

SAPA DOOR 2050/2060

NON-INSULATED DOOR FOR INTERIOR SOLUTIONS

HEAVY DUTY DOOR



STYRKETRÄNING →

sapa:

By  Hydro

Sapa Door 2050

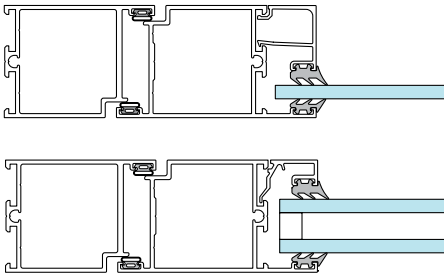
The door system is based around uninsulated aluminium profiles with a section depth of 50 mm. Available with integrated or replaceable rebate sections on the frame side. The outer glazing bead is integrated in the door profile for asymmetrically installed glazing units. 2050 is also available with symmetrically installed glazing units with three different designs of glazing bead. Door leaf profiles are available for narrow and modular locks and for anti-finger trap devices. These doors can readily be combined with our system of glass walls and glazed elements, 3050.

We recommend 2050 for interior solutions.

Height and appearance of profile are identical to 2074 and 2086.

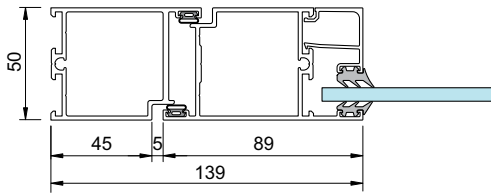
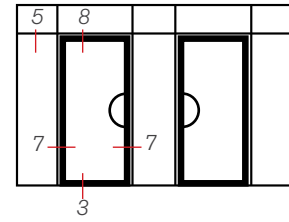
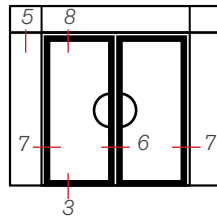
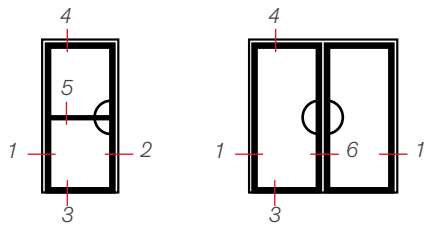


Door 2050 design example

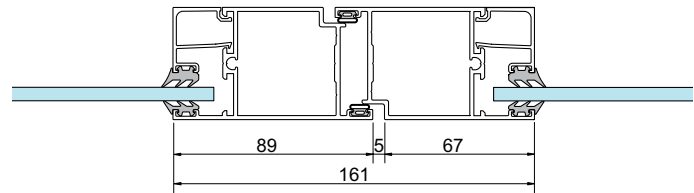


Door 2050	Integrated glazing bead	Design glazing bead
Variants	Single doors, double doors, meeting doors, folding and sliding doors with or without top light and side light	Single doors, double doors, meeting doors with or without top light and side light
Design choices	Narrow and modular profiles. Integrated glazing bead	Three different design glazing beads
Rebate for glazing and infill panels	3–33 mm	5–10 mm
Fire protection, class	E 30	
Child safety	Available with anti-finger trap device	
Maintenance	Replaceable rebate section on frame side, also available with reinforced rebate section. Makes repairs easier	

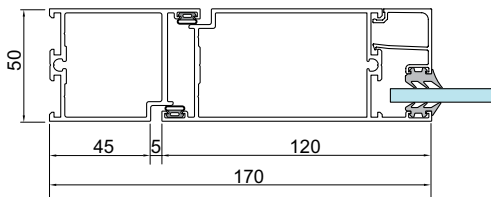




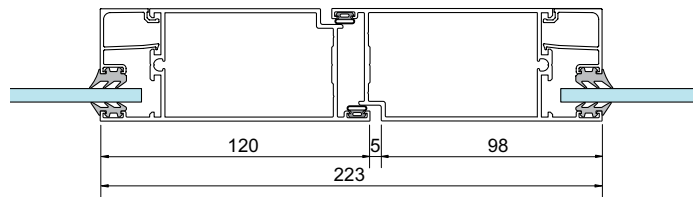
1, 2 - Door with narrow profile



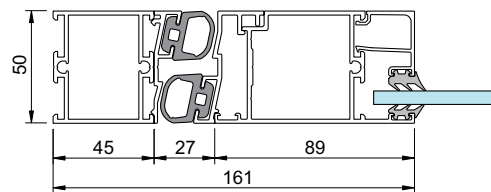
6 - Double doors, narrow profile



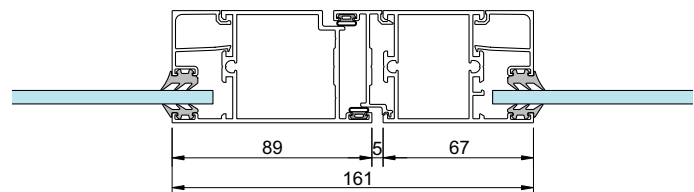
1, 2 - Door with modular profile



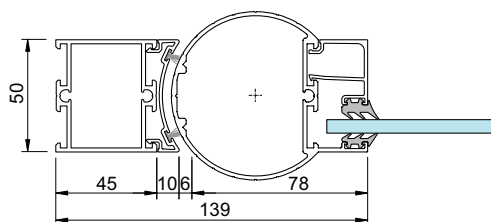
6 - Double doors, modular profile



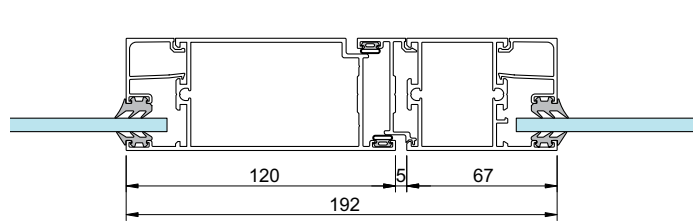
1 - Door with anti-finger trap device, rubber seals



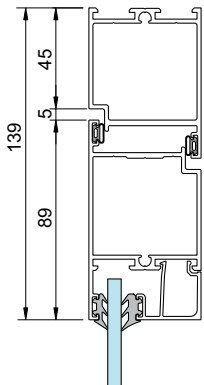
7 - Door with narrow profile and side light



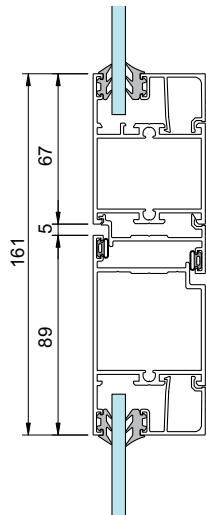
1 - Door with anti-finger trap device, rounded aluminium profile



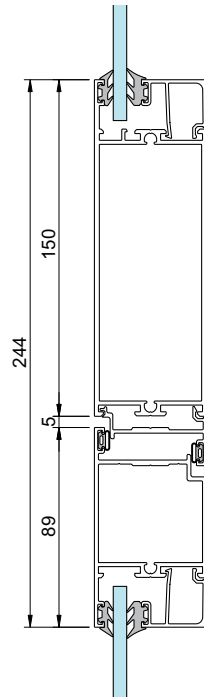
7 - Door with modular profile and side light



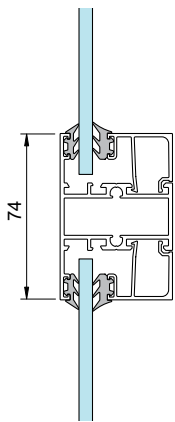
4 - Top edge of door with frame



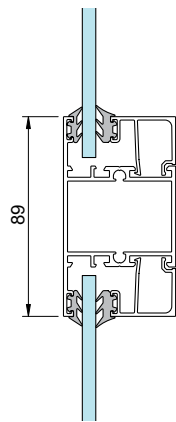
8 - Top edge of door with top light



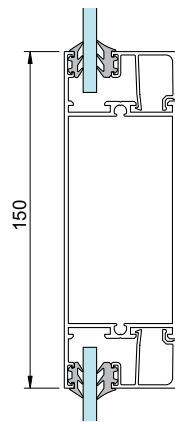
8 - Top edge of door with top light and profile for large automated swing door



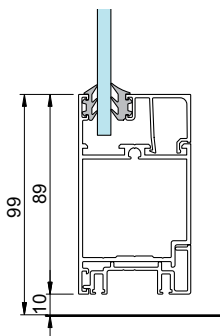
5 - Glazing bars



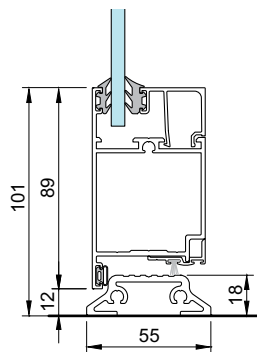
5 - Glazing bars



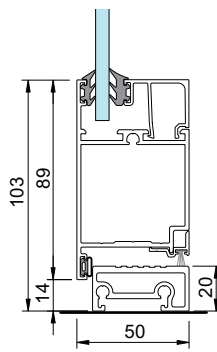
5 - Glazing bars



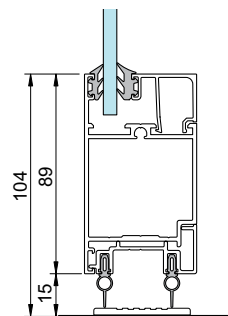
3 - Door without door sill



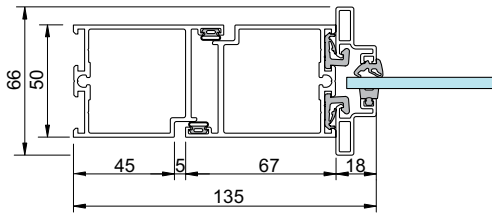
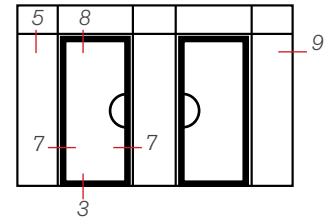
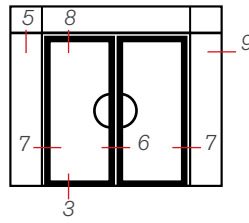
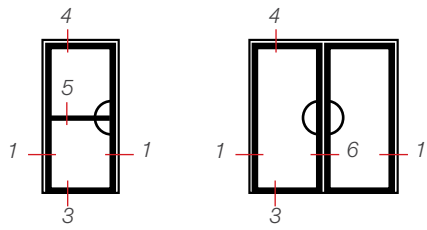
3 - Door with rebate seal against bevelled door sill



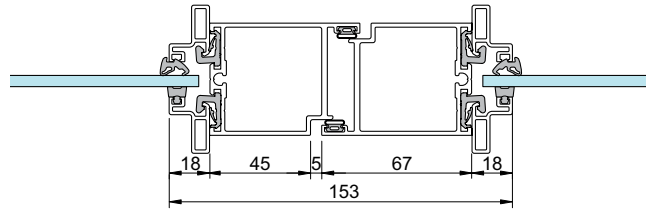
3 - Door with rebate seal against door sill



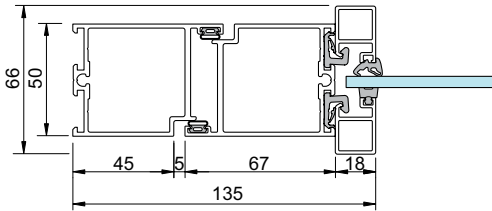
3 - Door with strip seal



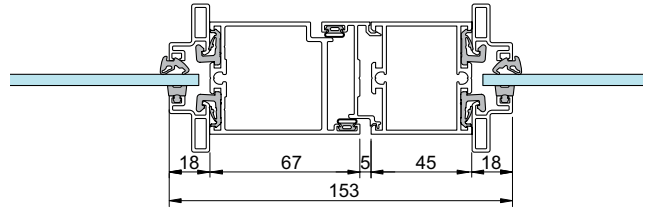
1 - Door with L-shaped glazing bead



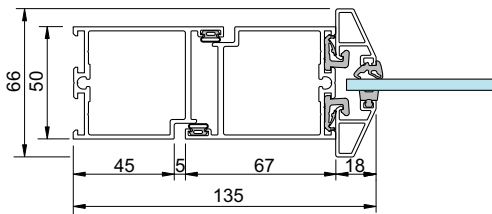
6 - Double doors



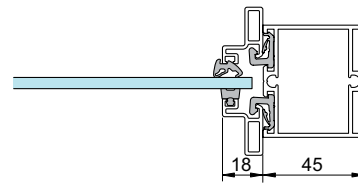
1 - Door with rectangular glazing bead



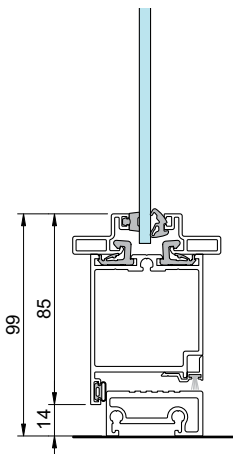
7 - Door with side light



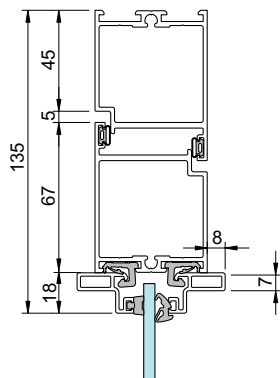
1 - Door with bevelled glazing bead



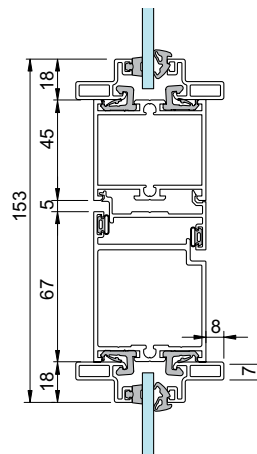
9 - Frame profile



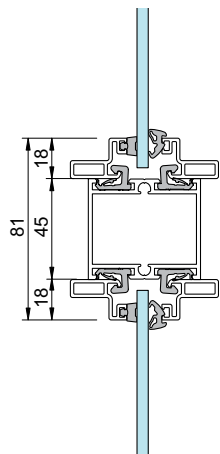
3 - See previous page for alternative door bottom edge solutions



4 - Top edge of door with frame

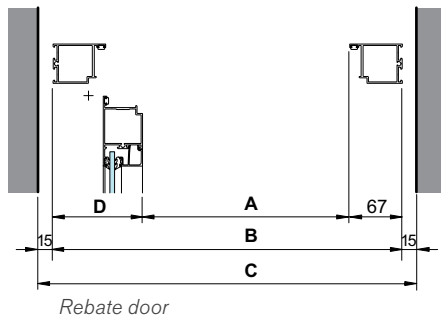


8 - Top edge of door with top light



5 - Glazing bars

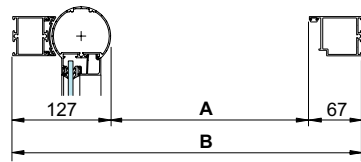
Clear dimension, Sapa 2050



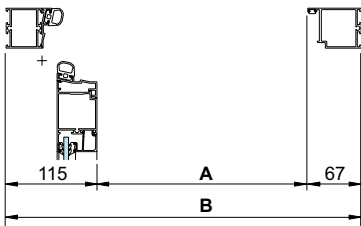
A= Clear dimension
B= Frame outside dimension
C= Wall opening

Rebate door with universal hinges:
D= 115 mm
with butt hinges:
D= 109 mm

Rebate door



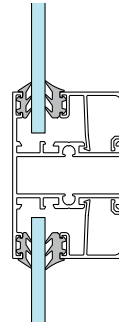
Door with anti-finger trap device



Door with anti-finger trap device

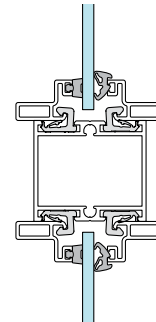
Glazing unit, asymmetrically installed, Sapa 2050

Glass thickness 3–33 mm

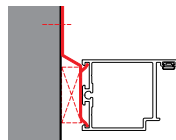
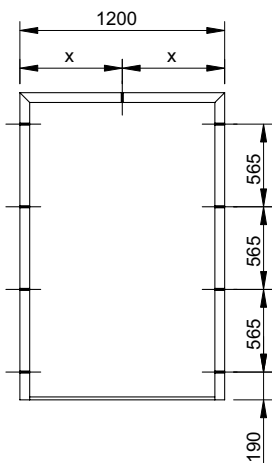


Glazing unit, symmetrically installed, Sapa 2050

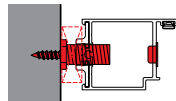
Glass thickness 5–10 mm



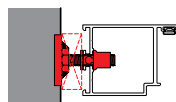
Attachment alternatives, Sapa 2050



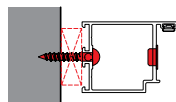
Frame attachment with twist anchor.



Frame attachment with adjustable frame bushing



Frame attachment with bolt and welded plate

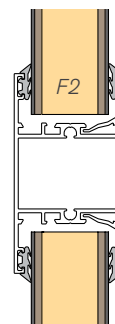


Frame attachment with screw

Door element must be attached to a suitable rigid wall structure.

The choice of fixing method depends on the wall type. Number of attachment points as specified in SS 81 73 27.

Infill panels, Sapa 2050



Infill panel F1
1.5 mm aluminium sheet
max. 30 mm insulation
1.5 mm aluminium sheet

Infill panel F2
1.5 mm aluminium sheet
4.8 mm board max. 20 mm insulation
4.8 mm board 1.5 mm aluminium sheet

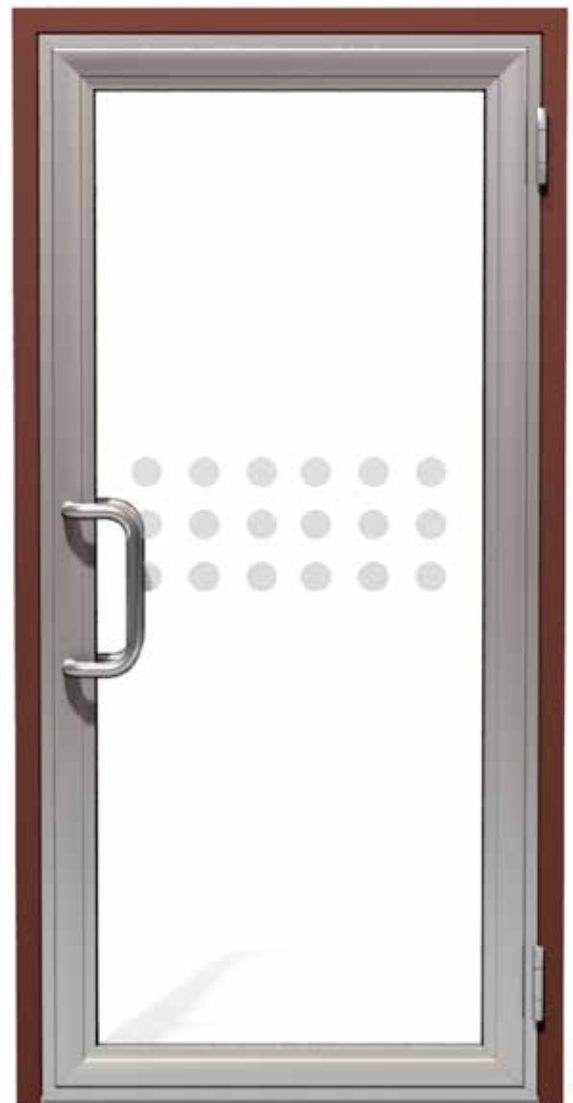
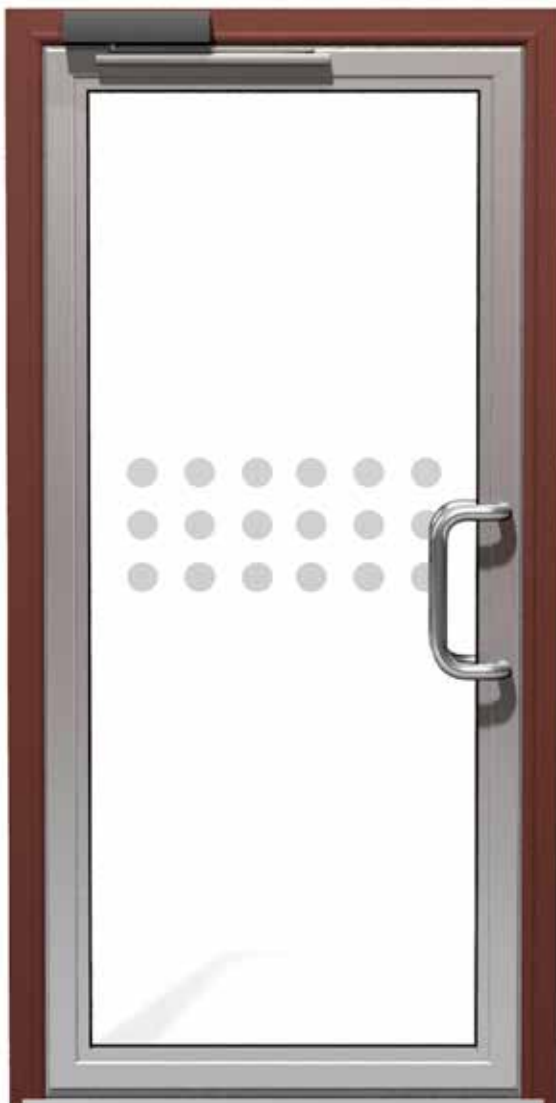
Infill panel F3
1.5 mm aluminium sheet
10 mm chipboard max. 20 mm insulation
1.5 mm aluminium sheet

Read more in section on Glazed Elements.

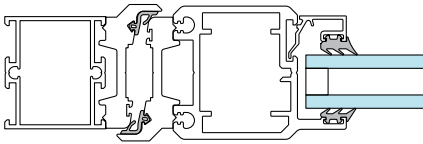
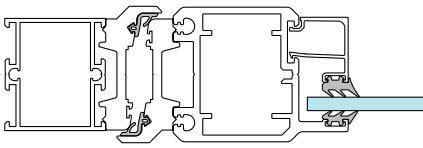
Sapa Door 2060

The door system is based around uninsulated aluminium profiles with a section depth of 60 mm. The system has replaceable rebate sections and the external glazing bead is integrated into the profile. Door leaf profiles are available for narrow and modular locks and for anti-finger trap devices. These doors can easily be combined with our facade systems, 4150, 5050 SG and 3074.

Our strongest door,
recommended for buildings
used by many people daily.



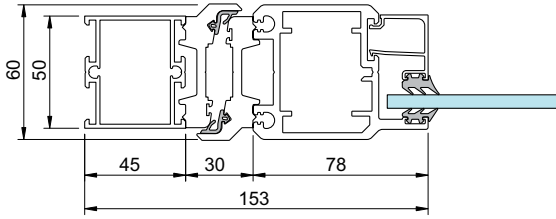
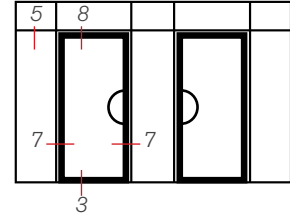
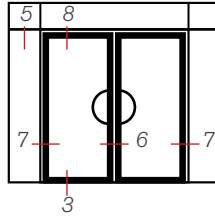
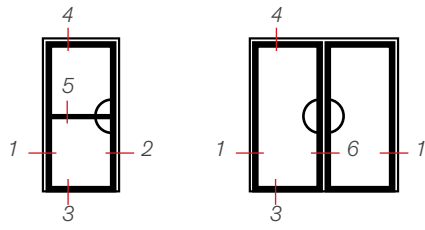
Door 2060 design example



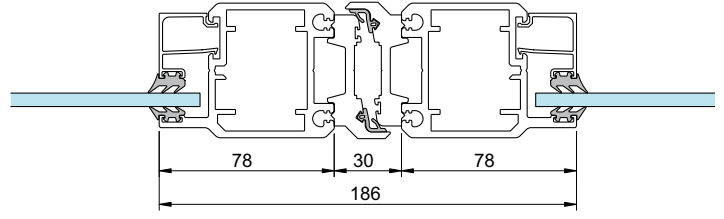
Door 2060

Variants	Single doors, double doors and meeting doors with or without top light and side light
Burglar resistance, class	Available in class RC2–RC3 according to EN 1627.
Rebate for glazing and infill panels	3–33 mm
Fire protection, class	E 30. For certain variants, also to EI 30.
Child safety	Available with anti-finger trap device.
Maintenance	Replaceable rebate section and reinforced rebate section. Makes repairs easier.

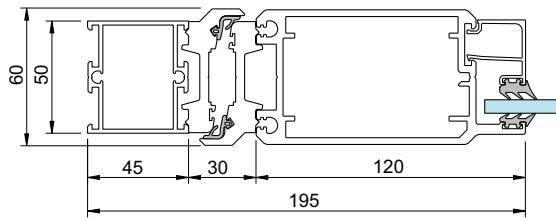




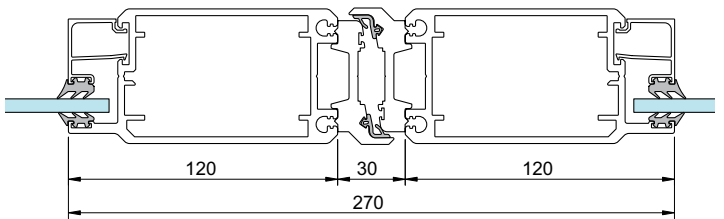
1, 2 - Door with narrow profile



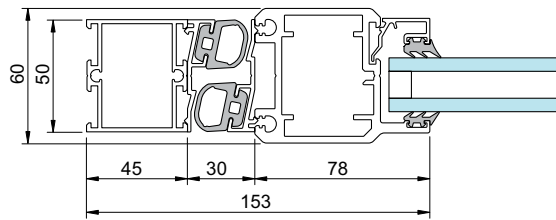
6 - Double doors, narrow profile



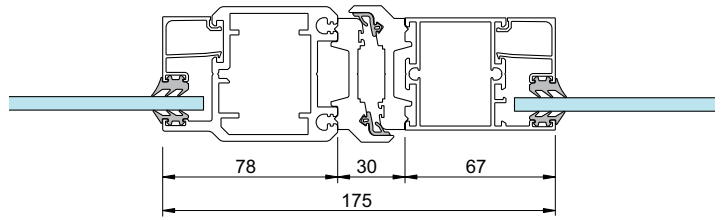
1, 2 - Door with modular profile



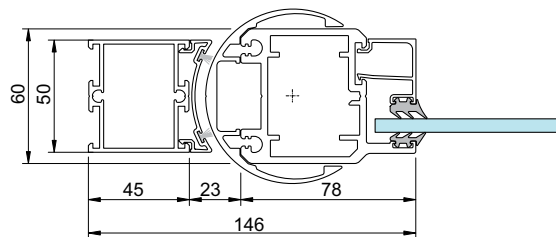
6 - Double doors, modular profile



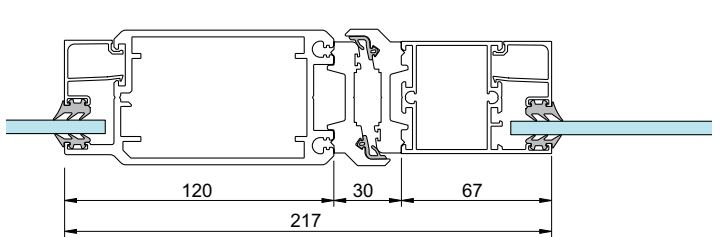
1 - Door with anti-finger trap device, rubber seals



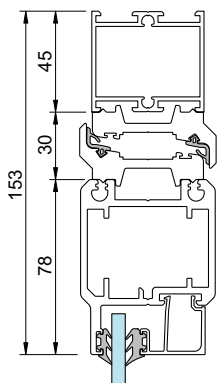
7 - Door with narrow profile and side light



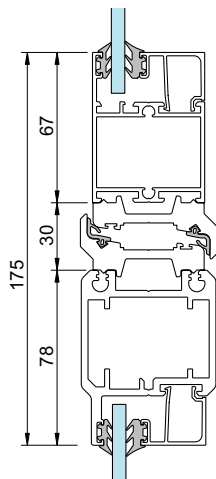
1 - Door with anti-finger trap device, rounded aluminium profile



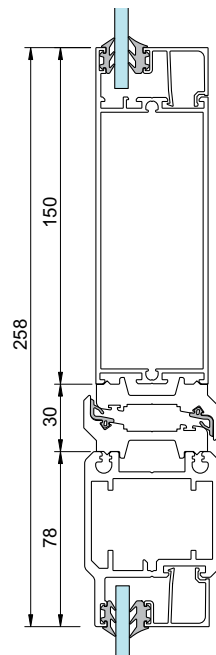
7 - Door with modular profile and side light



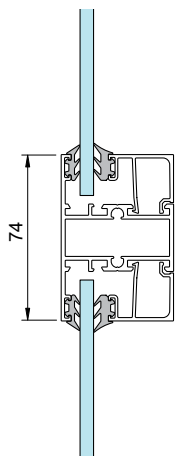
4 - Top edge of door with frame



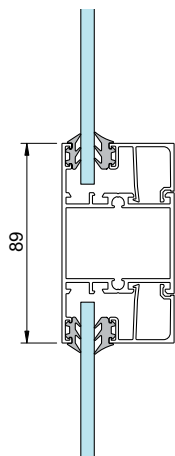
8 - Top edge of door with top light



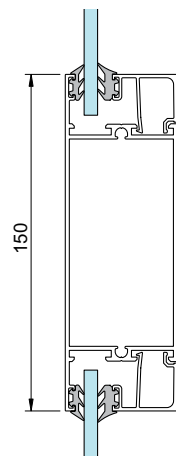
8 - Top edge of door with top light and profile for large automated swing door



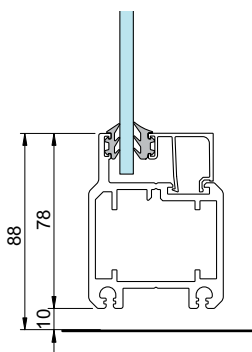
5 - Glazing bars



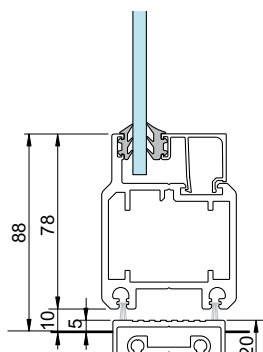
5 - Glazing bars



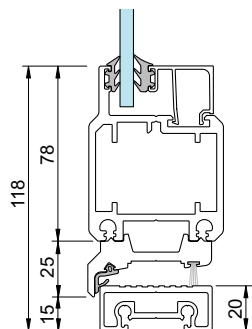
5 - Glazing bars



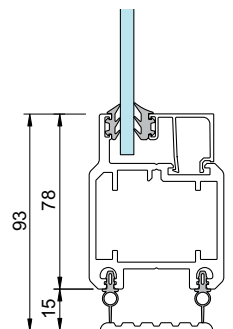
3 - Door without door sill



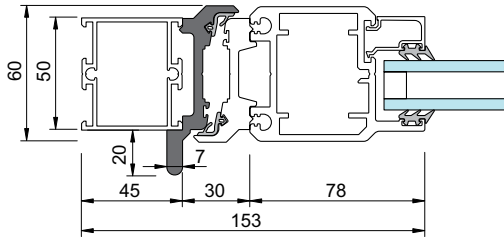
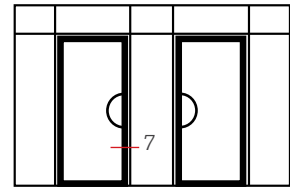
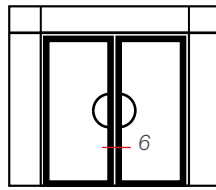
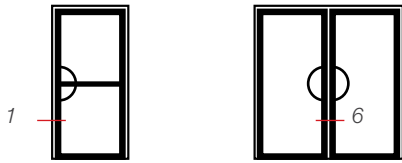
3 - Door with recessed door sill



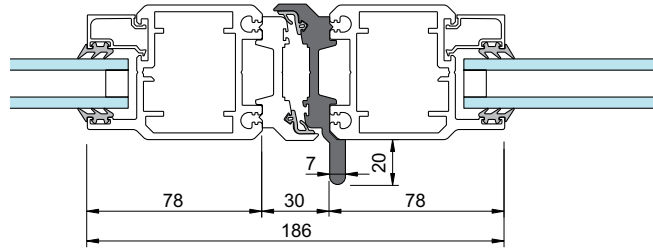
3 - Door with rebate seal against door sill



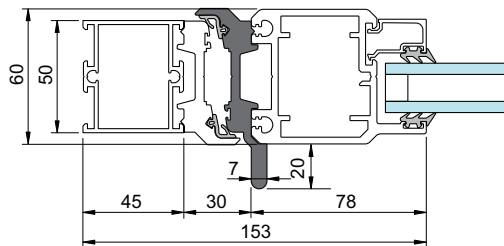
3 - Door with strip seal



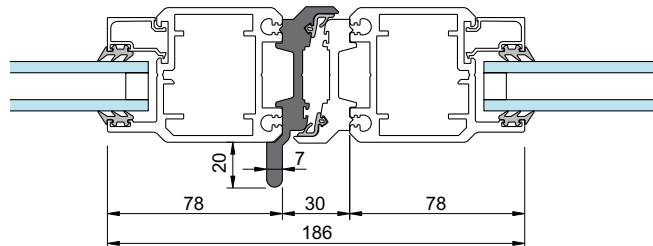
1 - Outward-opening door with reinforced rebate section



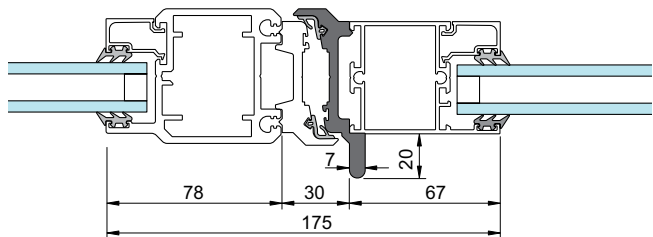
6 - Outward-opening double door with reinforced rebate section on passive door leaf



1 - Inward-opening door with reinforced rebate section

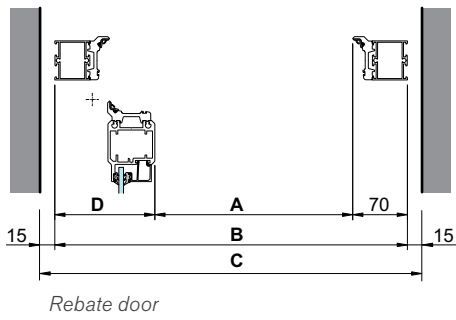


6 - Inward-opening double doors with reinforced rebate section on active door leaf



7 - Outward-opening door with reinforced rebate section and side light

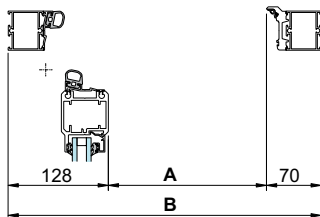
Clear dimension, Sapa 2060



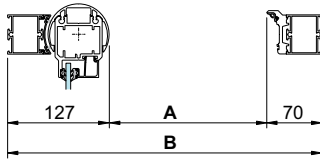
A= Clear dimension
B= Frame outside dimension
C= Wall opening

Rebate door with universal hinges:
D= 128 mm
with butt hinges:
D= 118 mm

Rebate door



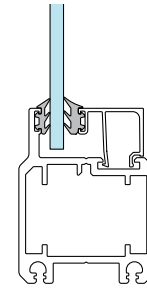
Door with anti-finger trap device



Door with anti-finger trap device

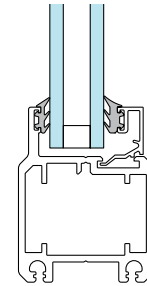
Glass, single glazing

Glass thickness 3–19 mm

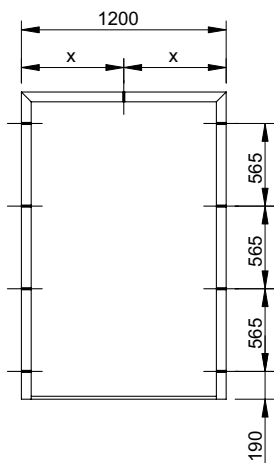


Glass, glazing units

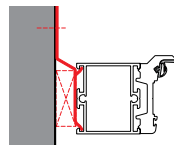
Glass thickness 20–33 mm



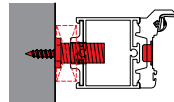
Attachment alternatives, Sapa 2060



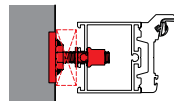
Door element must be attached to a suitable rigid wall structure. The choice of fixing method depends on the wall type. Number of attachment points as specified in SS 81 73 27.



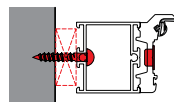
Frame attachment with twist anchor.



Frame attachment with adjustable frame bushing

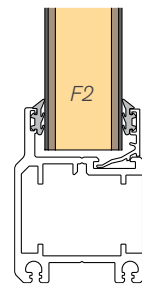


Frame attachment with bolt and welded plate



Frame attachment with screw

Infill panels, Sapa 2060



Infill panel F1
1.5 mm aluminium sheet
max. 30 mm
insulation 1.5 mm
aluminium sheet

Infill panel F2
1.5 mm aluminium sheet
4.8 mm board max. 20 mm
insulation 4.8 mm
board 1.5 mm aluminium sheet

Infill panel F3
1.5 mm aluminium sheet
10 mm chipboard max.
20 mm insulation 1.5 mm
aluminium sheet

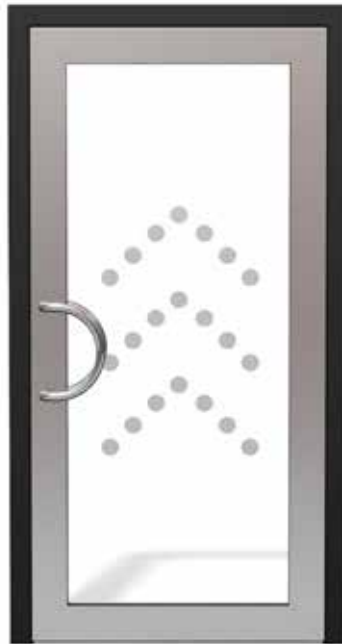
Read more in section on Glazed Elements.

Fittings

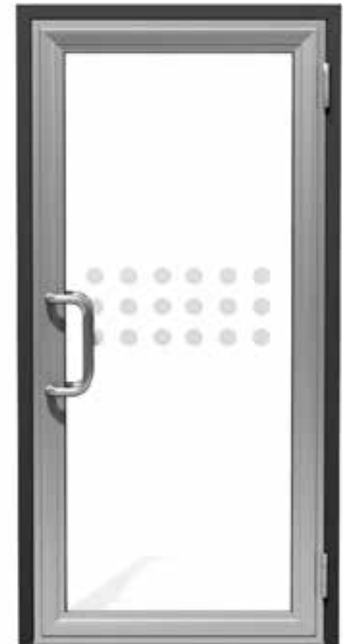
Design the entire solution. Our system solutions offer many different possible combinations. A selection is shown below.



2086/2050 narrow profile, outside



2086/2050 modular profile, outside.



2060 narrow profile, outside

Door handles and levers. Lock. Hinges.



Semicircular handle with concealed attachments.
Height 300 mm, Ø 30 mm.
Aluminum or stainless steel.



Triangular handle with concealed attachments.
Height 300 mm, Ø 30 mm.
Aluminum.



Offset handle with concealed attachments.
Height 300 mm, Ø 30 mm.
Aluminum.



Lever handle for inner door
Lever handle, knob, rosette and cylinder rosette with modular profile.
Width 137 mm, Ø 21 mm.



Universal hinge.



Lap butt hinge.



sapa:

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