ALUPROF
ALUMINIUM SYSTEMS



LET'S BUILD A BETTER FUTURE

FRONT ENTRY DOORS / **AP** series



ECO-HOME with Aluprof

Front entry doors; aren't they one of the most important parts of our home? They protect us from the cold, the rain, and the burglars, to mention just a few examples. Doors also keeps us away from street noise. But how do you make the right choice, and buy a door that will meet our expectations and serve us for years?

An issue that requires careful consideration before the purchase is the heat transfer coefficient (U). The lower its value, the more heat will stay with us inside. Aluprof offers panelled doors with the U_D coefficient of 0.50 W/(m^{2}K).

When choosing our door, let's not forget to check out their 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. Aluprof 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). If, therefore, we dream of an impressive front entrance, this will be the perfect choice. But above all, the door should fit to the style of your home. If our interiors are the traditional ones, we should opt for a leaf with glass panels or wooden-like veneer. Lovers of modern interior can choose among RAL colours, think shade of graphite.

Let's take some time and choose a door with which we will create a beautiful entrance that will enchant our guests and will make us feel like we were in a safe haven.

MB-104 Passive

U_D from 0.50 W/m²K

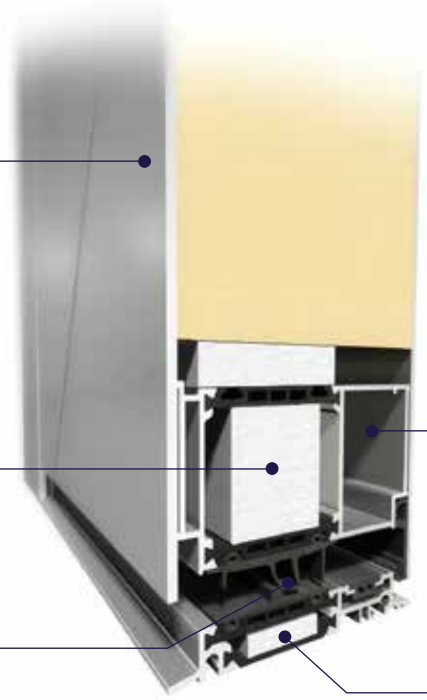
Aluprof's panel door uses thermally insulated aluminium profile system – MB-104 Passive is the most technologically advanced door system offered by Aluprof. The leaf profile can be combined with special infills, aligned with the surface of the frame. The system is dedicated to passive and energy-efficient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

Technical details:

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

Technical parameters:

Air permeability	Class 4, EN 12207
Water tightness	Class E1200 (1200 Pa), EN 12208
Wind load resistance	Class C4/B4, EN 12210
Thermal insulation	U_D from 0.50 W/m²K
Burglary-resistance	RC2



MB-86

U_D from 0.66 W/m²K

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

Technical parameters:

Air permeability	Class 4, EN 12207
Water tightness	Class E900 (900 Pa), EN 12208
Wind load resistance	Class C5/B5, EN 12210
Thermal insulation	U_D from 0.66 W/m²K
Burglary-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

Aluprof's 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.

Technical details:

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

Technical parameters:

Air permeability	Class 3, EN 12207
Water tightness	Class E900 (900 Pa), EN 12208
Wind load resistance	Class C5/B5, EN 12210
Thermal insulation	U_D from 0.8 W/m²K
Burglary-resistance	RC2

Elegant decorative panels, available in may 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



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 Aluprof 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.

Technical details:

Frame depth	70 mm
Leaf depth	70 mm
Infill panel thickness	44 and 70 mm
Maximum dimensions of the leaf	(H×L) L up to 1200 mm, H up to 2400 mm

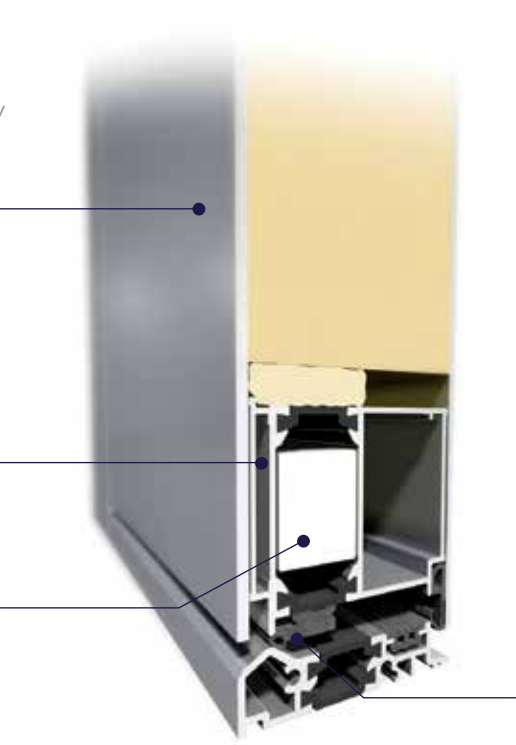
Technical parameters:

Air permeability	Class 4, EN 12207
Water tightness	Class 7A (300 Pa), EN 12208
Wind load resistance	Class C5/B5, EN 12210
Thermal insulation	U_D from 0.9 W/m²K
Burglary-resistance	RC2

Elegant decorative panels, available in may 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



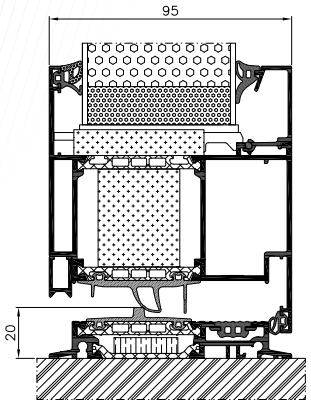
The selected seals ensure high water- and air tightness and air, improving the comfort of use and reducing the cost.

BASIC



Insert panels

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

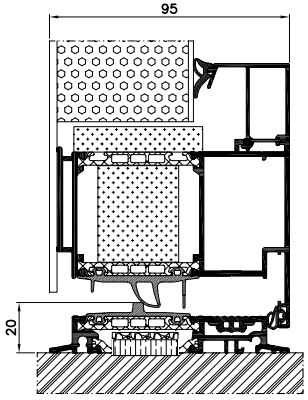


CLASSIC



Aligned on one side

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

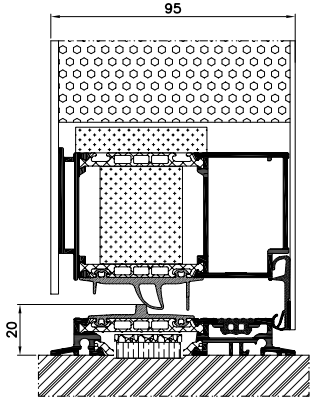


EXCLUSIVE



Aligned on both sides

- Triple glazing units U_g 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 U_D from 0.9 W/m²K,
  for MB-79N door U_D from 0.8 W/m²K,
  for MB-86 door U_D from 0.66 W/m²K
  and for MB-104 Passive door U_D 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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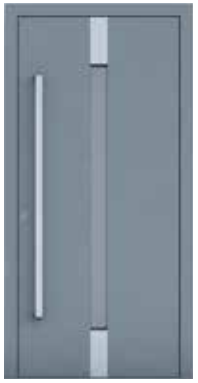
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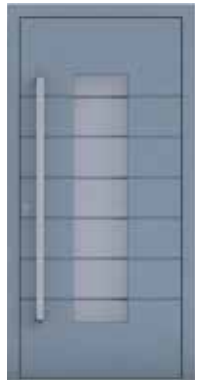
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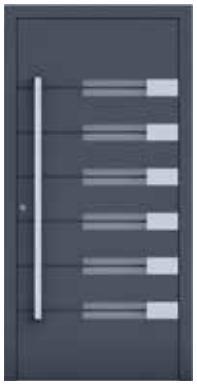
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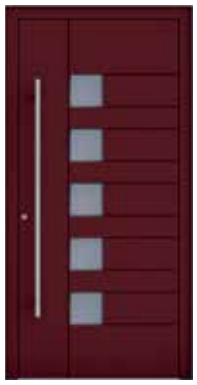
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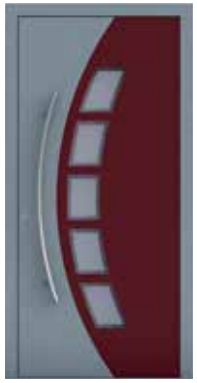
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AP21 with a sidelite

- 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

The actual product colours may vary from the colours shown



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

The actual product colours may vary from the colours shown

* 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

The actual product colours may vary from the colours shown



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

The actual product colours may vary from the colours shown



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

The actual product colours may vary from the colours shown



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

The actual product colours may vary from the colours shown



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

The actual product colours may vary from the colours shown



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

The actual product colours may vary from the colours shown



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

The actual product colours may vary from the colours shown



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

The actual product colours may vary from the colours shown



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

The actual product colours may vary from the colours shown



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



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



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



AP 250

horizontal pull handle

- AP 250 480x65mm

Lever handles



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

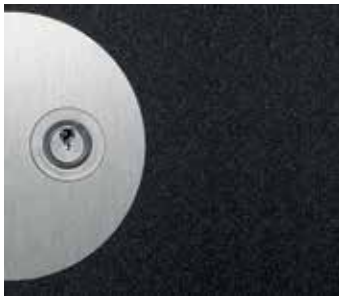


lever handle: **8001289X**
escutcheon: **1924113X**
RAL colours, natural anode, faux anode

Aluprof 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



Ebony
ADEC M102



Walnut
ADEC O102



Walnut Vein
ADEC O205



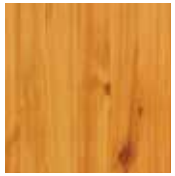
Mahogany
ADEC M103



Mahogany Sapeli
ADEC M204



Pine
ADEC S106



Pine
ADEC S110



Fir
ADEC J107



Fir
ADEC S208



Beech
ADEC B108



Cherry
ADEC W109



Wenge
ADEC W205



Winchester
ADEC D207



Gean
ADEC C110



Gean
ADEC C212



Dark Cherry
ADEC C106



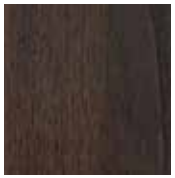
Chestnut
ADEC K101

// RAL & structural colours*





Palisander
ADEC M332



Dark walnut
ADEC O306



Vintage Oak
ADEC D825



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



Aluprof 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

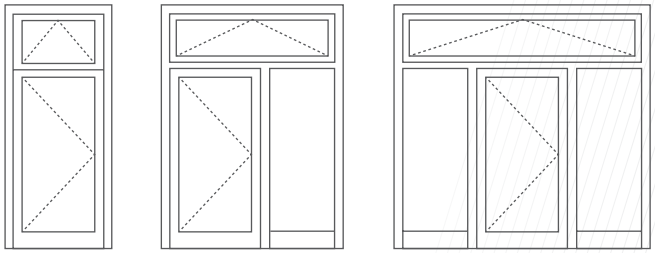
Sidelights and fixed lights include triple glazing units with warm glass spacers. Sidelights (fixed glazing) can be placed either on one or on both sides of the door assembly. Maximum sidelight width: 1400mm.

Triple glazing: U_g- 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

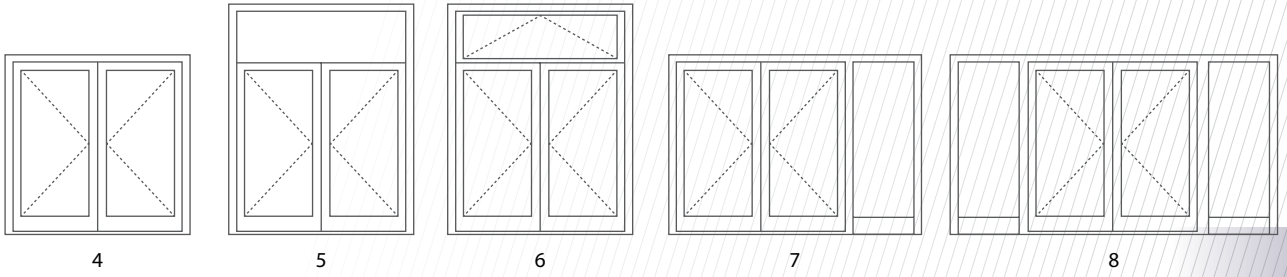
Quadruple glazing: U_g- 0.5 W/m²K
For 95 mm frame depth
(black, warm edge spacer bar)

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

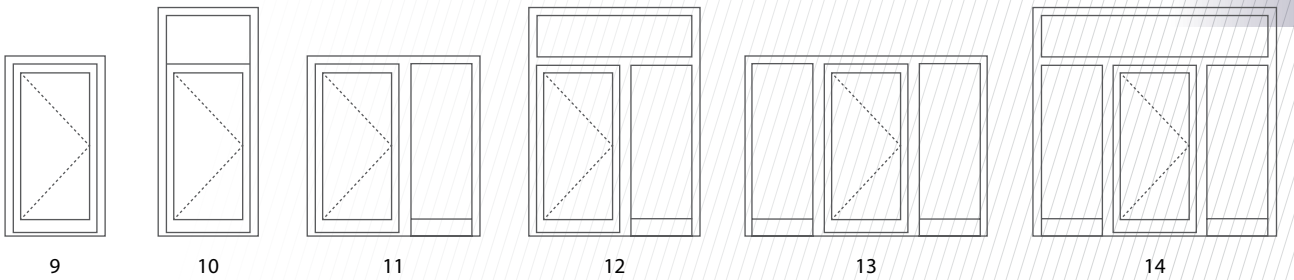


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ALUPROF
ALUMINIUM SYSTEMS

ALUPROF SA
ul. Warszawska 153, 43-300 Bielsko-Biała, Poland
tel. +48 33 81 95 300, fax +48 33 82 20 512
e-mail: aluprof@aluprof.eu, www.aluprof.eu

Grupa Kęty

www.aluprof.eu