

ALUMINIUM PANEL DOORS



WIŚNIEWSKI

GATES | WINDOWS | DOORS | FENCES

ALUMINIUM PANEL DOORS side doors

Intended use: Aluminium side doors are used as an additional garage entrance in garages fitted with a sectional or roller garage door. In a double-leaf version, they can also serve as a garage door. The door has proven itself in areas with non-standard installation conditions. Single- or double-leaf aluminium doors are intended for use in private buildings, utility rooms, and industrial buildings.

THERMAL INSULATION

The heat transfer coefficient of the DoorTherm 86 door starts from 1.0 W/m²K. The value applies to double-leaf doors sized 2,880 x 2,660 [mm].

SAFETY

In the double-leaf DoorPro 70 RC doors, burglary resistance class RC3 according to EN 1627:2011 and SKG*** according to NEN 5096:2012 is available.

WIŚNIEWSKI Connected

The smartCONNECTED concept integrates doors with the smart home system and lets you control them from your phone.



DoorTherm 86

ALUMINIUM DOORS



CHARACTERISTICS

Description

Single- or double-leaf DoorTherm 86 (Aluprof MB86N ST) external aluminium doors with a thermal break: the leaf frame and the opening frame are made of 77 [mm] deep three-chamber aluminium sections with a thermal break. The MB-86 ST system features a hollow central chamber inside composite profiles between the thermal breaks. The leaf frame and the opening frame are powder-coated.

Leaf infill

The leaf is infilled with a 60 [mm] steel panel thermally insulated with polyurethane foam; an additional sealing sheet in a colour matching the door is mounted on the inside. On the outside, the panel structure corresponds to UniTherm sectional garage doors.

Sealing system

The doors feature a threshold with a thermal break and rebate gaskets along the entire perimeter of the leaf and the opening frame. The infill is mounted with gaskets and glazing beads. The door structure ensures excellent thermal performance.

Accessories

Aluminium doors are equipped as standard with a three-point hook lock with a standard lock cylinder and H1/S2 handles made of a ZnAl alloy, coated with a brushed nickel galvanic finish (stainless steel effect). The leaf of the DoorTherm 86 door is fitted with three double-leaf surface hinges or, when required, four double-leaf surface hinges. The number of hinges is defined by the design engineer at the manufacturing stage. The DoorTherm 86 doors can

optionally be fitted with an autotronic motorized lock with deadbolts or a multitronic motorized lock with hook bolts. The three-point hook lock can optionally be fitted with an auxiliary lock located in the upper part of the leaf.

Door thermal performance

The heat transfer coefficient is calculated for each ordered product and depends on the dimensions, type of profiles and infill. Example calculations for the DoorTherm 86 doors can be found below:

- single-leaf doors 1,499x2,660 [mm] - 1.1 [W/m²K],
- double-leaf doors 2,880x2,660 [mm] -1.0 [W/m²K].

VIEWS, DOOR CROSS-SECTIONS

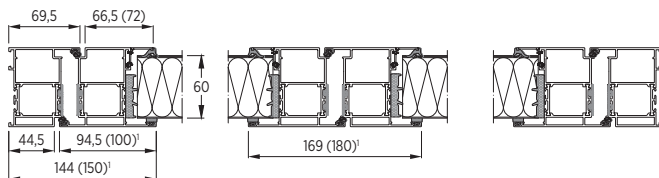


Fig. 1. Horizontal cross-section of the DoorTherm 86 aluminium door with a thermal break (door infilled with a 60 [mm] steel panel) - the MB86N ST system.

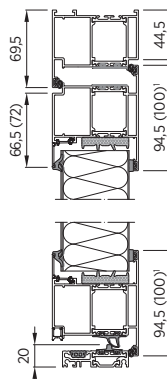


Fig. 2. Vertical cross-section of the DoorTherm 86 aluminium door with a thermal break (door infilled with a 60 [mm] steel panel) - the MB86N ST system.



DoorPro 70

ALUMINIUM DOORS



CHARACTERISTICS

Description

Single-leaf or double-leaf DoorPro 70 (Aluprof MB79N ST) external aluminium doors with a thermal break: the leaf frame and the opening frame are made of 70 [mm] deep three-chamber aluminium sections with a thermal break. The system features 24 [mm] wide omega-shaped thermal breaks made of glass fibre-reinforced polyamide. This special shape of the thermal breaks improves the stiffness of the profiles in comparison to flat thermal breaks and ensures better water draining from the sections. The leaf frame and the opening frame are powder-coated.

Leaf infill

The leaf is infilled with a 40 [mm] steel panel thermally insulated with polyurethane foam. On the outside and inside, the panel structure corresponds to the UniPro sectional garage doors. On the inside, the panel is painted in a colour similar to RAL 9002 (except for panel joints).

Sealing system

The doors feature a threshold with a thermal break and rebate gaskets along the entire perimeter of the leaf and the opening frame. The infill is mounted with gaskets and glazing beads. The door structure ensures excellent thermal performance.

Accessories

Aluminium doors are equipped as standard with a three-point hook lock with a standard lock cylinder and H1/S2 handles made of a ZnAl alloy, coated with a brushed nickel galvanic finish (stainless steel effect). The leaf of the DoorPro 70 door is fitted with 3 double-leaf surface hinges in a RAL colour

similar to the door colour. The DoorPro 70 doors can optionally be fitted with an autotronic motorized lock with deadbolts or a multitronic motorized lock with hook bolts. The three-point hook lock can optionally be fitted with an auxiliary lock located in the upper part of the leaf.

Door thermal performance

The heat transfer coefficient is calculated for each ordered product and depends on the dimensions, type of profiles and infill. Example calculations for the DoorPro 70 doors can be found below:

- single-leaf doors 1,310x2,470 [mm] – 1.5 [W/m²K],
- double-leaf doors 2,499x2,470 [mm] – 1.0 [W/m²K].

VIEWS, DOOR CROSS-SECTIONS

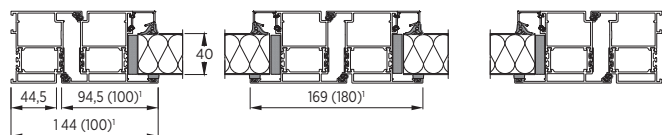


Fig. 3. Horizontal cross-section of the DoorPro 70 aluminium door with a thermal break (door infilled with a 40 [mm] steel panel) – the MB79N ST system.

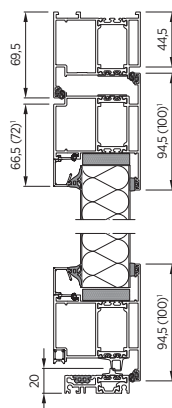


Fig. 4. Vertical cross-section of the DoorPro 70 aluminium door with a thermal break (door infilled with a 40 [mm] steel panel) – the MB79N ST system.



DoorPro 70 RC

ALUMINIUM DOORS

CHARACTERISTICS

Description

Double-leaf DoorPro 70 RC (Aluprof MB70) external aluminium doors with a thermal break: the leaf frame and the opening frame are made of 70 [mm] deep three-chamber aluminium sections with a thermal break. The system features 24 [mm] wide omega-shaped thermal breaks made of glass fibre-reinforced polyamide. This special shape of the thermal breaks improves the stiffness of the profiles in comparison to flat thermal breaks and ensures better water draining from the sections. The leaf frame and the opening frame are powder-coated.

Leaf infill

The leaf is infilled with a 40 [mm] steel panel thermally insulated with polyurethane foam. On the outside, the panel structure corresponds to the UniPro sectional garage doors. The colour of the additional sealing and reinforcing sheet installed on the inside of the DoorPro 70 RC double-leaf doors in the RC3/SKG*** anti-burglary version matches the colour of the door.

Sealing system

The doors feature a threshold with a thermal break and rebate gaskets along the entire perimeter of the leaf and the opening frame. The infill is mounted with gaskets and glazing beads. The door structure ensures excellent thermal performance.

Accessories

Aluminium doors are equipped as standard with a three-point lock with integrated steel hooks and bolts, DOM SKG*** anti-burglary lock cylinder, Liverpool SKG*** handle, three anti-burglary bolts per leaf, 4 roller hinges per leaf, and a central deadbolt.

Door thermal performance

The heat transfer coefficient is calculated for each ordered product and depends on the dimensions, type of profiles and infill. Example calculations for the DoorPro 70 RC doors can be found below:

- single-leaf doors 1,310x2,470 [mm] – 1.5 [W/m²K],
- double-leaf doors 2,499x2,470 [mm] – 1.0 [W/m²K].

VIEWS, DOOR CROSS-SECTIONS

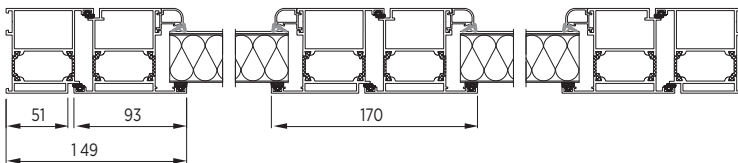


Fig. 5. Horizontal cross-section of the DoorPro 70 RC aluminium door with a thermal break in the RC3 anti-burglary version (door infilled with a 40 [mm] steel panel) – the MB70 system.

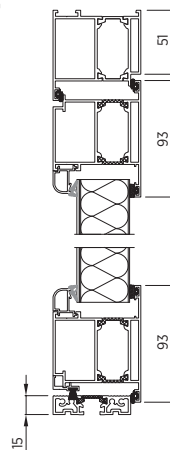


Fig. 6. Vertical cross-section of the DoorPro 70 RC aluminium door with a thermal break in the RC3 anti-burglary version (door infilled with a 40 [mm] steel panel) – the MB70 system.



DoorPro 60

ALUMINIUM DOORS



CHARACTERISTICS

Description

Single- or double-leaf DoorPro 60 (Aluprof MB60E) external aluminium doors with a thermal break: the leaf frame and the opening frame are made of 60 [mm] deep three-chamber aluminium sections with a thermal break. The leaf frame and the opening frame are powder-coated.

Leaf infill

The leaf is infilled with a 40 [mm] steel panel thermally insulated with polyurethane foam. On the outside and inside, the panel structure corresponds to the UniPro sectional garage doors. The panel colour on the inside is similar to RAL 9002 (except for panel joints).

Sealing system

The doors feature a threshold with a thermal break and rebate gaskets along the entire perimeter of the leaf and the opening frame. The infill is mounted with gaskets and glazing beads.

Accessories

Aluminium doors are equipped as standard with a three-point hook lock with a standard lock cylinder and H1/S2 handles made of a ZnAl alloy, coated with a brushed nickel galvanic finish (stainless steel effect). The leaf of the DoorPro 60 door is fitted with 3 double-leaf surface hinges in a RAL colour similar to the door colour. The DoorPro 60 doors can optionally be fitted with an autotronic motorized lock with deadbolts or a multitronic motorized lock with hook bolts. The three-point hook lock can optionally be fitted with an auxiliary lock located in the upper part of the leaf.

Door thermal performance

The heat transfer coefficient is calculated for each ordered product and depends on the dimensions, type of profiles and infill. Example calculations for the DoorPro 60 doors can be found below:

- single-leaf doors 1,300x2,450 [mm] - 1.5 [W/m²K],
- double-leaf doors 2,460x2,450 [mm] - 1.5 [W/m²K].

VIEWS, DOOR CROSS-SECTIONS

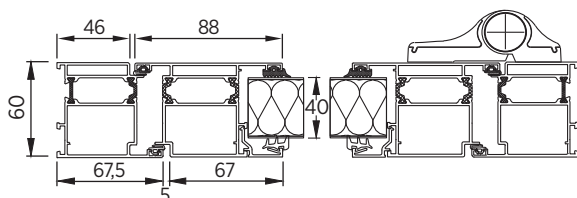


Fig. 7. Horizontal cross-section of the DoorPro 60 aluminium door with a thermal break (door infilled with a 40 [mm] steel panel) - the MB 60E system.

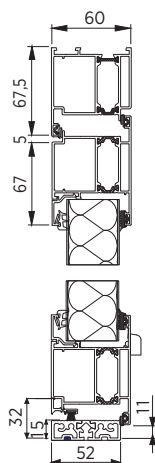


Fig. 8. Vertical cross-section of the DoorPro 60 aluminium door with a thermal break (door infilled with a 40 [mm] steel panel) - the MB 60E system.



DoorPro 45

ALUMINIUM DOORS



CHARACTERISTICS

Description

Single- or double-leaf DoorPro 45 (AW 45) aluminium doors without a thermal break: the leaf frame and the opening frame are made of 45 [mm] deep single-chamber aluminium sections without a thermal break. The leaf frame and the opening frame are powder-coated.

Leaf infill

The leaf is infilled with a 40 [mm] steel panel thermally insulated with polyurethane foam. On the outside and inside, the panel structure corresponds to the UniPro sectional garage doors. On the inside, the panel is painted in a colour similar to RAL 9002 (except for panel joints).

Sealing system

The doors feature a threshold and rebate gaskets along the entire perimeter of the leaf and the opening frame. The infill is mounted without clip fasteners.

Accessories

Aluminium doors are equipped as standard with a three-point hook lock with a standard lock cylinder and H1/S2 handles made of a ZnAl alloy, coated with a brushed nickel galvanic finish (stainless steel effect). The DoorPro 45 single-leaf door is fitted with 2 roller hinges, whereas the double-leaf door is fitted with 3 roller hinges per leaf. The three-point hook lock can optionally be fitted with an auxiliary lock located in the upper part of the leaf.

VIEWS, DOOR CROSS-SECTIONS

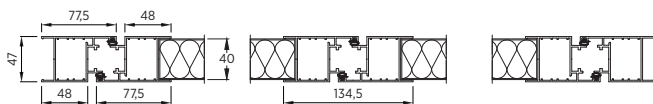


Fig. 9. Horizontal cross-section of the DoorPro 45 door without a thermal break (door infilled with a 40 [mm] steel panel) – the AW45 system.

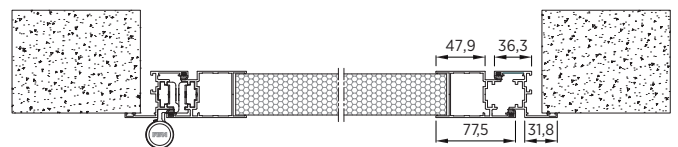


Fig. 11. Horizontal cross-section of the DoorPro 45 door without a thermal break (door infilled with a 40 [mm] steel panel) – the AW 45 system with a corner frame

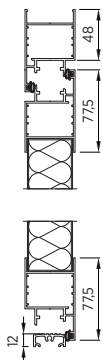


Fig. 10. Horizontal cross-section of the DoorPro 45 aluminium door without a thermal break (door infilled with a 40 [mm] steel panel) – the AW45 system.

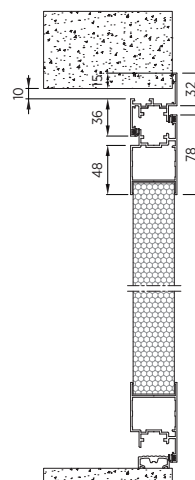


Fig. 12. Vertical cross-section of the DoorPro 45 door without a thermal break (door infilled with a 40 [mm] steel panel) – the AW 45 system with a corner frame



DoorLight 45

ALUMINIUM DOORS

CHARACTERISTICS

Description

Single- or double-leaf DoorLight 45 (Aluprof MB 45) external aluminium doors: the leaf frame and the opening frame are made of 45 [mm] deep single-chamber aluminium sections without a thermal break. The leaf frame and the opening frame are powder-coated.

Leaf infill

The leaf is infilled with an aluminium profile from the AW 77 or AW 100 roller door, infilled with polyurethane foam; an additional sealing sheet in a colour matching the door colour is mounted on the inside.

Sealing system

The doors feature a threshold and rebate gaskets along the entire perimeter of the leaf and the opening frame. The infill is mounted with gaskets and glazing beads.

Accessories

Aluminium doors are equipped as standard with a one-point lock with a standard lock cylinder and H1/S2 handles made of a ZnAl alloy, coated with a brushed nickel galvanic finish (stainless steel effect). The leaf of the DoorLight 45 door is fitted with two double-leaf surface hinges or, when required, three double-leaf surface hinges. The number of hinges is defined by the design engineer at the manufacturing stage.



VIEWS, DOOR CROSS-SECTIONS

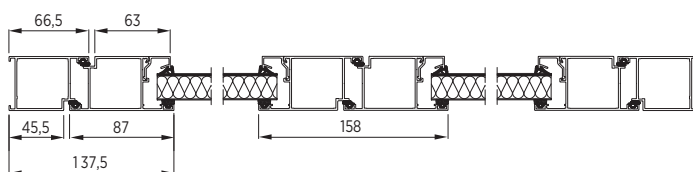


Fig. 13. Horizontal cross-section of the DoorLight 45 door without a thermal break (door infilled with the AW 77 or AW 100 aluminium profile) – the MB 45 system.

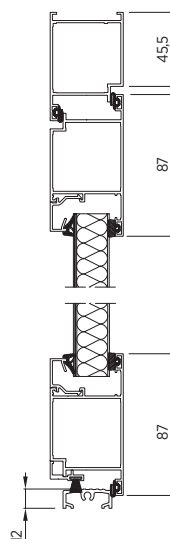


Fig. 14. Vertical cross-section of the DoorLight 45 door without a thermal break (door infilled with the AW 77 or AW 100 aluminium profile) – the MB 45 system.



DOOR INFILLS

PANEL 60 mm

60 [mm] thick steel panel with ribs (Fig. 15, Fig. 16) infilled with freon-free polyurethane foam. On the outside and inside, the panel structure corresponds to the UniTherm sectional garage doors. The panel is made of galvanized sheet. In the DoorTherm 86 doors, an additional sealing and reinforcing sheet is mounted on the inside of the leaf, finished in the door colour. In the standard version, the steel panel is mounted in the horizontal variant. In the DoorTherm 86 doors, the panel can optionally be mounted in the vertical variant.

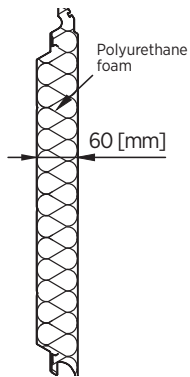


Fig. 15. 60 [mm] steel panel without ribs (G).

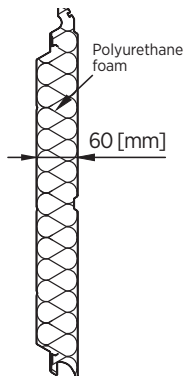
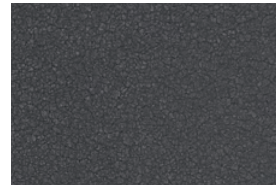


Fig. 16. 60 [mm] steel panel with high ribs (W).

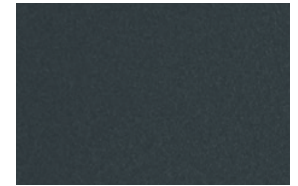
Panel structure



Smoothgrain



Sandgrain



Silkline

DESIGNS



Fig. 17. Side door made of panels without ribs



Fig. 18. Side door made of panels with high ribs

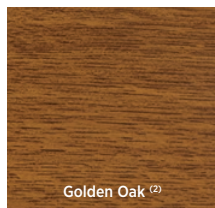
PROFILE AND PANEL COLOURS

Profile colour



RAL 8003 ⁽¹⁾

Panel colour: Smoothgrain

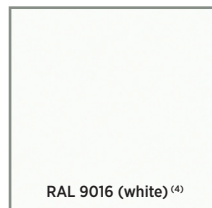


Golden Oak ⁽²⁾



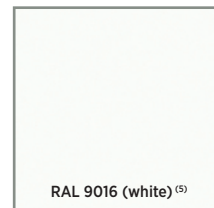
Film coatings ⁽³⁾

Profile colour



RAL 9016 (white) ⁽⁴⁾

Panel colour: Silkline



RAL 9016 (white) ⁽⁵⁾



Other RAL (painted) ^{(6) (8)}



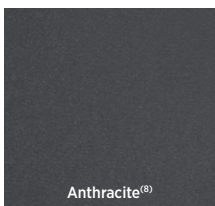
HI 2.0 colours

Profile colour



Anthracite ⁽⁷⁾

Panel colour: Sandgrain



Anthracite ⁽⁸⁾

⁽¹⁾ Example for the Golden Oak colour. For doors infilled with a sectional door panel in wood-effect colours, the profiles are powder-coated on both sides in a matching colour as standard. Optionally, the external side of the door can be finished with a wood-effect film coating, while on the inside, the door can be in RAL 9002. See page 10 for available colours.

⁽²⁾ Example for the Golden Oak colour with the Smoothgrain texture. See page 10 for available colours.

⁽³⁾ Only panels without ribs and with high ribs with the Smoothgrain texture.

⁽⁴⁾ Example for the RAL 9016 profile colour. RAL 7016 also available as standard.

⁽⁵⁾ Example for the Silkline and RAL 9016 panel colour. Silkline RAL 7016 also available as standard.

⁽⁶⁾ Applicable to colours for the opening frame and leaf profiles and the panel.

⁽⁷⁾ Powder coating in a mat structure colour.

⁽⁸⁾ Shade differences may occur between the colour of the profiles and the panel.



PANEL 40 mm

40 [mm] thick steel panel with ribs (Fig. 19, Fig. 20, Fig. 21, Fig. 22) infilled with freon-free polyurethane foam. On the outside and inside, the panel structure corresponds to the UniPro sectional garage doors. The panel is made of galvanized sheet. In the DoorPro 60 and DoorPro 70 doors, the panel interior is finished in a colour similar to RAL 9002 (except for panel joints). The colour of the additional sealing and reinforcing sheet installed on the inside of the DoorPro 70 RC double-leaf doors in the RC3/SKG*** anti-burglary version matches the colour of the leaf and opening frame profiles. In the standard version, the steel panel is mounted in the horizontal variant. In the DoorPro 70 doors, the panel can optionally be mounted in the vertical variant.

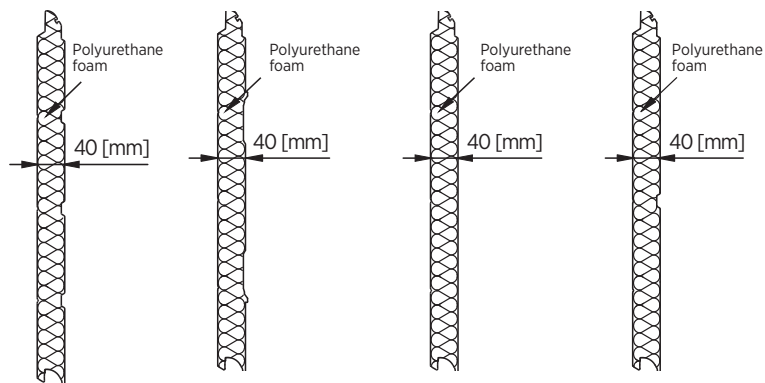


Fig. 19. 40 [mm] steel panel with low ribs (N).

Fig. 20. 40 [mm] steel panel with caisson ribs (K).

Fig. 21. 40 [mm] steel panel without ribs (G).

Fig. 22. 40 [mm] steel panel with high ribs (W).

Panel structure



Silkline, panel with V ribs

COLOURS AND DESIGNS



Fig. 23. Side door made of panels with low ribs



Fig. 24. Side door made of panels with V ribs

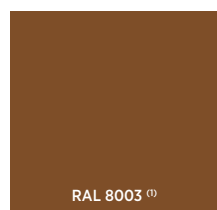


Fig. 25. Side door made of panels with caisson ribs



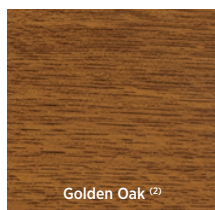
PROFILE AND PANEL COLOURS

Profile colour



RAL 8003 ⁽¹⁾

Panel colour: Smoothgrain

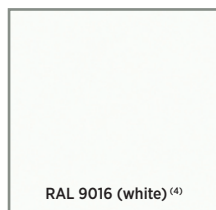


Golden Oak ⁽²⁾



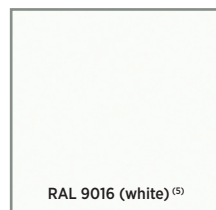
Film coatings ⁽³⁾

Profile colour



RAL 9016 (white) ⁽⁴⁾

Panel colour: Silkline



RAL 9016 (white) ⁽⁵⁾

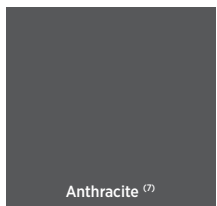


Other RAL (painted) ^{(6) (8)}



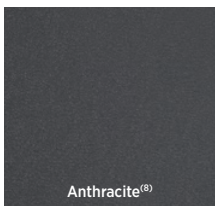
HI 2.0 colours

Profile colour



Anthracite ⁽⁷⁾

Panel colour: Sandgrain



Anthracite ⁽⁸⁾

⁽¹⁾ Example for the Golden Oak colour. For doors infilled with a sectional door panel in wood-effect colours, the profiles are powder-coated on both sides in a matching colour as standard. Optionally, the external side of the door can be finished with a wood-effect film coating, while on the inside, the door can be in RAL 9002. See page 10 for available colours.

⁽²⁾ Example for the Golden Oak colour with the Smoothgrain texture. See page 10 for available colours.

⁽³⁾ Only panels without ribs and with high ribs with the Smoothgrain texture.

⁽⁴⁾ Example for the RAL 9016 profile colour. RAL 8014, RAL 9006, RAL 7016 also available as standard.

⁽⁵⁾ Example for the Silkline and RAL 9016 panel colour. Silkline RAL 7016, Woodgrain: RAL 9016, RAL 7016, RAL 8014, and RAL 9006, Silkline with V ribs in RAL 9006 also available as standard.

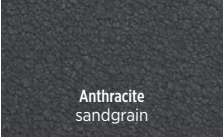
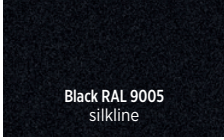
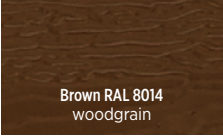
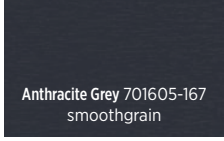
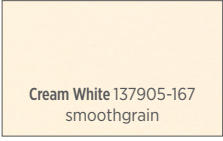
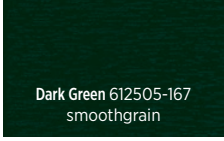
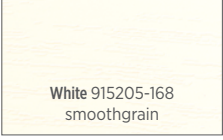
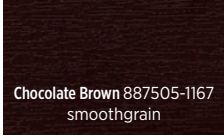
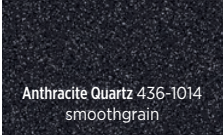
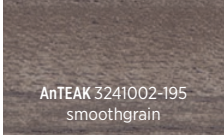
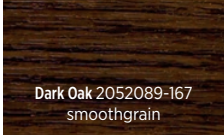
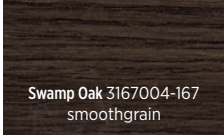
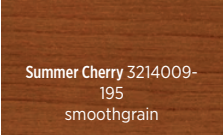
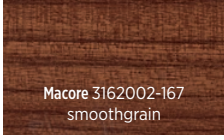
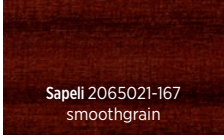
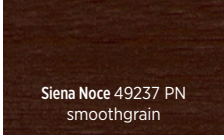
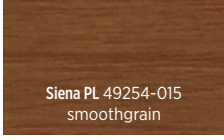
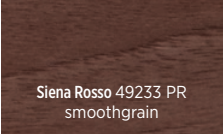
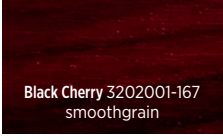
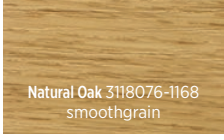
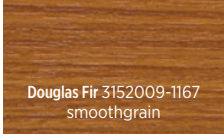
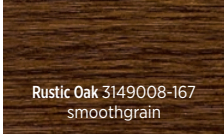
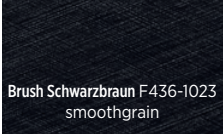
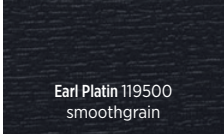
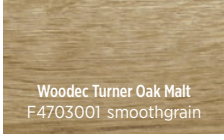
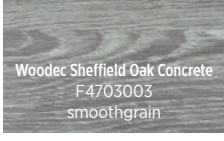
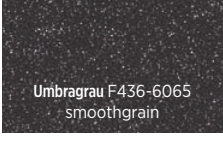
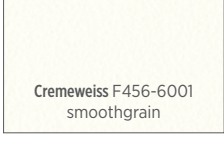
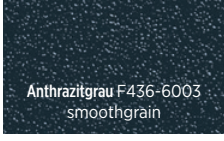
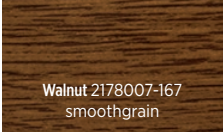
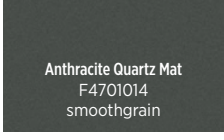
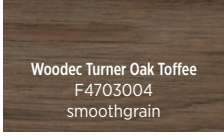
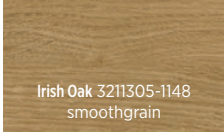
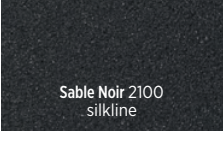
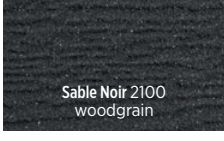
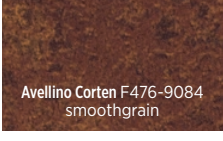
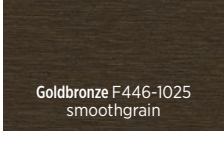
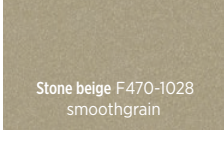
⁽⁶⁾ Applicable to colours for the opening frame and leaf profiles and the panel.

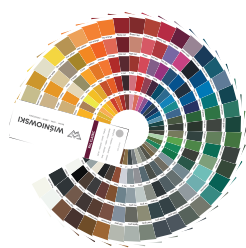
⁽⁷⁾ Powder coating in a mat structure colour.

⁽⁸⁾ Shade differences may occur between the colour of the profiles and the panel.



AVAILABLE COLOURS:

 Anthracite sandgrain	 Golden Oak woodgrain	 Walnut woodgrain	 Graphite RAL 7016 woodgrain	 Graphite RAL 7016 silkline	 Black RAL 9005 silkline
 Brown RAL 8014 woodgrain	 Silver RAL 9006 woodgrain	 Silver RAL 9006 silkline	 White RAL 9016 woodgrain	 White RAL 9016 silkline	 Golden Oak smoothgrain
 Walnut smoothgrain	 Anthracite Grey 701605-167 smoothgrain	 Cream White 137905-167 smoothgrain	 Dark Green 612505-167 smoothgrain	 Metbrush Silver F436-1002 smoothgrain	 Silbergrau 116700 smoothgrain
 White 915205-168 smoothgrain	 Chocolate Brown 887505-1167 smoothgrain	 Anthracite Quartz 436-1014 smoothgrain	 AnTEAK 3241002-195 smoothgrain	 Dark Oak 2052089-167 smoothgrain	 Swamp Oak 3167004-167 smoothgrain
 Summer Cherry 3214009- 195 smoothgrain	 Macore 3162002-167 smoothgrain	 Oregon 1192001-167 smoothgrain	 Sapeli 2065021-167 smoothgrain	 Siena Noce 49237 PN smoothgrain	 Siena PL 49254-015 smoothgrain
 Siena Rosso 49233 PR smoothgrain	 Winchester 49240 XA smoothgrain	 Black Cherry 3202001-167 smoothgrain	 Natural Oak 3118076-1168 smoothgrain	 Douglas Fir 3152009-1167 smoothgrain	 Rustic Oak 3149008-167 smoothgrain
 Sheffield Oak Light F 456-3081 smoothgrain	 Sheffield Oak Grey F 436-3086 smoothgrain	 Brush Schwarzbraun F436-1023 smoothgrain	 Earl Platin 119500 smoothgrain	 Black Ulti-Mat PX47097 smoothgrain	 Woodec Turner Oak Malt F4703001 smoothgrain
 Woodec Sheffield Oak Alpine F4703002 smoothgrain	 Woodec Sheffield Oak Concrete F4703003 smoothgrain	 Umbragrau F436-6065 smoothgrain	 Fenstergrau F436-6066 smoothgrain	 Cremeweiss F456-6001 smoothgrain	 Anthrazitgrau F436-6003 smoothgrain
 Dark Grey Silk 4367003 smoothgrain	 Golden Oak 2178001-167 smoothgrain	 Walnut 2178007-167 smoothgrain	 Anthracite Quartz Mat F4701014 smoothgrain	 Woodec Turner Oak Toffee F4703004 smoothgrain	 Irish Oak 3211305-1148 smoothgrain
 Sable Noir 2100 silkline	 Sable Noir 2100 woodgrain	 Avellino Corten F476-9084 smoothgrain	 Goldbronze F446-1025 smoothgrain	 Stone beige F470-1028 smoothgrain	



WIŚNIEWSKI aluminium panel side doors are available in a wide range of colours. We offer the possibility to match the door and garage door to the individual character of the building and your needs so that the door not only closes off the building, but constitutes its integral part that perfectly corresponds with the company colours, façade or the surrounding environment. The colours of the film coatings, panel, and opening frame are available according to the price list guidelines.

Aluminium doors infilled with a steel panel can be painted in any RAL colour or structural colour (except for colours with a pearlescent, reflective or metallic finish). The leaf frame and the opening frame are powder-coated, the panel is spray-painted. The shades of powder-coated and spray-painted elements may differ slightly. In the DoorPro 70 and DoorPro 60, as well as DoorPro 45 doors, the panel is painted on one side only – from the external side – on the inside, the panel is in a colour similar to RAL 9002 (except for panel joints). The colour of the additional sealing sheet installed on the inside of the DoorTherm 86 door and DoorPro 70 RC door in the anti-burglary version matches the colour of the door.

HOME INCLUSIVE 2.0 colours

Home Inclusive 2.0 is a collection combining four product groups: Garage Doors | Windows | Doors | Gates and Fences. Doors can be painted in 16 structural colours (mat structure):

HI EARTH



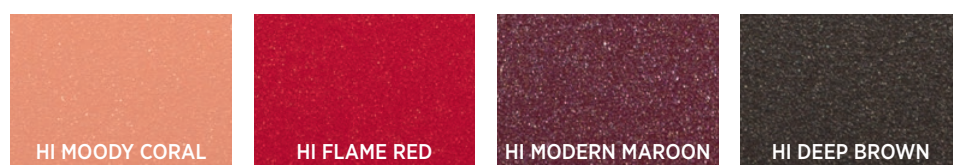
HI STONE



HI STEEL



HI RUBY



HI palette special colours:



We recommend that doors in light colours should be fitted on the side exposed to sunlight. It is not recommended to fit dark colour doors in such conditions, in particular the following RAL colours: 3007, 4006, 4007, 5004, 5008, 5010, 5011, 5020, 5022, 6008, 6009, 6015, 6022, 7015, 7016, 7021, 7024, 7026, 7043, 8014, 8019, 8022, 9004, 9005, 9011, 9017, 9021, Anthracite, Walnut, Macore, Dark Oak, Swamp Oak, Siena Noce, Siena Rosso, Anthracite Quartz, Summer Cherry, Sapeli, Dark Green, Sheffield Oak Brown, Rustic Oak, Chocolate Brown, Black Ulti-mat, Brush Schwarzbraun, Umbragrau, Anthrazitgrau.

When a dark colour is chosen for doors installed on the side exposed to sunlight, the panels can heat up, which may result in deformation. The panel cannot be painted on the inside. When ordering doors in matching colours in different orders (supply batches), the colour hues can differ due to technological reasons.



ALUMINIUM PROFILE

The **aluminium panel from** the roller door (Fig. 27, Fig. 29) is infilled with polyurethane foam. The aluminium profile is only used with the DoorLight 45 door without a thermal break (the MB 45 system).

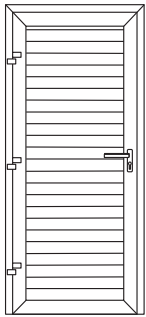


Fig. 26. Aluminium doors with the AW 77 profile.

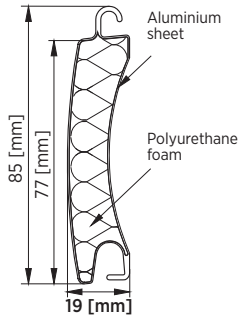


Fig. 27. AW 77 profile.

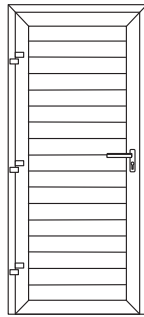


Fig. 28. Aluminium doors with the AW 100 profile.

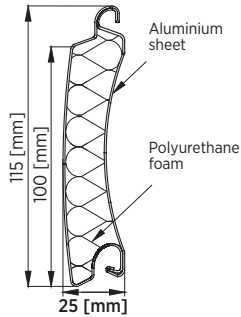


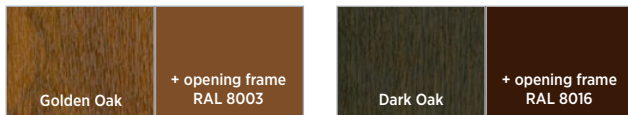
Fig. 29. AW 100 profile.

COLOURS

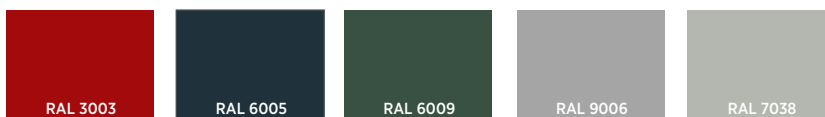
The **DoorLight 45** doors infilled with the AW 77 aluminium profile are available in the following colours (both sides), just like roller doors:



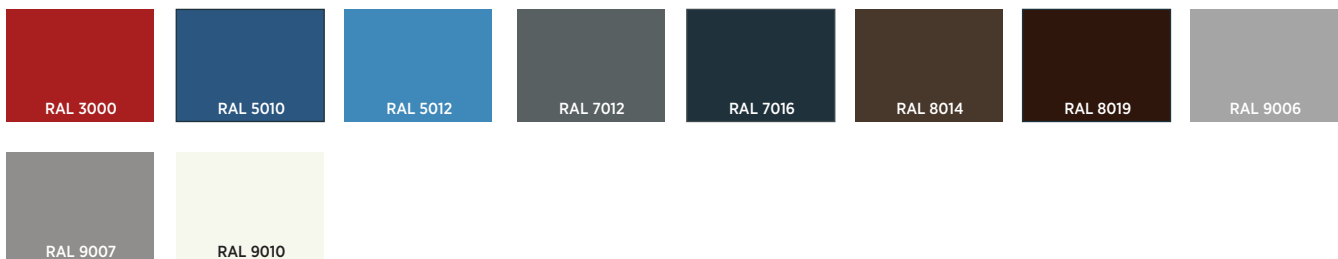
and in wood-effect colours:



Moreover, they are available in colours similar to:



The **DoorLight 45** doors infilled with the AW 100 aluminium profile are available in the following colours:





GLAZING

The DoorPro 70 and DoorPro 60, as well as DoorPro 45 doors infilled with a steel panel can be fitted with glazing:



Fig. 30. Single- and double-leaf aluminium door, low ribs, type A-1 glazing



Fig. 31. Single- and double-leaf aluminium door, low ribs, type O glazing



Fig. 32. Single- and double-leaf aluminium door, high ribs, type A-1 glazing



Fig. 33. Single- and double-leaf aluminium door, high ribs, type O glazing



Fig. 34. Single- and double-leaf aluminium door, no ribs, type A-1 glazing



Fig. 35. Single- and double-leaf aluminium door, no ribs, type O glazing



Fig. 36. Single- and double-leaf aluminium door, V ribs, type A-1 glazing



Fig. 37. Single- and double-leaf aluminium door, V ribs, type O glazing



Fig. 38. Single- and double-leaf aluminium door, caisson ribs, type A-1 glazing



The minimum width of doors with type A-1, C-1, and E-1 glazing is 900 [mm], and with type O, O-1A, O-2A, R-1A, and R-2A glazing, the minimum width of doors is 600 [mm]. The minimum width of single-leaf doors for the A-3 porthole is 950 [mm].

Glazing (design 1 or design 2) is available with the DoorTherm 86, DoorPro 70, and DoorPro 60 doors.



Fig. 39. Double-leaf aluminium door, glazing design 1, width 210 mm.



Fig. 40. Double-leaf aluminium door, glazing design 2, height 500 mm.



Glazing is not available with the DoorPro 70 RC door.



Type A-1, C-1, E-1 – infill: double clear acrylic glass; frame: PVC, rough surface, outer colour – see table 1 (inner colour is always white).

Type A-3 – made of double clear acrylic glass, with a smooth frame surface. Black external and internal frame. Ext./int. frame ABS. Not available with doors with caisson ribs.

Type O – infill: double opaque acrylic glass; frame: PVC, smooth surface; outer colour – see table 1 (inner colour is always white). Not available with doors with caisson ribs.

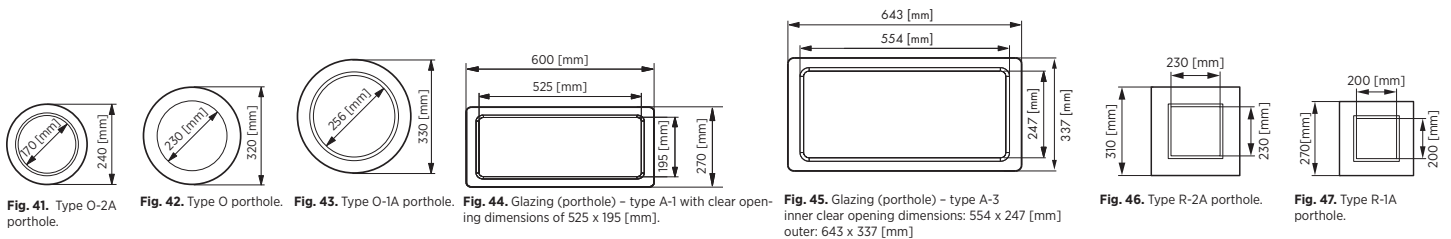
Type O-1A, O-2A – infill: triple clear acrylic glass unit; frame (ext./int.): made of stainless steel with a satin finish. Not available with doors with caisson ribs.

Type R-1A, R-2A – infill: triple clear acrylic glass unit; frame: made of stainless steel with a satin finish. Not available with doors with caisson ribs.

When ordering glazing, specify in which panel, counting from the bottom, the glazing is to be installed. The glazing height depends on the height of the panels used, the glazing is not always in the middle of the panel height. The glazing is arranged symmetrically along the width of the panel. With the caisson panel, the glazing cannot be arranged freely, it is similar to the placement of ribs. The glazing cannot be installed in the outermost bottom panel. Condensation can appear on glazing, it is a natural phenomenon and is not covered by the warranty.

Design 1 – infill: 44.2//6, 44.2 mat//6 or 44.2 Mirror//6 single-chamber glass in the DoorPro 60 or DoorPro 70 doors, and 44.2//6//6, 44.2 mat//6//6 or 44.2 Mirror//6//6 double-chamber glass in the DoorTherm 86 doors. The glazing includes a vertical bar spanning the entire leaf height; visible glass clear opening widths: 210, 250, and 300 [mm]. Not available with doors with caisson ribs.

Design 2 – infill: 33.1//4, 33.1 mat//4 or 33.1 Mirror//4 single-chamber glass in the DoorPro 60 or DoorPro 70 doors, and 33.1//4//4, 33.1 mat//4//4 or 33.1 Mirror//4//4 double-chamber glass in the DoorPro 70 and DoorTherm 86 doors. The glazing includes a horizontal bar spanning the entire leaf width; visible glass clear opening heights: 200, 250, 300, 350, 400, 450, and 500 [mm]. Not available with doors with caisson ribs.



Door colour \ Porthole	A-1, C-1, E-1, O	A-3
RAL or film coating	RAL 7016, RAL 8003, RAL 8011, RAL 8014, RAL 8017, RAL 9005, RAL 9016	RAL 9005
Other RAL (painted door)	RAL 9005 or colour matching the door – option	

Tab. 1. Available porthole frame colours.

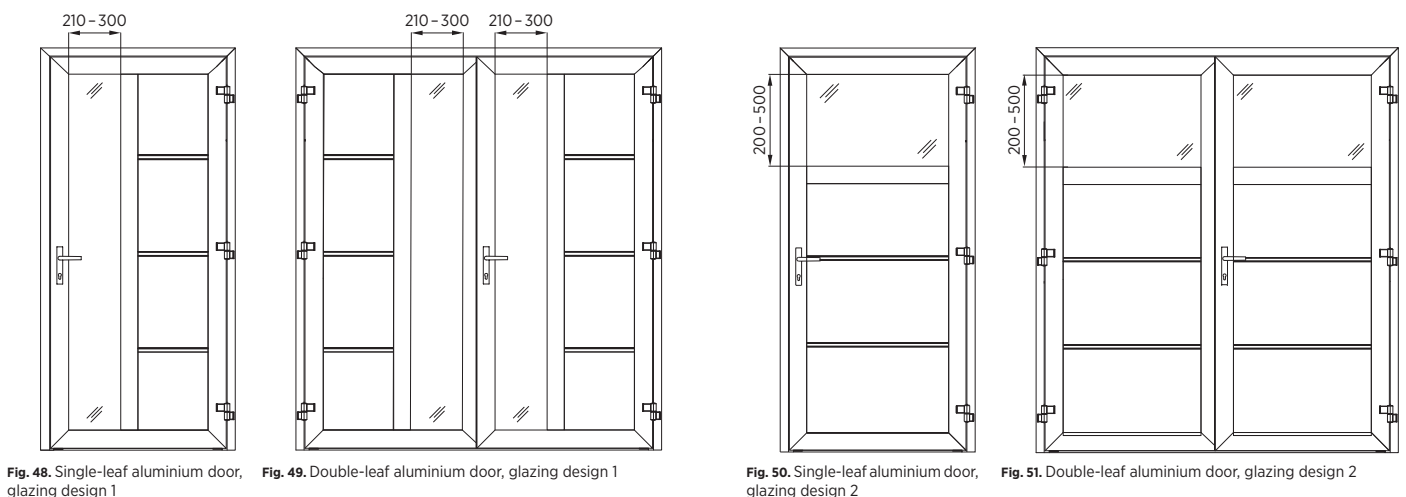




Fig. 52. Single-leaf aluminium door, DoorPro 60 glazing



Fig. 53. Single-leaf aluminium door, DoorPro 70 glazing

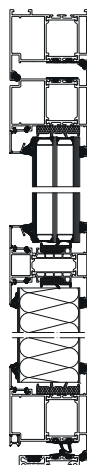


Fig. 54. Single-leaf aluminium door, DoorTherm 86 glazing



Fig. 58. Single-leaf aluminium door, DoorPro 60 glazing



Fig. 59. Single-leaf aluminium door, DoorPro 70 glazing



Fig. 60. Single-leaf aluminium door, DoorTherm 86 glazing

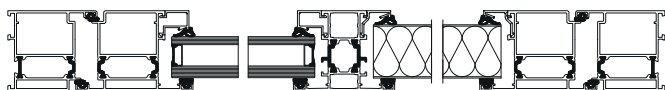


Fig. 55. Double-leaf aluminium door, DoorPro 60 glazing

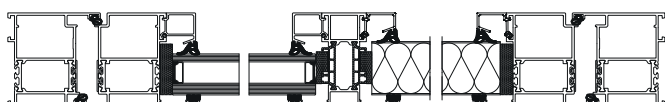


Fig. 56. Double-leaf aluminium door, DoorPro 70 glazing

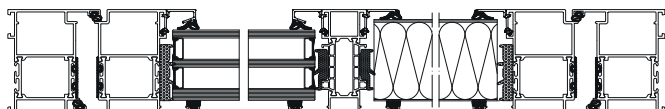


Fig. 57. Double-leaf aluminium door, DoorTherm 86 glazing



Fig. 61. Double-leaf aluminium door, DoorPro 60 glazing

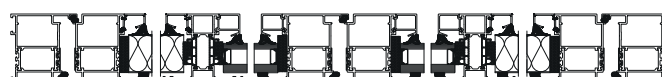


Fig. 62. Double-leaf aluminium door, DoorPro 70 glazing

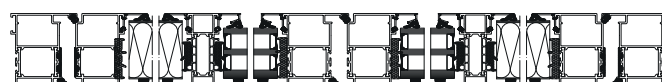


Fig. 63. Double-leaf aluminium door, DoorTherm 86 glazing

DECORATIVE MOTIFS

Satin finish stainless steel decorative elements can be ordered for doors without ribs (G) with the Smoothgrain and Sandgrain texture. Arrangement on the door – vertical, symmetrical along the door width. The number of decorative motifs depends on the door and panel height. Four decorative motifs are available only with doors 2,200 [mm] high, with all the other heights a maximum of three decorative motifs can be installed as shown in **Fig. 70 – Fig. 75** for single-leaf doors.

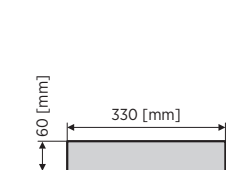


Fig. 64. Type AP-1, dimensions 330x60 [mm].

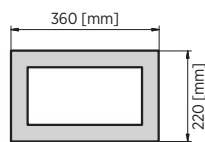


Fig. 65. Type AP-4, dimensions 360x220 [mm].

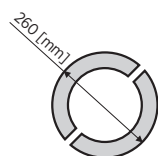
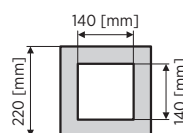
Fig. 66. Type AP-2, $\varnothing$ 260 [mm].

Fig. 67. Type AP-3, dimensions 220x220 [mm].

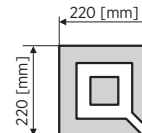


Fig. 68. Type AP-5, dimensions 220x220 [mm].

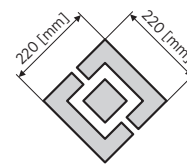


Fig. 69. Type AP-6, dimensions 220x220 [mm].

AP-7 – horizontal decorative motifs in stainless steel are installed in the ribs and joints on the bottom and middle panels. For the top panel available only with W ribs.

Available with doors with W and G ribs, as well as with the Silkline (RAL 7016, RAL 9016), Smoothgrain (Golden Oak, Walnut), and Sandgrain (Anthracite) textures.



Fig. 70. AP-1 decorative motifs in single- and double-leaf doors.

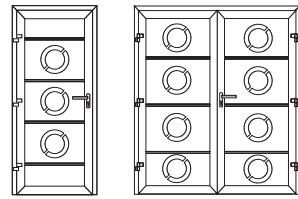


Fig. 71. AP-2 decorative motifs in single- and double-leaf doors.

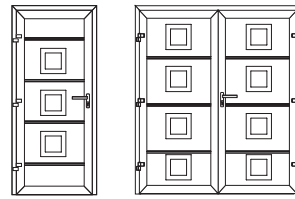


Fig. 72. AP-3 decorative motifs in single- and double-leaf doors.

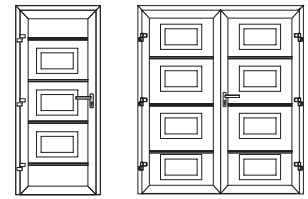


Fig. 73. AP-4 decorative motifs in single- and double-leaf doors.

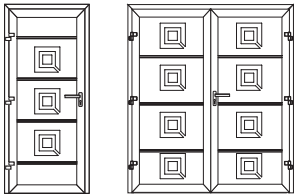


Fig. 74. AP-5 decorative motifs in single- and double-leaf doors.

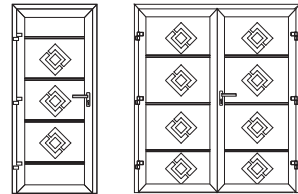


Fig. 75. AP-6 decorative motifs in single- and double-leaf doors.

GLAZING IN THE DoorLight 45 DOOR INFILLED WITH AN ALUMINIUM PROFILE

In the DoorLight 45 doors, the glazing colour matches the infill along the entire width.

The doors infilled with the AW 77 or AW 100 profile, fitted with glazing, are not fitted with an extra sealing sheet on the inside.

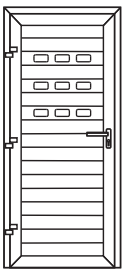


Fig. 76. Single-leaf aluminium door infilled with the AW 100 aluminium profile, glazed.

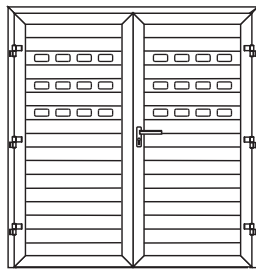


Fig. 77. Double-leaf aluminium door infilled with the AW 100 aluminium profile, glazed.

HANDLES

As standard, side panel doors are equipped with H1/S2 handles made of a ZnAl alloy, coated with a brushed nickel galvanic finish (stainless steel effect), optionally available in black.

As an additional option, Hoppe Tokyo handles can be used, available in silver, old gold, or titanium (steel colour), as well as the Liverpool handle in silver and the Denver handle made of stainless steel.

The DoorPro 70 RC doors in the RC3 anti-burglary version are fitted with the Liverpool handle in the SKG*** version.



Fig. 78. H1/S2 handle-pull design - standard



Fig. 79. Tokyo handle-pull design - option



Fig. 80. Denver handle-pull design - option



Fig. 81. Liverpool SKG*** handle-pull design - option, in the DoorPro 70 RC doors - standard



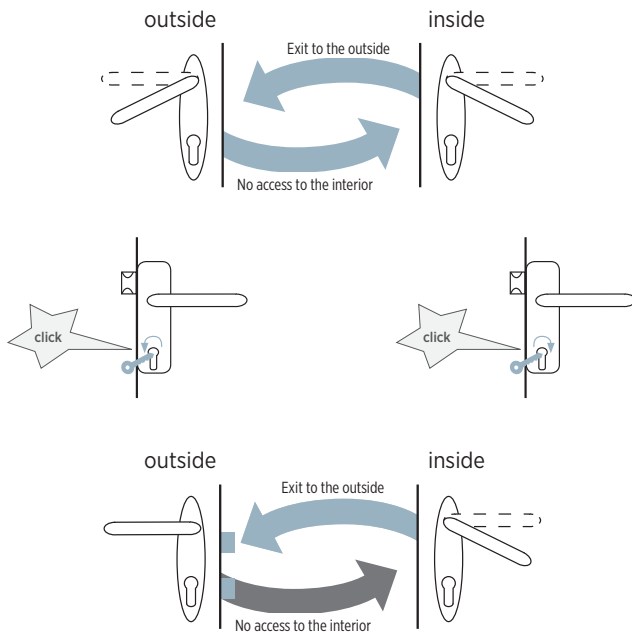
Fig. 82. H1/S2 handle design colour: mat black



FLUSH-MOUNTED ANTI-PANIC HARDWARE FOR THE DoorPro doors

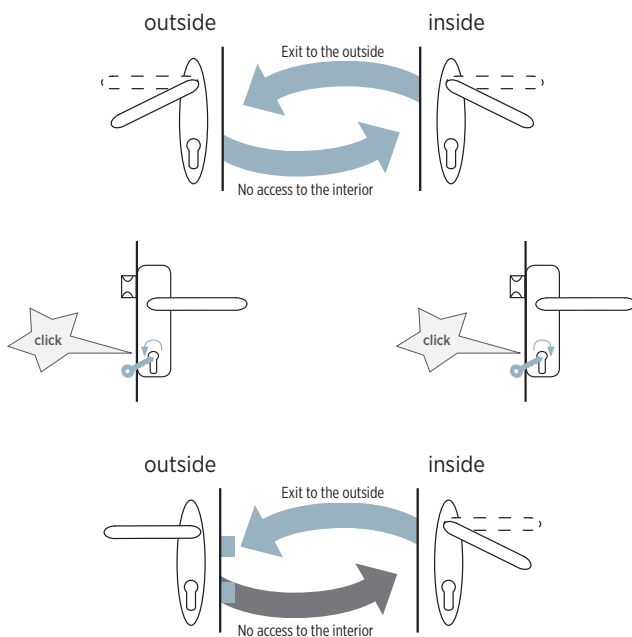
Function B – handle-handle or handle-lever hardware system.

- while the door is closing, all the latches and the main deadbolt go out automatically. Opening on the inside occurs by pressing the handle or lever, on the outside – with a key. Additionally, the external handle may be activated or deactivated with a key. (833p),
- while the door is closing, all the latches and the main deadbolt go out automatically. Opening on the inside occurs by pressing the handle or lever, on the outside – with a key or access control. Additionally, the external handle may be activated or deactivated with a key. (834p).



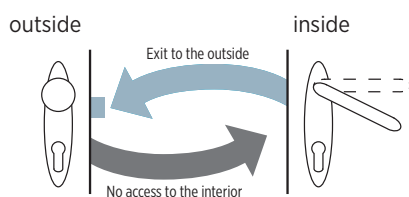
Function D – handle-handle or handle-lever hardware system.

- the bolts go out by locking with a key. Opening on the inside occurs by pressing the handle or lever, on the outside – with a key or access control. Additionally, the external handle may be activated or deactivated with a key. After activating the hardware on the inside, the door may also be opened on the outside until it is manually locked again (870p).



Function E – knob-handle or knob-lever hardware system.

- while the door is closing, all the latches and the main deadbolt go out automatically. Opening on the inside occurs by pressing the handle or lever, on the outside – with a key (833p),
- while the door is closing, all the latches and the main deadbolt go out automatically. Opening on the inside occurs by pressing the handle or lever, on the outside – with a key or access control (834p),
- while the door is closing, the latch goes out. The main deadbolt and the hook bolts go out by locking with a key. Opening on the inside occurs by pressing the handle or lever, on the outside – with a key or access control (870p).

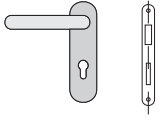




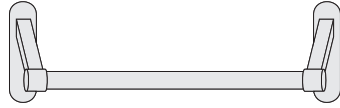
SURFACE-MOUNTED ANTI-PANIC HARDWARE FOR THE Door Light 45 doors

Handle-lever hardware system

external side



internal side

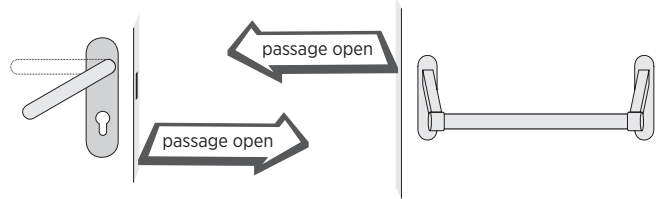


Features of anti-panic surface locks:

- the door can always be opened from the inside,
- the door can be opened from both sides (when the lock is set to OPEN).
- the lock is locked with a key from the outside.

BASIC setting – OPEN

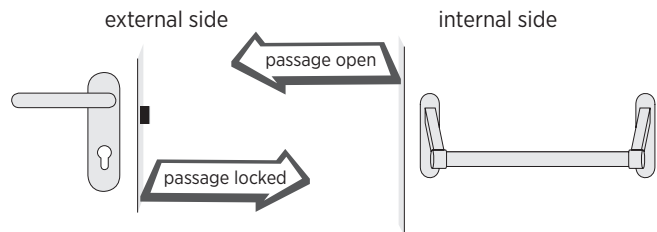
Turn the key home in the unlocking direction until you can remove it.



Setting: LOCKED

Turn the key in the locking direction until the door is locked, then remove the key.

When the panic open function is used, the lock resets itself to the BASIC position – OPEN.



THRESHOLD SOLUTIONS

DoorTherm 86

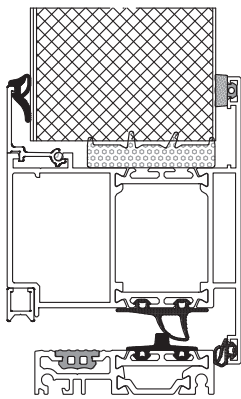


Fig. 83. DoorTherm 86 outswing door.

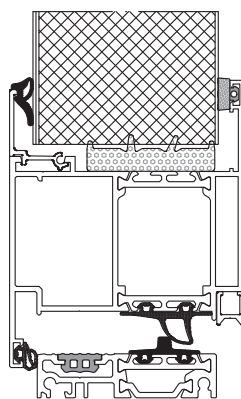


Fig. 84. DoorTherm 86 inswing door.

DoorPro 70

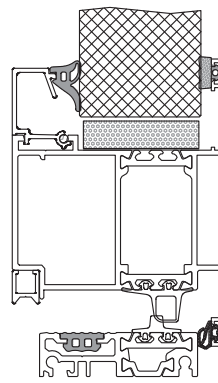


Fig. 85. DoorPro 70 outswing door.

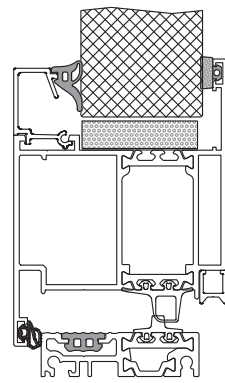


Fig. 86. DoorPro 70 inswing door.



DoorPro 60

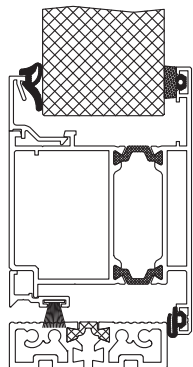


Fig. 90. DoorPro 60 outswing door.

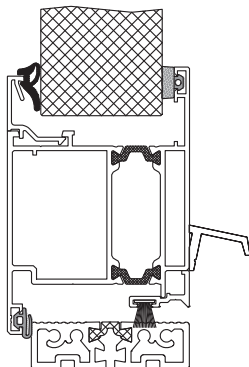


Fig. 91. DoorPro 60 inswing door.

DoorPro 45

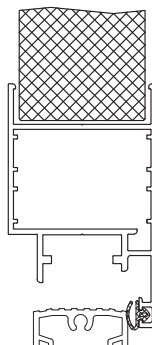


Fig. 92. DoorPro 45 outswing door.

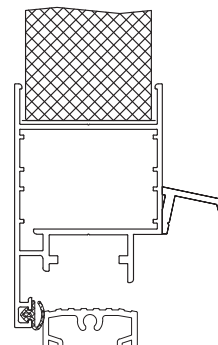


Fig. 93. DoorPro 45 inswing door.

DoorLight 45

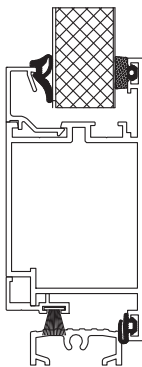


Fig. 94. DoorLight 45 outswing door.

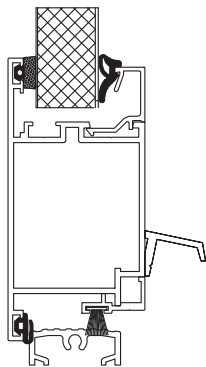


Fig. 95. DoorLight 45 inswing door.

INSTALLATION DIMENSIONS

DoorTherm 86

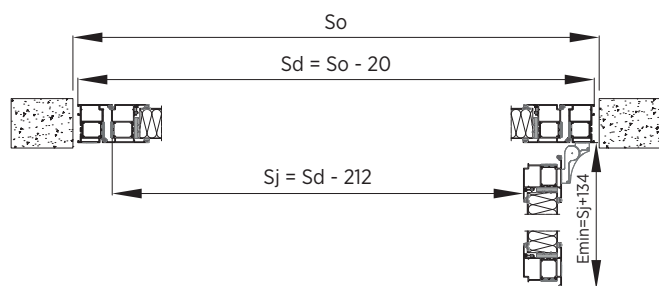


Fig. 87. Installation in the opening - horizontal cross-section - single-leaf door - the MB86N ST system.

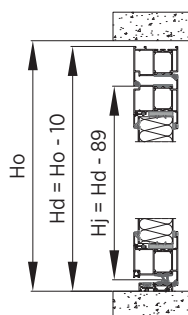


Fig. 89. Installation in the opening - vertical cross-section - single-leaf door - the MB86N ST system.

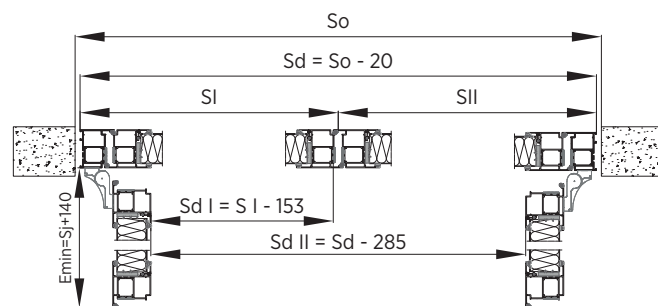


Fig. 88. Installation in the opening - horizontal cross-section - double-leaf door - the MB86N ST system.

- So - opening width,
- Sd - door ordering width,
- Sj - clear passage width with the door installed,
 $Sj = Sd - 212$ [mm] - MB86N ST profile,
- S I - width of the active leaf in the double-leaf door + opening frame,
- S II - width of the passive leaf in the double-leaf door + opening frame,
- Sd I - clear passage width within the active leaf of the double-leaf door
 $Sd I = S I - 153$ [mm] - MB86N ST profile,
- Sd II - clear passage width within both leafs of the double-leaf door
 $Sd II = Sd - 285$ [mm] - MB86N ST profile,
- Ho - opening height,
- Hd - door ordering height,
- Hj - clear passage height with the door installed
 $Hj = Hd - 89$ [mm] - MB86N ST profile,
- Emin - space required for leaf swing, as seen from the opening direction,
 $Emin = Sj + 140$ [mm].



DoorPro 70

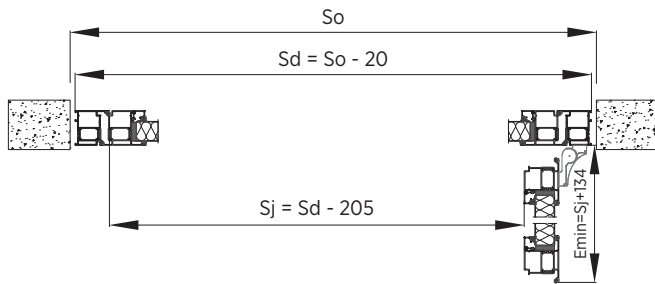


Fig. 96. Installation in the opening - horizontal cross-section - single-leaf door - the MB79N ST system.

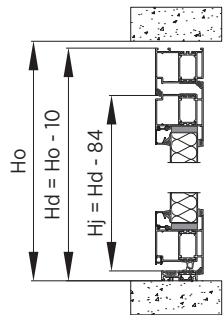


Fig. 98. Installation in the opening - vertical cross-section - single-leaf door - the MB79N ST system.

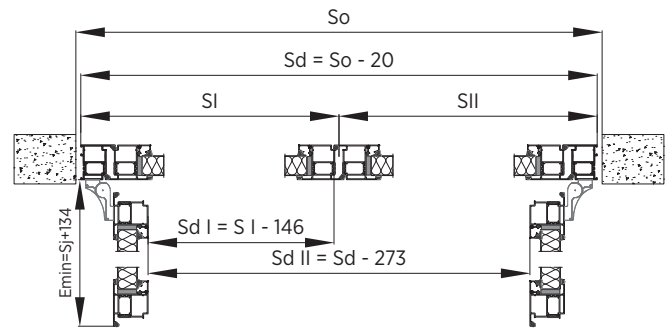


Fig. 97. Installation in the opening - horizontal cross-section - double-leaf door - the MB79N ST system.

- So - opening width,
- Sd - door ordering width,
- Sj - clear passage width with the door installed,
Sj = Sd - 205 [mm] - MB79N ST profile,
- S I - width of the active leaf in the double-leaf door + opening frame,
- S II - width of the passive leaf in the double-leaf door + opening frame,
- Sd I - clear passage width within the active leaf of the double-leaf door
Sd I = S I - 146 [mm] - MB79N ST profile,
- Sd II - clear passage width within both leaves of the double-leaf door
Sd II = Sd - 273 [mm] - MB79N ST profile,
- Ho - opening height,
- Hd - door ordering height,
- Hj - clear passage height with the door installed
Hj = Hd - 84 [mm] - MB79N ST profile,
- Emin - space required for leaf swing, as seen from the opening direction,
Emin = Sj + 134 [mm].

DoorPro 70 RC

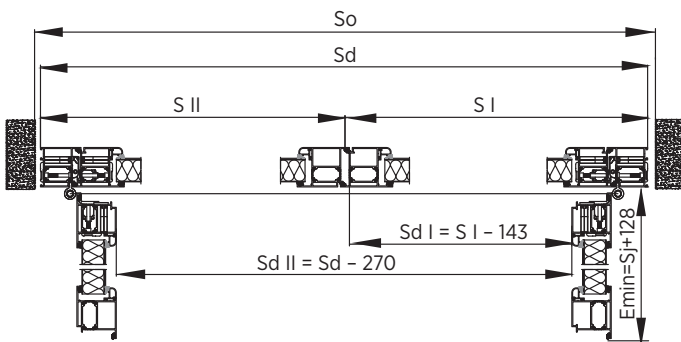


Fig. 99. Installation in the opening - horizontal cross-section - double-leaf door - the MB70 RC system.

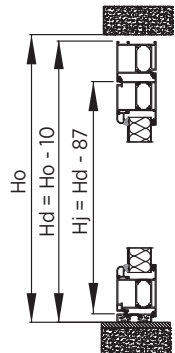


Fig. 100. Installation in the opening - vertical cross-section - single-leaf door - the MB70 RC system.

- So - opening width,
- Sd - door ordering width,
- S I - width of the active leaf in the double-leaf door + opening frame,
- S II - width of the passive leaf in the double-leaf door + opening frame,
- Sd I - clear passage width within the active leaf of the double-leaf door
Sd I = S I - 143 [mm] - MB70 profile,
- Sd II - clear passage width within both leaves of the double-leaf door
Sd II = Sd - 270 [mm] - MB70 profile,
- Ho - opening height,
- Hd - door ordering height,
- Hj - clear passage height with the door installed
Hj = Hd - 87 [mm] - MB70 profile,
- Emin - space required for leaf swing, as seen from the opening direction,
Emin = Sj + 128 [mm].



DoorPro 60

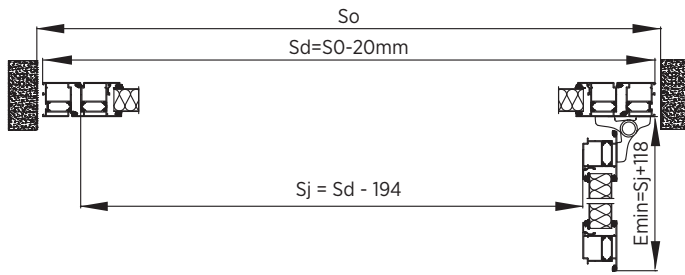


Fig. 101. Installation in the opening - horizontal cross-section - single-leaf door - the MB60E system.

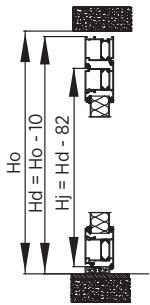


Fig. 103. Installation in the opening - vertical cross-section - single-leaf door - the MB60E system.

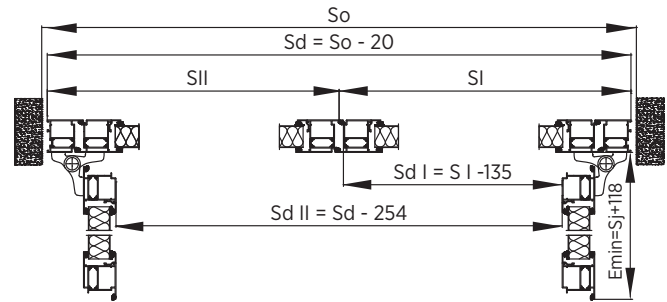


Fig. 102. Installation in the opening - horizontal cross-section - double-leaf door - the MB60E system.

- So - opening width,
- Sd - door ordering width,
- Sj - clear passage width with the door installed,
- $Sj = Sd - 194$ [mm] - MB60E profile,
- SI - width of the active leaf in the double-leaf door + opening frame,
- SII - width of the passive leaf in the double-leaf door + opening frame,
- Sd I - clear passage width within the active leaf of the double-leaf door
- $Sd I = S I - 135$ [mm] - MB60E profile,
- Sd II - clear passage width within both leaves of the double-leaf door
- $Sd II = Sd - 254$ [mm] - MB60E profile,
- Ho - opening height,
- Hd - door ordering height,
- Hj - clear passage height with the door installed
- $Hj = Hd - 82$ [mm] - MB60E profile,
- Emin - space required for leaf swing, as seen from the opening direction,
- $Emin = Sj + 118$ [mm].

DoorPro 45

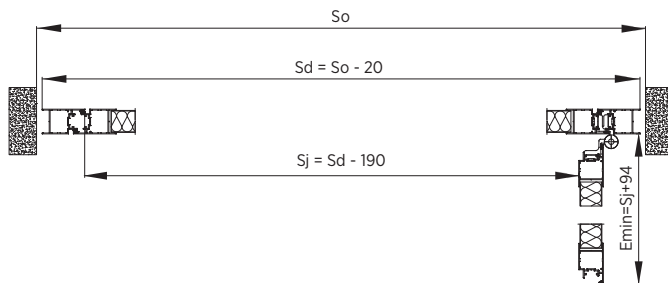


Fig. 104. Installation in the opening - horizontal cross-section - single-leaf door - the AW45 system.

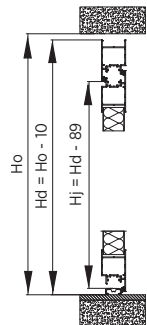


Fig. 106. Installation in the opening - vertical cross-section - single-leaf door - the AW45 system.

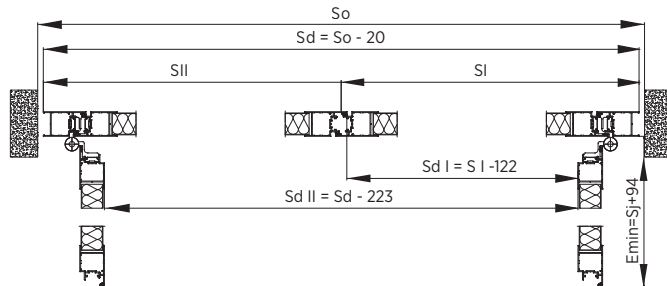


Fig. 105. Installation in the opening - horizontal cross-section - double-leaf door - the AW45 system.

- So - opening width,
- Sd - door ordering width,
- Sj - clear passage width with the door installed,
- $Sj = Sd - 190$ [mm] - AW45 profile,
- SI - width of the active leaf in the double-leaf door + opening frame,
- SII - width of the passive leaf in the double-leaf door + opening frame,
- Sd I - clear passage width within the active leaf of the double-leaf door
- $Sd I = S I - 122$ [mm] - AW45 profile,
- Sd II - clear passage width within both leaves of the double-leaf door
- $Sd II = Sd - 223$ [mm] - AW45 profile,
- Ho - opening height,
- Hd - door ordering height,
- Hj - clear passage height with the door installed
- $Hj = Hd - 89$ [mm] - AW45 profile,
- Emin - space required for leaf swing, as seen from the opening direction,
- $Emin = Sj + 94$ [mm].

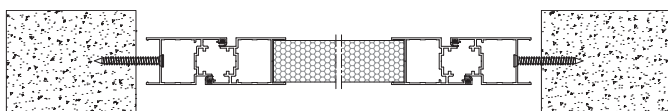


Fig. 107. Installation to a masonry wall - standard opening frame - horizontal cross-section - single-leaf door - the AW45 system.

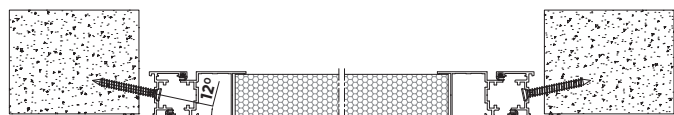


Fig. 108. Installation to a masonry wall - corner frame - horizontal cross-section - single-leaf door - the AW45 system.

Dimensional relationships – DoorPro 45 with a corner frame

Dimensioning:

The ordering dimension ($S_d \times H_d$) of the DoorPro 45 aluminium door does not include:

- up to 10 [mm] horizontal installation clearance per each door side,
- up to 10 [mm] vertical installation clearance.

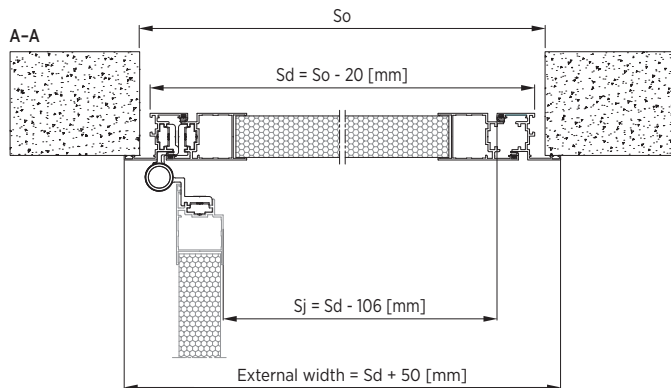


Fig. 112. Dimensional relationships – horizontal cross-section – single-leaf door – the AW45 system with a corner frame.

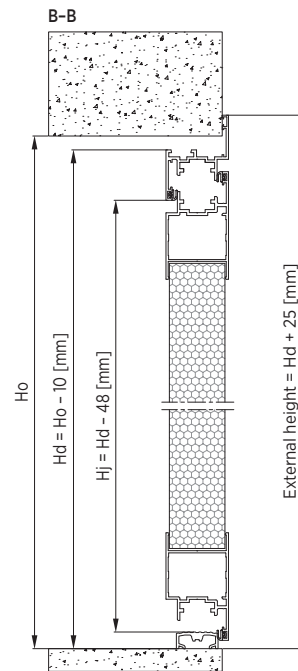


Fig. 113. Dimensional relationships – vertical cross-section – single-leaf door – the AW45 system with a corner frame.

DoorLight 45

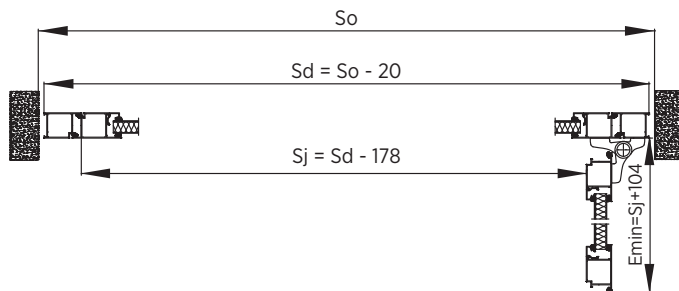


Fig. 109. Installation in the opening – horizontal cross-section – single-leaf door – the MB45 system.

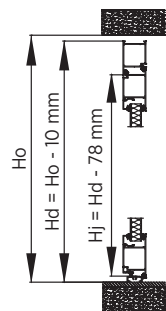


Fig. 111. Installation in the opening – vertical cross-section – single-leaf door – the MB45 system.

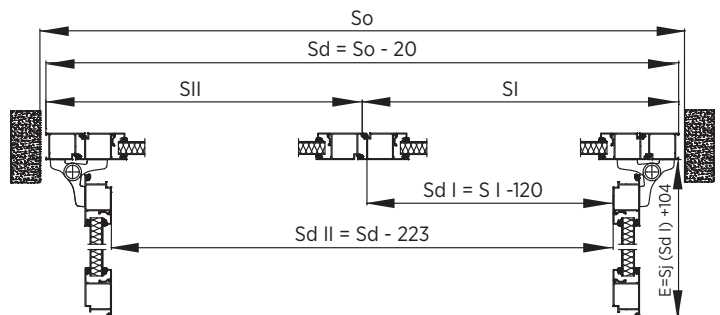


Fig. 110. Installation in the opening – horizontal cross-section – double-leaf door – the MB45 system.

- So – opening width,
- Sd – door ordering width,
- Sj – clear passage width with the door installed,
Sj = Sd - 178 [mm] – MB45 profile,
- SI – width of the active leaf in the double-leaf door + opening frame,
- SII – width of the passive leaf in the double-leaf door + opening frame,
- Sd I – clear passage width within the active leaf of the double-leaf door
Sd I = SI - 120 [mm] – MB45 profile,
- Sd II – clear passage width within both leaves of the double-leaf door
Sd II = Sd - 223 [mm] – MB45 profile,
- Ho – opening height,
- Hd – door ordering height,
- Hj – clear passage height with the door installed
Hj = Hd - 78 [mm] – MB45 profile,
- Emin – space required for leaf swing, as seen from the opening direction,
Emin = Sj + 104 [mm].



Examples of completed projects





Technical data

	DoorTherm 86 door
Door type	external
Opening type	right or left door, outswing or inswing
Maximum width/height (mm): - single-leaf door - double-leaf door	1,499 x 2,660 2,880 x 2,660
Watertightness class	3A in accordance with PN-EN 14351 sections 4.5 and 4.15
Wind load resistance class	C2 in accordance with PN-EN 14351 section 4.2
Air permeability class	3 in accordance with PN-EN 14351 sections 4.14 and 4.15
Leaf infill type	60 [mm] thick steel panel with ribs, infilled with freon-free polyurethane foam. The panel structure on the outside corresponds to the UniTherm sectional garage doors; an additional sealing sheet is installed on the inside
Available panel rib types	low ribs, high ribs, V, without ribs
Available panel textures	Smoothgrain, Sandgrain, Silkline
Available glazings	design 1, design 2
Standard hinges	3 or 4 double-leaf surface hinges per leaf
Optional hinges	3 or 4 roller hinges, 3 or 4 concealed hinges
Standard hardware	three-point hook lock, standard lock cylinder, H1/S2 handle in Inox or black
Optional hardware	Motorized locks Fingerprint readers, code keypad, WIŚNIEWSKI Connected version dedicated for doors with an electric lock, Hoppe Tokyo, Liverpool or Denver handles, class 6.D anti-burglary cylinders, support feet, various types of door closers
Standard colours	RAL 9016, RAL 7016, Anthracite, Film coatings according to the list on page 10
Custom colours	Other RAL, Home Inclusive colours
Vertical panel installation	YES
Decorative motifs	AP-1, Ap-2, AP-3, AP-4, AP-5, AP-6, AP-7

	DoorPro 70 door
Door type	external
Opening type	right or left door, outswing or inswing
Maximum width/height (mm): - single-leaf door - double-leaf door	1,310 x 2,470 2,499 x 2,470
Watertightness class	3A in accordance with PN-EN 14351 sections 4.5 and 4.15
Wind load resistance class	C2 in accordance with PN-EN 14351 section 4.2
Air permeability class	2 in accordance with PN-EN 14351 sections 4.14 and 4.15
Leaf infill type	40 [mm] thick steel panel with ribs, infilled with freon-free polyurethane foam. On the outside and inside, the panel structure corresponds to the UniPro sectional garage doors
Available panel rib types	low ribs, high ribs, V ribs, no ribs, caisson
Available panel textures	Smoothgrain, Sandgrain, Silkline, Woodgrain
Available glazings	A-1, A-3, C-1, E-1, O, O-1A, O-2A, R-1A, R-2A, design 1, design 2
Standard hinges	3 double-leaf surface hinges per leaf
Optional hinges	3 roller hinges, 3 concealed hinges
Standard hardware	three-point hook lock, standard lock cylinder, H1/S2 handle in Inox or black
Optional hardware	Motorized locks Fingerprint readers, code keypad, WIŚNIEWSKI Connected dedicated for doors with an electric lock, Hoppe Tokyo, Liverpool or Denver handles, class 6.D anti-burglary cylinders, support feet, various types of door closers
Standard colours	RAL 9016, RAL 7016, Anthracite, Film coatings according to the list on page 10
Custom colours	Other RAL, Home Inclusive colours
Vertical panel installation	YES
Decorative motifs	AP-1, Ap-2, AP-3, AP-4, AP-5, AP-6, AP-7



	DoorPro 70 RC door
Door type	external
Opening type	left or right, outswing
Maximum width/height (mm): - single-leaf door - double-leaf door	Min. 2,000 x 2,050 Max. 2,499 x 2,470
Watertightness class	3A in accordance with PN-EN 14351 sections 4.5 and 4.15
Wind load resistance class	C2 in accordance with PN-EN 14351 section 4.2
Air permeability class	2 in accordance with PN-EN 14351 sections 4.14 and 4.15
Anti-burglary class:	RC3 in accordance with EN 1627:2011 and SKG*** in accordance with NEN 5096:2012
Leaf infill type	40 [mm] thick steel panel with ribs, infilled with freon-free polyurethane foam. The panel structure on the outside corresponds to the UniPro sectional garage doors; an additional sealing and reinforcing sheet is installed on the inside
Available panel rib types	low ribs, high ribs, V ribs, no ribs, caisson
Available panel textures	Smoothgrain, Sandgrain, Silkline, Woodgrain
Available glazings	None
Standard hinges	4 roller hinges per leaf
Optional hinges	None
Standard hardware	three-point lock with integrated steel hooks and bolts, DOM SKG*** anti-burglary lock cylinder, Liverpool SKG*** handle, three anti-burglary bolts per per leaf, central deadbolt
Optional hardware	support feet, various types of door closers
Standard colours	RAL 9016, RAL 7016, Anthracite, Film coatings according to the list on page 10
Custom colours	Other RAL, Home Inclusive colours
Vertical panel installation	NO
Decorative motifs	AP-1, AP-2, AP-3, AP-4, AP-5, AP-6, AP-7

	DoorPro 60 door
Door type	external
Opening type	right or left door, outswing or inswing
Maximum width/height (mm): - single-leaf door - double-leaf door	1,300 x 2,450 2,460 x 2,450
Watertightness class	4A in accordance with PN-EN 14351 sections 4.5 and 4.15
Wind load resistance class	C2 in accordance with PN-EN 14351 section 4.2
Air permeability class	2 in accordance with PN-EN 14351 sections 4.14 and 4.15
Leaf infill type	40 [mm] thick steel panel with ribs, infilled with freon-free polyurethane foam. On the outside and inside, the panel structure corresponds to the UniPro sectional garage doors
Available panel rib types	low ribs, high ribs, V ribs, no ribs, caisson
Available panel textures	Smoothgrain, Sandgrain, Silkline, Woodgrain
Available glazings	A-1, A-3, C-1, E-1, O, O-1A, O-2A, R-1A, R-2A, design 1, design 2
Standard hinges	3 double-leaf surface hinges per leaf
Optional hinges	None
Standard hardware	three-point hook lock, standard lock cylinder, HI/S2 handle in Inox or black
Optional hardware	Motorized locks Fingerprint readers, code keypad, WIŚNIEWSKI Connected version dedicated for doors with an electric lock, Hoppe Tokyo, Liverpool or Denver handles, class 6.D anti-burglary cylinders, support feet, various types of door closers
Standard colours	RAL 9016, RAL 7016, Anthracite, Film coatings according to the list on page 10
Custom colours	Other RAL, Home Inclusive colours
Vertical panel installation	NO
Decorative motifs	AP-1, AP-2, AP-3, AP-4, AP-5, AP-6, AP-7



	DoorPro 45 door
Door type	external, for rooms where no thermal insulation requirements apply
Opening type	right or left door, outswing or inswing
Maximum width/height (mm): - single-leaf door - double-leaf door	1,300 x 2,500 2,500 x 2,500
Watertightness class	1A in accordance with PN-EN 14351 sections 4.5 and 4.15
Wind load resistance class	C5 in accordance with PN-EN 14351 section 4.2
Air permeability class	3 in accordance with PN-EN 14351 sections 4.14 and 4.15
Leaf infill type	40 [mm] thick steel panel with ribs, infilled with freon-free polyurethane foam. On the outside and inside, the panel structure corresponds to the UniPro sectional garage doors
Available panel rib types	low ribs, high ribs, V ribs, no ribs, caisson
Available panel textures	Smoothgrain, Sandgrain, Silkline, Woodgrain
Available glazings	A-1, A-3, C-1, E-1, O, O-1A, O-2A, R-1A, R-2A,
Standard hinges	2 or 3 groove-fitted roller hinges per leaf
Optional hinges	None
Standard hardware	three-point hook lock, standard lock cylinder, H1/S2 handle in Inox or black
Optional hardware	Auxiliary lock for the three-point lock, Hoppe Tokyo, Liverpool or Denver handles, class 6.D anti-burglary cylinders, support feet, various types of door closers
Standard colours	RAL 9016, RAL 7016, Anthracite, Film coatings according to the list on page 10
Custom colours	Other RAL, Home Inclusive colours
Vertical panel installation	NO
Decorative motifs	AP-1, AP-2, AP-3, AP-4, AP-5, AP-6, AP-7

	DoorLight 45 door
Door type	internal
Opening type	right or left door, outswing or inswing
Maximum width/height (mm): - single-leaf door - double-leaf door	1,300 x 2,470 2,230 x 2,470
Leaf infill type	AW 77 or AW 100 aluminium profile infilled with polyurethane foam. An additional sealing sheet in a colour matching the door colour is installed on the inside
Available glazings	YES, in the aluminium profile
Standard hinges	2 or 3 surface hinges per leaf
Optional hinges	None
Standard hardware	one-point lock, standard lock cylinder, H1/S2 handle in Inox or black
Optional hardware	Auxiliary lock for the one-point lock, three-point hook lock, Hoppe Tokyo, Liverpool or Denver handles, class 6.D anti-burglary cylinders, support feet, various types of door closers
Standard colours	RAL 9010
Custom colours	Golden Oak, Dark Oak, RAL 3003, RAL 6005, RAL 6009, RAL 7038 RAL 7016, RAL 7040, RAL 8014, RAL 8019, RAL 9006, RAL 5012, (applies to D1B77), and RAL 3000, RAL 5010, RAL 7012, RAL 9007 (applies to D1B100).


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