for GLASS BLACK APPLICATION No. 1-7 [single-sided]

for GLASS BLACK APPLICATION No. 1-7 [double-sided]

SINTERED STONE TAN / NERO APPLICATION No. 1-7 at the same price

APPLICATIONS



GLASS BLACK



SINTERED STONE TAN



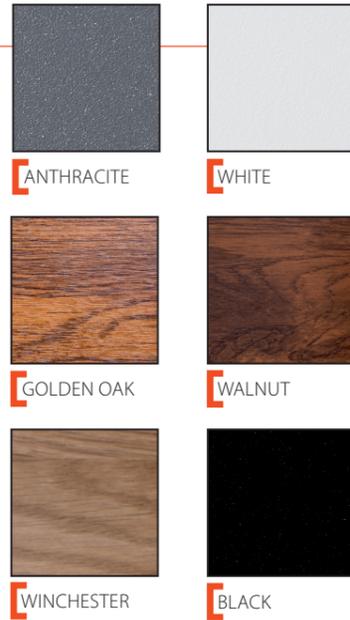
SINTERED STONE NERO

FANLIGHTS

for 92/68 mm steel and aluminium doors

- height of top fanlight from 20 to 70 cm
- width of side fanlight from 20 to 100 cm
- custom fanlight dimensions are available on special customer order and at an additional cost (extra charge: 20%)
- glazing: brown reflex glass, mirror glass, frosted glass, black and graphite glass are available only on a special customer order and at an additional cost
- P4 glass: panes with increased burglary resistance, available for all types of glazing, on special customer order and at additional cost (extra charge: 20%)
- top and side extension profile: 2,5 cm; 5 cm; 10 cm

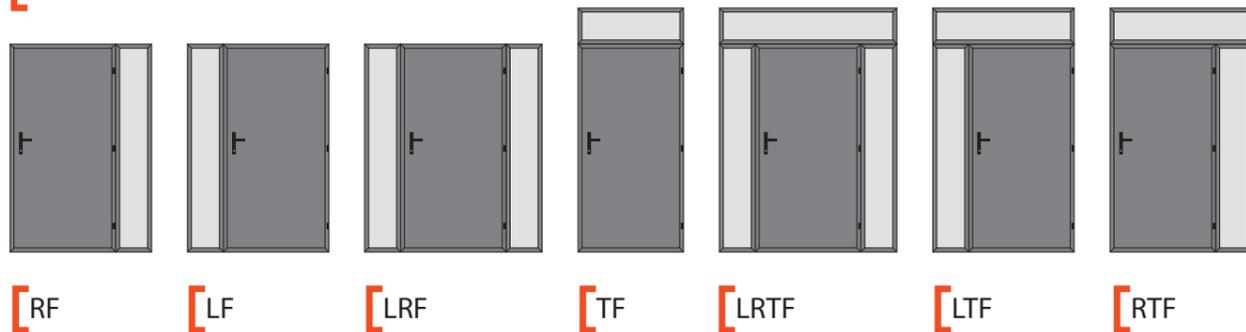
FANLIGHT CONSTRUCTION: screws fastening the door frame with the fanlight, expanding tape sealing the connection with the fanlight, gasket connecting the door frame with the fanlight



0,87 W/(m²·K)
HEAT TRANSFER COEFFICIENT

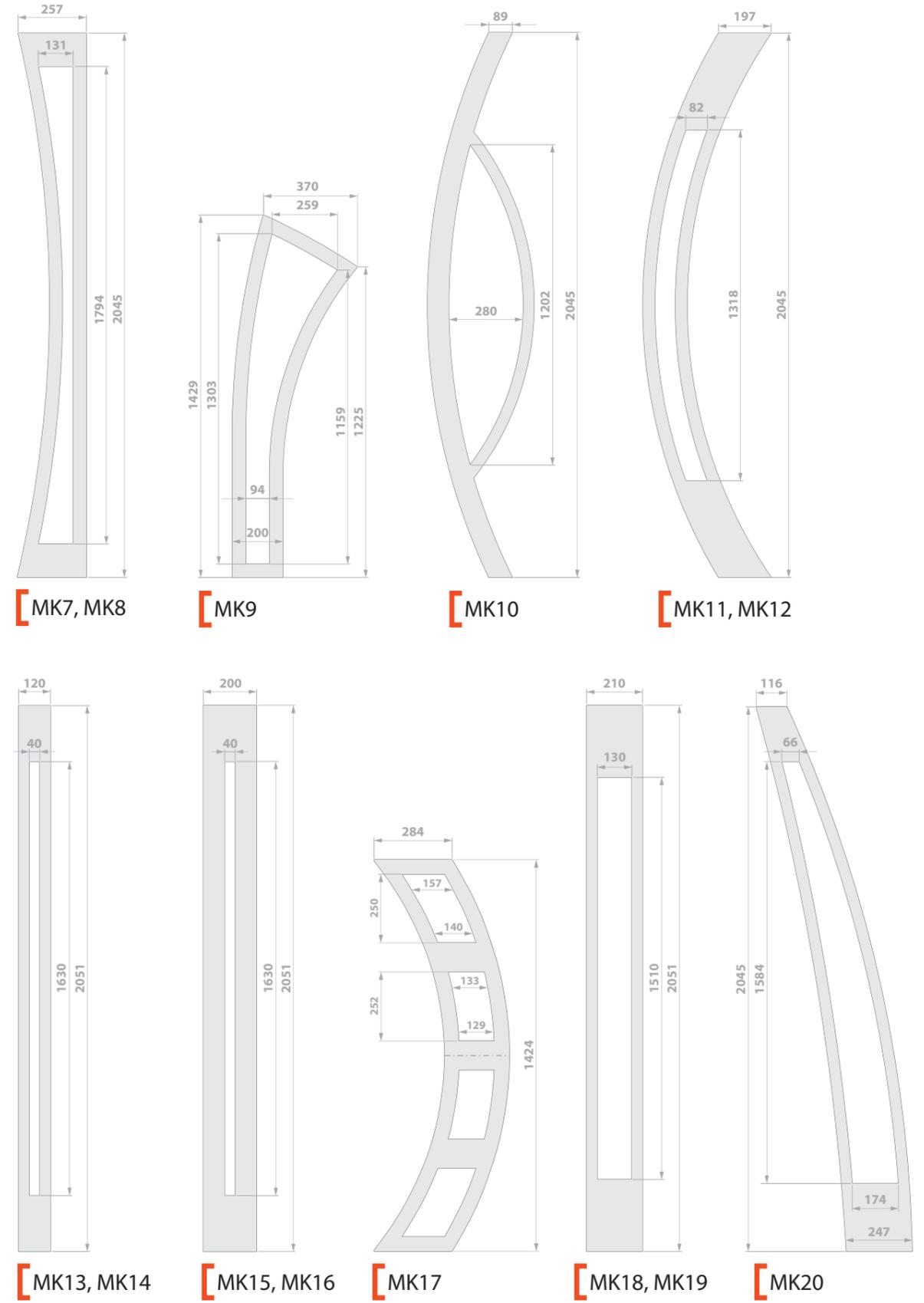
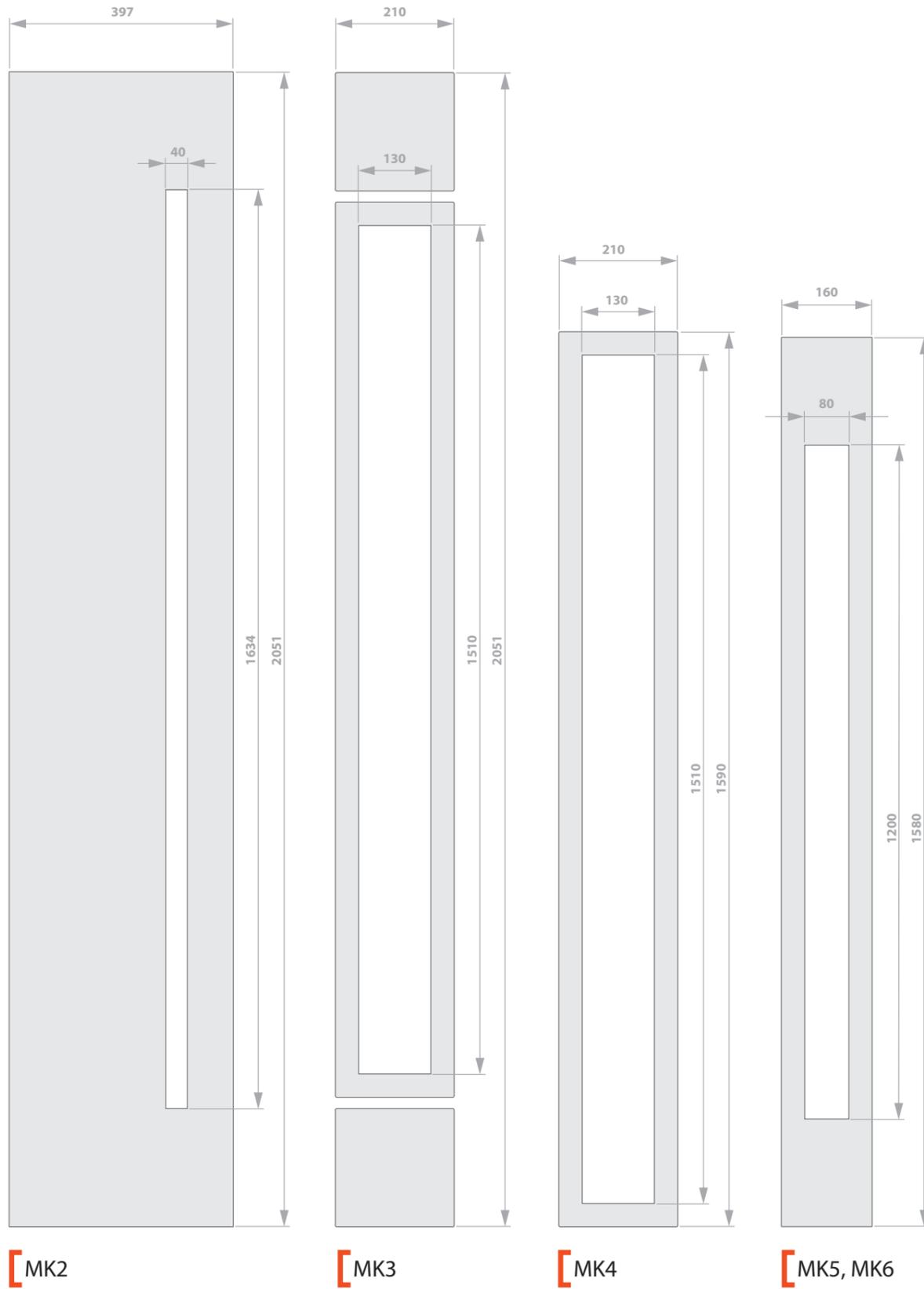
- 1 aluminium profile
- 2 thermal insulation foam
- 3 three panes of glass

OPTION TO CHOOSE:



STAINLESS STEEL APPLICATIONS

FROM THE EXTERNAL SIDE (wider side of the door leaf)





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