



LET'S BUILD A BETTER FUTURE

 FRONT ENTRY DOORS / **AP** Series



ECO-HOME with AluDoor+

Front entry doors are a critical element of any building, serving both functional and aesthetic purposes. They provide thermal insulation, sound dampening, protection against weather conditions and unauthorised entry. Selecting the right door system is therefore essential to ensure long-term performance, energy efficiency, and architectural cohesion.

One key specification to evaluate when choosing an entry door is the thermal transmittance coefficient (U-value). A lower U-value indicates better insulation performance. The lower its value, the more heat will stay with us inside. AluDoor+ offers panelled doors with the UD coefficient of 0.50 W/(m²K).

When choosing your door, let's not forget to check out the water resistance. It's the water resistance of the door that will keep the driving rain outside in times of strong winds and heavy rain. The higher the class, the better the door protects our home. AluDoor+ offers panelled doors rated E1200 (1200 Pa).

Infill panels are included in door leaves based on the MB-70, MB-79N, MB-86 and MB-104 Passive system, and come in a variety of colours and structures. The elements can be milled, decorated with applications or made of insulated glass. Panelled doors can be fabricated very large and high – up to 1.40 m (W) and almost 2.60 m (H).

Whether the project calls for a classic look with glass accents and traditional veneers or a contemporary aesthetic in graphite or other modern RAL finishes, AluDoor+ provides customisable options to meet the demands of developers, architects, and contractors.

With a combination of advanced engineering, performance-driven design, and aesthetic versatility, **AluDoor+ front entry doors are a robust and reliable solution** for both residential and commercial developments.

MB-104 Passive

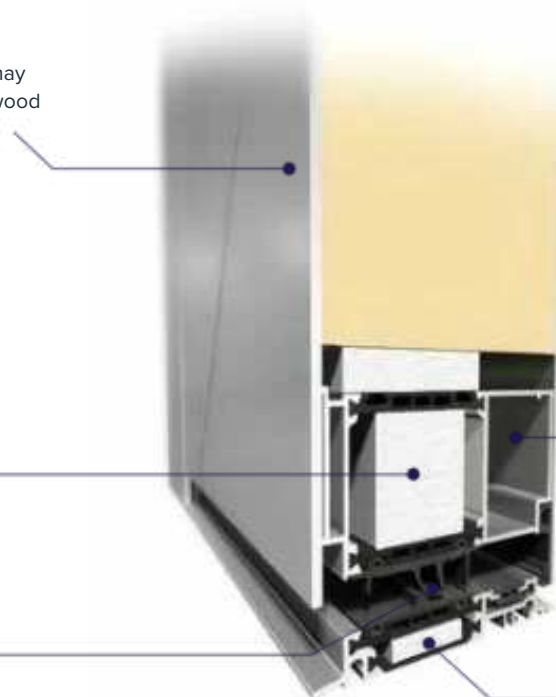
U_D from 0.50 W/m²K

AluDoor+ panel door uses thermally insulated aluminium profile system – MB-104 Passive is the most technologically advanced door system offered by AluDoor+. The leaf profile can be combined with special infills, aligned with the surface of the frame. The system is dedicated to passive and energy-efficient buildings.

Elegant decorative panels, available in many different patterns and RAL colours and wood effect finishes

Design variants: SI, SI+ and AERO

Central gaskets around the leaf and the frame to seal, cover, and increase the thermal insulation of the door



Technical details:

Frame depth	95 mm 95 mm up to 95 mm (H×L) L up to
Leaf depth	1400 mm, H up to 2600 mm
Infill panel thickness	
Maximum dimensions of the leaf	

Technical parameters:

Air permeability	Water	Class 4, EN 12207
tightness	Wind load	Class E1200 (1200 Pa), EN 12208
resistance	Thermal	Class C4/B4, EN 12210
insulation	Burglary-	UD from 0.50 W/m ² K
resistance		RC2

Expansion joint profiles

95 mm-wide warm threshold - the same width as the threshold and frame

MB-86

U_D from 0.66 W/m²K

AluDoor+ panel doors use thermally insulated aluminium profile system – MB-86 – which, just like the MB-104 Passive system, is dedicated to energy-efficient and passive building. The leaf profile can be combined with special infills, aligned with the surface of the frame.

Technical details:

Frame depth	77 mm 77 mm 44 and 77 mm (H×L) L up
Leaf depth	to 1400 mm, H up to 2600 mm
Infill panel thickness	
Maximum dimensions of the leaf	

Technical parameters:

Air permeability Water	Class 4, EN 12207
tightness Wind load	Class E900 (900 Pa), EN 12208
resistance Thermal	Class C5/B5, EN 12210
insulation Burglary-	UD from 0.66 W/m ² K
resistance	RC2

Aesthetically pleasing, decorative panels are available in various designs and colours

They come in four versions: ST, SI, SI + and AERO for a very good thermal performance

Rigid and durable aluminium profiles allow to fabricate of large-dimensioned doors

Weather strips provide high water tightness and air permeability, bringing comfort and money savings

MB-79N

U_D from 0.8 W/m²K

AluDoor+ panel door uses popular, thermally insulated aluminium profile system – MB-79N ST, MB-79N SI and MB-79N SI+. The leaf profile can be combined with special infills, aligned with the surface of the frame.

Elegant decorative panels, available in many different patterns and RAL colours and wood effect finishes

Expansion profiles

They come in three versions: MB-79N ST, MB-79N SI and MB-79N SI+, for a very good thermal performance



Technical details:

Frame depth	70 mm 70 mm 44 and 70 mm (H×L) L up
Leaf depth	to 1400 mm, H up to 2600 mm
Infill panel thickness	
Maximum dimensions of the leaf	

Technical parameters:

Air permeability	Water	Class 3, EN 12207
tightness	Wind load	Class E900 (900 Pa), EN 12208
resistance	Thermal	Class C5/B5, EN 12210
insulation	Burglary-	UD from 0.8 W/m ² K
resistance		RC2

Specially designed weather strips provide high water tightness and low air permeability, bringing both a comfort and a potential for cost savings

MB-70

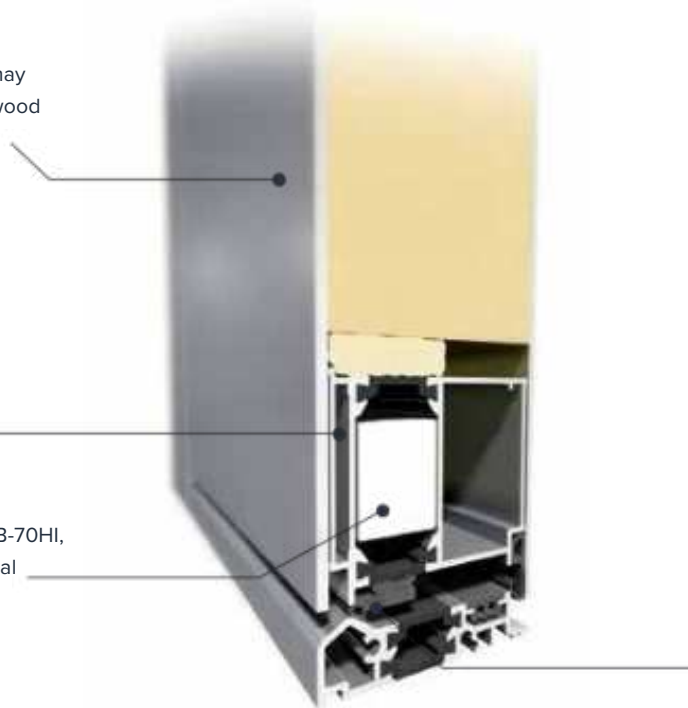
U_D from 0.9 W/m²K

The structure of panel doors is based on the popular thermally-broken aluminium sections MB-70 oraz MB-70HI which complete the range of energy-efficient doors in the AluDoor+ portfolio. Similarly to other panel door system the leaf profile is designed for coupling with special infill panels that can be installed flush with the door frame plane.

Elegant decorative panels, available in many different patterns and RAL colours and wood effect finishes

Expansion profiles and door leaf panels

Two variants of structure: MB-70 oraz MB-70HI, which enable obtaining very good thermal performance



Technical details:

Frame depth	70 mm
Leaf depth	70 mm 4
Infill panel thickness	4 and 70 mm
Maximum dimensions of the leaf	(H×L) L up to 1200 mm, H up to 2400 mm

Technical parameters:

Air permeability	Class 4, EN 12207
Water tightness	Class 7A (300 Pa), EN 12208
Wind load resistance	Class C5/B5, EN 12210
Thermal insulation	UD from 0.9 W/m ² K
Burglary-resistance	RC2

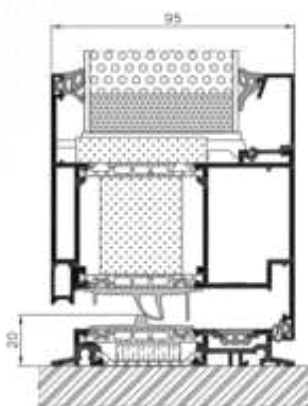
The selected seals ensure high water- and air tightness and air, improving the comfort of use and reducing the cost.

BASIC



Insert panels

- Triple glazing units Ug 0.5 W/m²K or Ug 0.7 W/m²K
- Panel thickness from 44 to 72 mm
- U-value
 - for MB-70HI door UD from 1.3 W/m²K,
 - for MB-79N door UD from 1.0 W/m²K,
 - for MB-86 door UD from 0.8 W/m²K,
 - and for MB-104 Passive door UD from 0.63 W/m²K
- Four construction variants: ST, HI, SI, SI+ & Aero

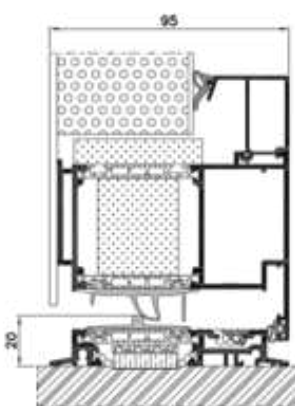


CLASSIC



Aligned on one side

- Triple glazing units Ug 0.5 W/m²K or Ug 0.7 W/m²K
- Panel thicknesses from 44 to 85 mm
- U-value
 - for MB-70HI door UD from 1.1 W/m²K,
 - for MB-79N door UD from 1.0 W/m²K,
 - for MB-86 door UD from 0.64 W/m²K
 - and for MB-104 Passive door UD from 0.48 W/m²K
- Four construction variants: ST, HI, SI, SI+ & Aero

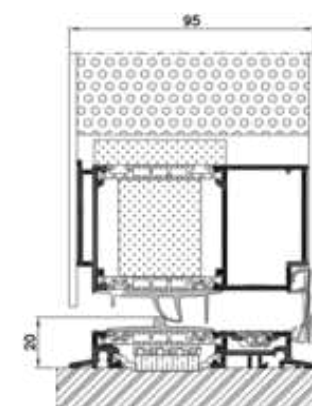


EXCLUSIVE



Aligned on both sides

- Triple glazing units Ug 0.5 W/m²K
- 70 mm thick panel (MB-70 and MB-79N),
77 mm (MB-86) and 95 mm (MB-104 Passive)
- U-value
 - for MB-70HI door UD from 0.9 W/m²K,
 - for MB-79N door UD from 0.8 W/m²K,
 - for MB-86 door UD from 0.66 W/m²K
 - and for MB-104 Passive door UD from 0.50 W/m²K
- Four construction variants: ST, HI, SI, SI+ & Aero



All available models can be inserted into the profiles or glued on one or both sides.



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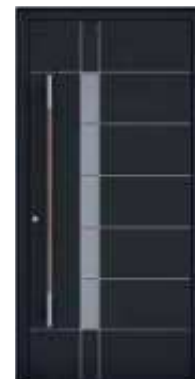
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AP21

with a sidelite

- APZ 1600 flush pull handle* Flush inlay
- Alunox 5 mm; on the outside face
- Surface finish: RAL 9005



AP22

- APZ 1600 flush pull handle*
- Glass pane:
 - outer: VSG 33.1
 - middle: Satinato
 - inner: insulating glass with low-E coating
- Surface finish: RAL 7021



AP23

- APZ 1600 flush pull handle*
- 5 mm carves; on the outside face
- AP 3021 kickplate
- Surface finish: DB 703



AP24

with a sidelite

- APZ 1600 flush pull handle*
- AP 3021 kickplate
- AP 3500 anti-scratch protection
- Surface finish RAL 9016

* Models with APZ flush pull handle are available for panel thickness range of 65-95mm



AP25

with a sidelite

- AP 200.1400 door pull handle made of high-grade steel/Jatobe wood
- 5 mm flush Alunox inlay; on the outside face
- Glass pane:
 - outer: VSG 33.1
 - middle: sandblasted glass, chosen motif
 - inner: insulating glass with low-E coating
- Surface finish: RAL 9005



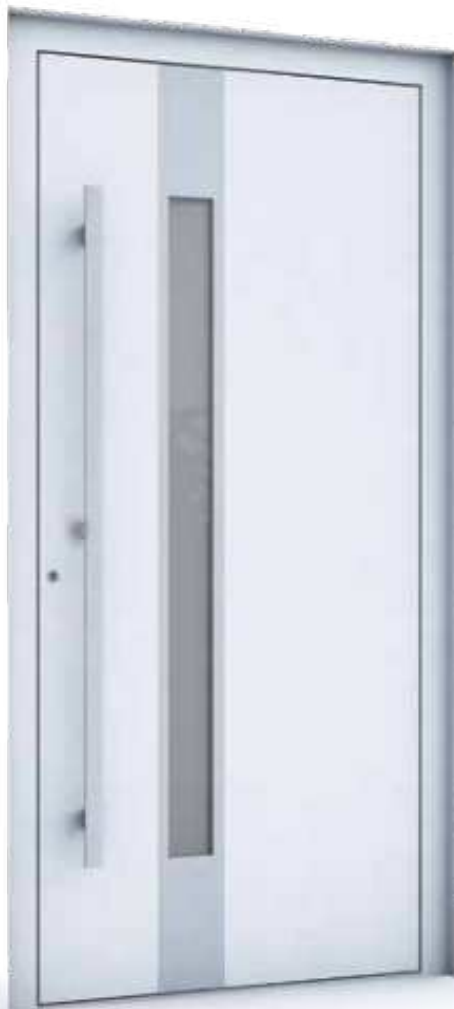
AP26

- AP 40.1600 door pull handle made of high-grade steel
- 5 mm flush Alunox inlay; on the outside face
- Glass pane:
 - outer: VSG 33.1
 - middle: Satinato
 - inner: insulating glass with low-E coating
- AP 3400 anti-scratch protection
- Surface finish: RAL 3004



AP27

- AP 60.1600 door pull handle made of high-grade steel
- 5 mm carves; on the outside face
- Glass pane:
outer: VSG 33.1 middle: Satinato inner:
insulating glass with low-E coating
- Surface finish: RAL 7016



AP28

- AP 60.1600 door pull handle made of high-grade steel
- 5 mm Alunox inlay; on the outside face
- Glass pane:
outer: VSG 33.1 middle: Satinato inner:
insulating glass with low-E coating
- Surface finish: RAL 9016



AP11

- AP 80.1625 door pull handle made of high-grade steel
- 5 mm Alunox inlay; on the outside face
- Glass pane:
outer: VSG 33.1
middle: sandblasted with transparent frame
inner: insulating glass with low-E coating
- Surface finish: RAL 9007



AP29

- AP 46.825 door pull handle made of high-grade steel, finished in black
- U-type carves; on the outside face
- Surface finish: Winchester - ADEC D207



AP30

- AP 130.1030 door pull handle made of high-grade steel
- 5 mm flush Alunox inlay; on the outside face
- Surface finish: RAL 7016



AP19

- AP 60.800 door pull handle made of high-grade steel
- Glass pane:
outer: VSG 33.1
middle: sandblasted with transparent strips inner: insulating glass with low-E coating
- Surface finish: RAL 9016



AP01

- AP 40.1600 door pull handle made of high-grade steel
- Flush Alunox inlay; on the outside face
- Glass pane:
 - outer: VSG 33.1 middle: sandblasted with transparent strips inner: insulating glass with low-E coating
- AP 3021 kickplate
- AP 3400 anti-scratch protection
- Surface finish: RAL 9005



AP02

with a sidelite

- AP 60.1600 door pull handle made of high-grade steel
- Flush Alunox inlay; on the outside face
- Glass pane:
 - outer: VSG 33.1
 - middle: sandblasted with transparent strips
 - inner: insulating glass with low-E coating
- AP 3400 anti-scratch protection
- Surface finish: RAL 7016



AP31

- AP 46.1625 door pull handle made of high-grade steel
- Carves; on the outside face
- Glass pane:
outer: VSG 33.1 middle: sandblasted with transparent strips inner: insulating glass with low-E coating
- Surface finish: RAL 7001



AP16

- AP 60.1600 door pull handle made of high-grade steel
- Carves; on the outside face
- Glass pane:
outer: VSG 33.1
middle: sandblasted with transparent strips
inner: insulating glass with low-E coating
- Surface finish: RAL 9016



AP18

- AP 80.1625 door pull handle made of high-grade steel
- Carves; on the outside face
- Flush Alunox inlay; on the outside face
- Glass pane:
outer: VSG 33.1 middle: sandblasted with transparent strips inner: insulating glass with low-E coating
- AP 3021 kickplate
- Surface finish: RAL 7015



AP07

- AP 40.1600 door pull handle made of high-grade steel
- Carves; on the outside face
- Glass pane:
outer: VSG 33.1 middle: sandblasted with transparent frame inner: insulating glass with low-E coating
- Surface finish: RAL 3004



AP03

- AP 60.1600 door pull handle made of high-grade steel
- Flush Alunox inlay; on the outside face
- Glass pane:
outer: VSG 33.1
middle: Satinato
inner: insulating glass with low-E coating
- AP 3021 kickplate
- Surface finish: RAL 7016



AP08

- AP 80.825 door pull handle made of high-grade steel
- Glass pane:
outer: VSG 33.1
middle: sandblasted with transparent frame
inner: insulating glass with low-E coating
- AP 3021 kickplate
- Surface finish: RAL 9016



AP13

- AP 200.1600 door pull handle made of high-grade steel/Jatobe wood
- Flush Alunox inlay; on the outside face
- Glass pane:
 - outer: VSG 33.1
 - middle: Satinato
 - inner: insulating glass with low-E coating
- Surface finish: RAL 7016



AP09

with a sidelite

- AP 60.1400 door pull handle made of high-grade steel
- Flush Alunox inlay; on the outside face
- Glass pane:
 - outer: VSG 33.1
 - middle: sandblasted glass with transparent frame
 - inner: insulating glass with low-E coating
- Surface finish: RAL 7016/ sweet cherry - ADEC C212



AP12

- AP 50.1200 door pull handle made of high-grade steel
- Glass pane:
 - outer: VSG 33.1
 - middle: sandblasted glass with transparent frame
 - inner: insulating glass with low-E coating
- Surface finish: RAL 9007/RAL 3004



AP15

- AP 50.1200 door pull handle made of high-grade steel
- Flush Alunox inlay; on the outside face
- Glass pane:
 - outer: VSG 33.1
 - middle: Satinato
 - inner: insulating glass with low-E coating
- Surface finish: wallnut - ADEC 0102



AP17

- AP 50.1200 door pull handle made of high-grade steel
- Carves; on the outside face
- Glass pane:
 - outer: VSG 33.1
 - middle: sandblasted with transparent strips
 - inner: insulating glass with low-E coating
- AP 3300 anti-scratch protection
- Surface finish: DB 703



AP05

- AP 40.1600 door pull handle made of high-grade steel
- Carves; on the outside face
- AP 3021 kickplate
- Surface finish: RAL 9005



AP04

- AP 60.1600 door pull handle made of high-grade steel
- Flush Alunox inlay; on the outside face
- AP 3021 kickplate
- Surface finish: Winchester - ADEC D207



AP10

- AP 60.1800 door pull handle made of high-grade steel
- AP 3400 anti-scratch protection
- AP 3020 kickplate
- Surface finish: RAL 9006



AP20

- AP 60.1600 door pull handle made of high-grade steel
- Glass pane:
 - outer: VSG 33.1
 - middle: sandblasted chosen motif
 - inner: insulating glass with low-E coating
- AP 3400 anti-scratch protection
- Decorative elements: ornamental frame on the outside
- Surface finish: Vien wallnut - ADEC O102

The actual product colours may vary from the colours shown



Pull handle



AP 40

pull handle, dia. 30 mm
(right-angle holders),
stainless steel, matte,
polished

•AP 40.600	30x600 mm
•AP 40.800	30x800 mm
•AP 40.1000	30x1000 mm
•AP 40.1200	30x1200 mm
•AP 40.1400	30x1400 mm
•AP 40.1600	30x1600 mm
•AP 40.1800	30x1800 mm



AP 60

pull handle, 40 x 10 mm
(right-angle holders),
stainless steel, matte,
polished

•AP 60.600	40x10x600 mm
•AP 60.800	40x10x800 mm
•AP 60.1000	40x10x1000 mm
•AP 60.1200	40x10x1200 mm
•AP 60.1400	40x10x1400 mm
•AP 60.1600	40x10x1600 mm
•AP 60.1800	40x10x1800 mm



AP 100

pull handle, 30 x 30 mm
(right-angle holders),
stainless steel, matte,
polished

•AP 100.600	600 mm
•AP 100.800	800 mm
•AP 100.1000	1000 mm
•AP 100.1200	1200 mm
•AP 100.1400	1400 mm
•AP 100.1600	1600 mm
•AP 100.1800	1800 mm



AP 80

pull handle, 40 x 10 mm (right-angle
holders), stainless steel, matte,
polished or black finished

•AP 80.625	625 mm
•AP 80.825	825 mm
•AP 80.1025	1025 mm
•AP 80.1225	1225 mm
•AP 80.1425	1425 mm
•AP 80.1625	1625 mm
•AP 80.1825	1825 mm

Available colours:



stainless steel



black



AP 50

pull handle, dia. 30 mm
(holders bent to the side),
stainless steel, matte,
polished

•AP 50.600	30x600 mm
•AP 50.1000	30x1000 mm
•AP 50.1200	30x1200 mm



AP 30

pull handle, dia. 30 mm
(holders turned 45 deg.),
stainless steel, matte,
polished

•AP 30.600	30x600 mm
•AP 30.800	30x800 mm
•AP 30.1000	30x1000 mm
•AP 30.1200	30x1200 mm
•AP 30.1400	30x1400 mm
•AP 30.1600	30x1600 mm
•AP 30.1800	30x1800 mm



AP 70

pull handle, 40 x 10 mm
(holders turned 45 deg.),
stainless steel, matte,
polished

•AP 70.600	40x10x600 mm
•AP 70.800	40x10x800 mm
•AP 70.1000	40x10x1000 mm
•AP 70.1200	40x10x1200 mm
•AP 70.1400	40x10x1400 mm
•AP 70.1600	40x10x1600 mm
•AP 70.1800	40x10x1800 mm



AP 110

pull handle, 30 x 30 mm
(holders turned 45 deg.),
stainless steel, matte,
polished

•AP 110.600	600 mm
•AP 110.800	800 mm
•AP 110.1000	1000 mm
•AP 110.1200	1200 mm
•AP 110.1400	1400 mm
•AP 110.1600	1600 mm
•AP 110.1800	1800 mm



AP 90

pull handle, 40 x 10 mm
(holders bent forward),
stainless steel, matte,
polished

•AP 90.600	600 mm
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AP 46

pull handle, 40 x 25 mm, semi-
circular (right-angle holders),
stainless steel, matte, polished or
black finished

•AP 46.625	625 mm
•AP 46.825	825 mm
•AP 46.1025	1025 mm
•AP 46.1225	1225 mm
•AP 46.1425	1425 mm
•AP 46.1625	1625 mm
•AP 46.1825	1825 mm

Available colours:



stainless steel



black

Lever handles

AP 200

pull handle, dia. 35 - 40 mm
(right-angle holders),
Jatobe/stainless steel, matte,
polished

•AP 200.800	800 mm
•AP 200.1200	1200 mm
•AP 200.1600	1600 mm

AP 130

pull handle, 30 x 20 mm
(right-angle holders),
stainless steel, matte,
polished

•AP 130.630	630 mm
•AP 130.830	830 mm
•AP 130.1030	1030 mm
•AP 130.1230	1230 mm
•AP 130.1430	1430 mm
•AP 130.1630	1630 mm

AP 210

pull handle, dia. 35 - 40 mm
(holders turned 45 deg.),
Jatobe/stainless steel,
matte, polished

•AP 210.800	800 mm
•AP 210.1200	1200 mm
•AP 210.1600	1600 mm

AP 270

horizontal pull handle

•AP 270	60x550mm
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AP 250

horizontal pull handle

•AP 250	480x65mm
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lever handle: 1924216X
stainless steel, natural
anode and inox, white,
anthracite, black



lever handle: 1924218X
escutcheon: 1924230X
stainless steel, natural anode and inox,
white, anthracite, black



lever handle: 1924111X
escutcheon: 1924113X
RAL colours



lever handle: 8001289X
escutcheon: 1924113X
RAL colours, natural
anode, faux anode

AluDoor+ offers a wide range of kickplates and door protection plates as anti-scratch protection of the door surface.

AP 3300

Flush anti-scratch protection,
Alunox



AP 3400

Flush anti-scratch protection,
Alunox



AP 3500

Flush anti-scratch protection,
Alunox



AP 3000

Flush kickplate – Alunox



| 130 mm high

AP 3020

Flush kickplate – Alunox



| 60 mm high

AP 3021

Flush kickplate – Alunox



| 30 mm high

Wood-like coatings and RAL colours



Golden Oak
ADEC D101

Rustic Oak
ADEC D210

Swamp Oak
ADEC D502

Vintage Oak
ADEC D825

Ebony ADEC
M102

Palisander
ADEC M332

Walnut
ADEC O102

Walnut Vein
ADEC O205

Dark walnut
ADEC O306

Mahogany
ADEC M103



Mahogany Sapeli
ADEC M204

Fir
ADEC J107

Beech ADEC
B108

Cherry
ADEC W109

Wenge
ADEC W205

Winchester
ADEC D207

Gean
ADEC C110

Gean
ADEC C212

Dark Cherry
ADEC C106

Chestnut
ADEC K101

// RAL & structural colours*



Concrete
ADEC E137

* All RAL colours and structural colours as per the offer. The colours may vary slightly from the finished product.

Master-Point
clear glass



Chinchilla
clear glass



Satinato
frosted glass



Master-Ligne
clear glass



Master-Carre
clear glass



Transparent
glass



AluDoor+ offers a wide range of glass with motif, glass made of transparent or ornamental glass in its most popular models

All door models come in variants with sidelight and toplight.

Version 1: glass with motif

Version 2: transparent glass

Version 3: ornamental glass

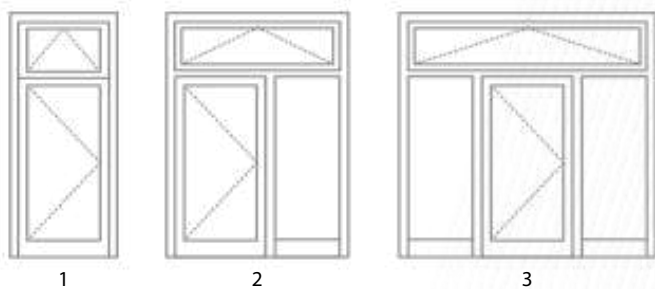
Sidelights and fixed lights include triple glazing units with warm glass spacers. Sidelights (fixed glazing) can be placed either on one or on both sides of the door assembly. Maximum sidelight width: 1400mm.

Triple glazing: Ug- from 0.5 to 0.7 W/m²K
For depth of frame from 44-85 mm
(black, warm edge spacer bar)

outer: 6 mm laminated safety glass (VSG)
middle: sandblasted glass/ leaded stained glass / insulating glass with low-E coating
inner: insulating glass with low-E coating

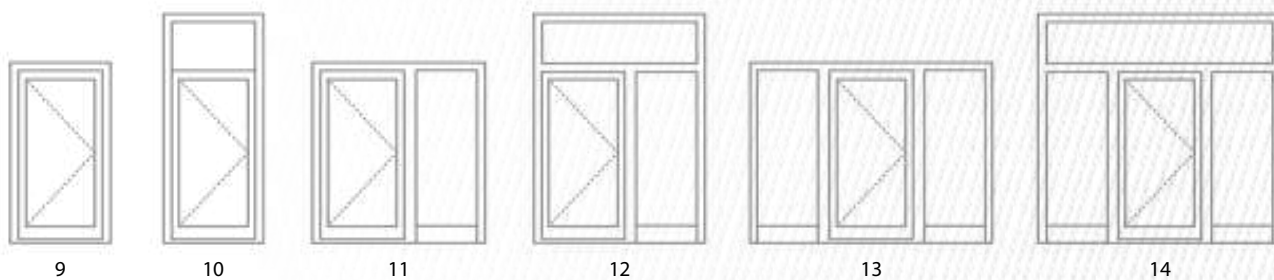
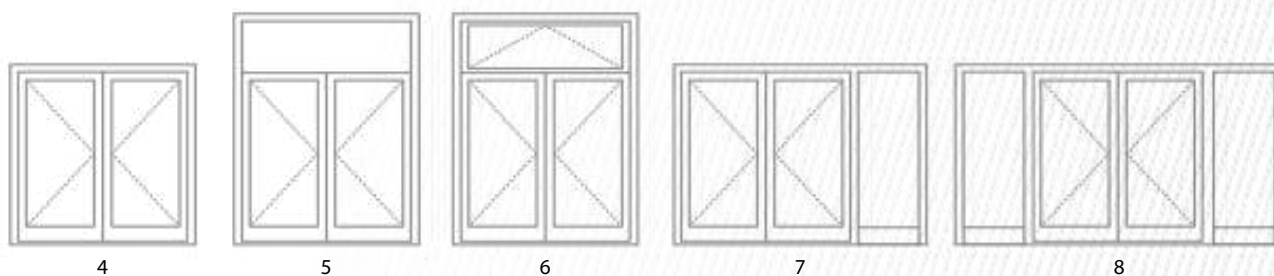
Quadruple glazing: Ug- 0.5 W/m²K
For 95 mm frame depth
(black, warm edge spacer bar)

outer: 6 mm laminated safety glass (VSG)
middle I: sandblasted glass / leaded stained glass /insulating glass with low-E coating
middle II: insulating glass with low-E coating
inner: insulating glass with low-E coating



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Please visit our site www.alufolddirect.co.uk to learn more on energy-efficient aluminium systems for the construction industry.







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AluFold DIRECT

Address: [6b Frontier Ave, Blackburn BB1 3AL](#)

Tel. 01706 260 700

e-mail: sales@alufolddirect.co.uk

www.alufolddirect.co.uk