

LET'S BUILD A BETTER FUTURE

FRONT ENTRY DOORS / **AD** series



Comfort is just a step away

Front entry doors, aren't they one of the most important parts of our home? They protect us from the cold, from the rain or the burglars, to mention just these 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 0.44 W/(m²K).

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. Water resistance of the front entry door is rated from 3A to 9A. The higher the class, the better the door protects our home. Aluprof offers panelled doors rated 7A.

Infill panels are included in door leaves based on the MB-70, MB-79N, MB-86N & 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 0.44 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	44 - 95 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 E1200 (1200 Pa), EN 12208
Wind load resistance	Class C4/B4, EN 12210
Thermal insulation	U_D from 0.44 W/m²K
Burglary-resistance	RC2



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

Expansion profiles and door leaf panels

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

High density polyurethane foam (PUR) with high thermal performance

95 mm wide threshold the frame and threshold are the same width, providing a desirable flush finish

MB-86N

U_D from 0.64 W/m²K

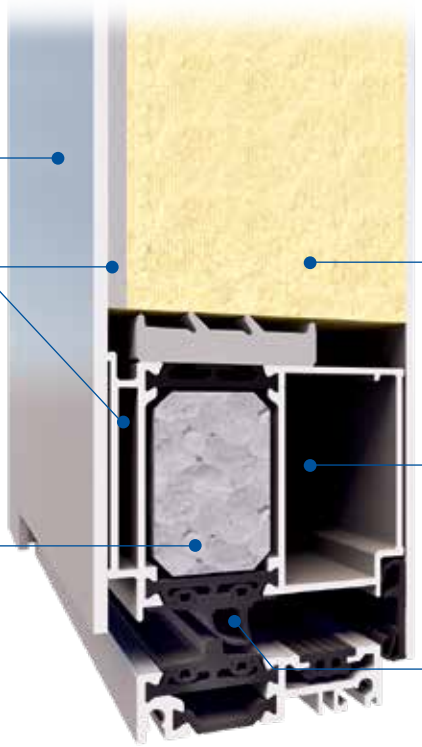
Aluprof's panel doors use thermally insulated aluminium profile system – MB-86N – which, just like the MB-104 Passive system, is dedicated to energy-efficient and passive building. The leaf profile can be combined with special infills, aligned with the surface of the frame.

Technical details:

Frame depth	77 mm
Leaf depth	77 mm
Infill panel thickness	44 - 77 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 0.64 W/m²K
Burglary-resistance	RC2



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

Expansion profiles and door leaf panels

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

Excellent thermal insulation thanks to the polyurethane foam (PUR)

Rigid and durable aluminium profiles permit the fabrication of large-dimensioned doors

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

MB-79N

U_D from 0,7 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 -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 0.7 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

XPS polyurethane foam ensures an excellent thermal insulation

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 and 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 f rame plane.

Technical details:

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

Technical parameters:

Air permeability	Klasa 4, EN 12207
Water tightness	Klasa 7A (300 Pa), EN 12208
Wind load resistance	Klasa 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

Two design variants: MB-70 and MB-70HI for a very good thermal performance

XPS extruded polystyrene with enhanced thermal insulation

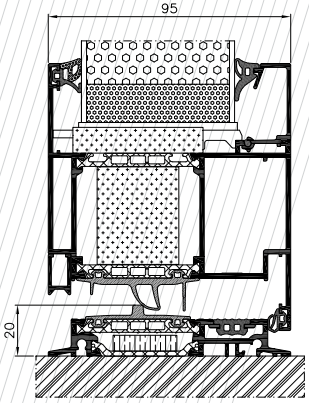
Specially designed weather strips provide high water tightness and low air permeability, bringing both a comfort and a potential for cost savings

BASIC



Insert panels

- Double glazing units, U_g coefficient of U_g 0.5 W/m²K or of 0.7 W/m²K
- 44 to 72 mm thick panel
- Thermal transmittance for MB-70HI doors U_D from 1.3 W/m²K, for MB-79N doors U_D from 1.0 W/m²K, for MB-86N doors U_D from 0.8 W/m²K and for MB-104 doors U_D from 0.63 W/m²K
- Four versions: ST, HI, SI, SI+ and Aero

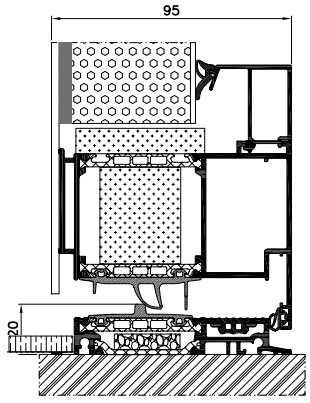


CLASSIC



Aligned on one side

- Triple glazing units, U_g coefficient of U_g 0.5 W/m²K or of 0.7 W/m²K
- 44 to 85 mm thick panel
- Thermal transmittance for MB-70HI doors U_D from 1.1 W/m²K, for MB-79N doors U_D from 0.9 W/m²K, for MB-86N doors U_D from 0.67 W/m²K and for MB-104 doors U_D from 0.48 W/m²K
- Four versions: ST, HI, SI, SI+ and Aero

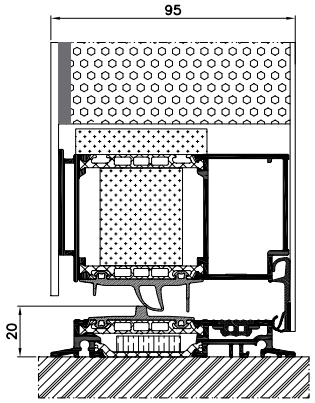


EXCLUSIVE



Aligned on both sides

- Triple glazing units, U_g coefficient of U_g 0.5 W/m²K or of 0.7 W/m²K
- 70 mm thick panel (MB-70 and MB-79N), 77 mm (MB-86N) and 95 mm (MB-104 Passive)
- Thermal transmittance for MB-70HI doors U_D from 0.9 W/m²K, for MB-79N doors U_D from 0.7 W/m²K, for MB-86N doors U_D from 0.64 W/m²K and for MB-104 doors U_D from 0.44 W/m²K
- Four versions: ST, HI, SI, SI+ and Aero



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



AD01

- Pull AS 10 1600
- Glazing (front): VSG 33.1 thermofloat
- Glazing (center): Satinovo
- Glazing (backside) thermofloat with warm edge spacer
- Colour: RAL 7016



AD02

- Pull AS 10 1600
- Glazing (front): VSG 33.1 thermofloat
- Glazing (center): Satinovo
- Glazing (backside) thermofloat with warm edge spacer
- Inox steel placed outside, aligned
- Colour: RAL 7016



AD03

- Pull AS 10 1600
- Glazing (front): VSG 33.1 thermofloat
- Glazing (center): Satinovo
- Glazing (backside) thermofloat with warm edge spacer
- Inox steel placed outside, aligned
- Colour: RAL 7016



AD04

- Pull AS 10 800
- Glazing (front): VSG 33.1 thermofloat
- Glazing (center): Satinovo
- Glazing (backside) thermofloat with warm edge spacer
- Inox steel placed outside, sticked
- Colour: RAL 7016



AD05

- Pull AS 20 800
- Glazing (front): VSG 33.1 thermofloat
- Glazing (center): Satinovo
- Glazing (backside) thermofloat with warm edge spacer
- Inox steel placed outside, sticked
- Colour: RAL 7016



AD06

- Pull AS 10 1400
- Glazing (front): VSG 33.1 thermofloat
- Glazing (center): Satinovo
- Glazing (backside) thermofloat with warm edge spacer
- Inox steel placed outside, aligned
- Colour: RAL 7016



AD07

- Pull AS 10 1600
- External millings
- Colour: RAL 7016



AD08

- Pull AD 134 1200
- Glazing (front): VSG 33.1 thermofloat
- Glazing (center): sandblasted glass with transparent strips
- Glazing (backside) thermofloat with warm edge spacer
- Inox steel placed outside, aligned
- Colour: RAL 7016



AD09

- Pull AS 10 800
- Glazing (front): VSG 33.1 thermofloat
- Glazing (center): Satinovo
- Glazing (backside) thermofloat with warm edge spacer
- External millings
- Colour: RAL 7016



AD10

- Pull AS 10 1200
- External millings plus inox steel placed outside
- Colour: RAL 7016



AD11

- Pull AS 20 1200
- Glazing (front): VSG 33.1 thermofloat
- Glazing (center): Satinovo
- Glazing (backside) thermofloat with warm edge spacer
- External millings
- Colour: RAL 7016



AD12

- Pull AS 10 1400
- Glazing (front): VSG 33.1 thermofloat
- Glazing (center): Satinovo
- Glazing (backside) thermofloat with warm edge spacer
- External millings
- Colour: RAL 7016



AD13

- Pull AS 10 1200
- Glazing (front): VSG 33.1 thermofloat
- Glazing (center): Satinovo
- Glazing (backside) thermofloat with warm edge spacer
- Wood-like or inox steel placed outside, aligned
- Colour: RAL 9007



AD14

- Pull AS 10 1200
- Inox steel placed outside, aligned
- Colour: RAL 7016



AD15

- Pull AZ76
- Glazing (front): VSG 33.1 thermofloat
- Glazing (center): Satinovo
- Glazing (backside) thermofloat with warm edge spacer
- Inox steel placed outside, aligned
- Colour: RAL 7016/RAL 3004



AD16

- Pull AW72
- External millings
- Colour: RAL 7001



AD17

- Pull AS 10 1600
- Colour: RAL 3004



AD18

- Pull AW10
- Inox steel placed outside, aligned
- Colour: RAL 7016



AD19

- Pull AS 10 800
- Glazing (front): VSG 33.1 thermofloat
- Glazing (center): sandblasted glass with transparent strips
- Glazing (backside) thermofloat with warm edge spacer
- Colour: RAL 7001



AD20

- Pull AS 10 1400
- Glazing (front): VSG 33.1 thermofloat
- Glazing (center): Satinovo
- Glazing (backside) thermofloat with warm edge spacer
- Inox steel placed outside, aligned
- Colour: RAL 7016



AD21

- Pull AS 10 1200
- Glazing (front): VSG 33.1 thermofloat
- Glazing (center): Satinovo
- Glazing (backside) thermofloat with warm edge spacer
- Wood-like colour: ADEC M102 Ebony
- Colour: RAL 9010



AD22

- Pull AS 10 1000
- Glazing (front): VSG 33.1 thermofloat
- Glazing (center): Satinovo
- Glazing (backside) thermofloat with warm edge spacer
- Inox steel placed outside, aligned
- Colour: RAL 7016



AD23

- Pull AS 10 1200
- Glazing (front): VSG 33.1 thermofloat
- Glazing (center): Satinovo
- Glazing (backside) thermofloat with warm edge spacer
- External millings
- Colour: RAL 7016



AD24

- Pull AS 10 1400
- Inox steel placed outside, aligned
- Colour: RAL 7016/Wood-like
- Wood-like colour: ADEC O205 Walnut Vein



AD25

- Pull AS 10 1400
- Glazing (front): VSG 33.1 thermofloat
- Glazing (center): Satinovo
- Glazing (backside) thermofloat with warm edge spacer
- External millings plus stainless steel, placed outside, aligned
- Colour: RAL 9016



AD26

- Pull AS 10 1600
- Glazing (front): VSG 33.1 thermofloat
- Glazing (center): Satinovo
- Glazing (backside) thermofloat with warm edge spacer
- Inox steel placed outside, aligned
- Colour: RAL 3004



AD27

- Pull AS 10 1800
- Glazing (front): VSG 33.1 thermofloat
- Glazing (center): Satinovo
- Glazing (backside) thermofloat with warm edge spacer
- Inox steel placed outside, aligned
- Colour: RAL 7016



AD28

- Pull AS 10 1400
- Glazing (front): VSG 33.1 thermofloat
- Glazing (center): Satinovo
- Glazing (backside) thermofloat with warm edge spacer
- Inox steel placed outside, aligned
- Colour: RAL 9016



AD29

- Pull AQ10 1020 1600 mm with RAL 9005 powder coating
- External millings
- Colour: RAL 7016
- Wood-like colour: ADEC C212 Gean



AD30

- Pull AW25
- External millings
- Colour: RAL 3003



AD31

- Pull AW104
- External millings
- Colour: RAL 7001



AD32

- Flush-mounted pull AW23, L-1400 mm, inox steel
- Colour: RAL 9007



AD33

- Flush-mounted pull L-1000 mm integrated with the panel, with matching powder coating
- Inox steel, aligned
- Colour: RAL 9016



AD34

- Flush-mounted pull L-1000 mm integrated with the panel, with matching powder coating
- Wood-like paint
- Colour: RAL 9016
- Wood-like colour: ADEC D207 Winchester



AD35

- Flush-mounted pull L-1600 mm integrated with the panel, with matching powder coating
- Glazing (front): VSG 33.1 thermofloat
- Glazing (center): Satinovo
- Glazing (backside) thermofloat with warm edge spacer
- Colour: RAL 9016



AD36

- Flush-mounted pull L-1600 mm integrated with the panel, with matching powder coating
- Inox steel, aligned
- Colour: RAL 7016

Models with a flush-mounted, integrated pull available for profiles from 65 to 95 mm thick.







AD37

- Flush-mounted pull L-1600 mm integrated with the panel, with matching powder coating
- External millings
- Colour: RAL 9007

AD38

- Flush-mounted pull L-1600 mm integrated with the panel, with matching powder coating
- Colour: RAL 9007

Models with a flush-mounted, integrated pull available for profiles from 65 to 95 mm thick.



AD39

- Flush-mounted pull L-1600 mm integrated with the panel, with RAL 9005 powder coating
- Colour: concrete effect



AD40

- Pull AQ 1020 1600
- Colour: concrete effect



AD41

- Pull AQ 1020 1600 with RAL 9005 powder coating
- Glazing (front): VSG 33.1 thermofloat
- Glazing (center): Satinovo
- Glazing (backside) thermofloat with warm edge spacer
- Colour: concrete effect



AD42

- Pull AQ 1020 1600
- 3D inox steel on the outside
- Colour: concrete effect

Models with a flush-mounted, integrated pull available for profiles from 65 to 95 mm thick.





AD43

- Pull AQ 1020 1600
  with RAL 9005 powder coating
- Makalu; natural stone

AD44

- Flush-mounted pull L-1600 mm
  integrated with the panel,
  with RAL 9005 powder coating
- Makalu; natural stone

The images and the colour of the stone are provided as a visual reference.
The type of stone selected, its structure and its thickness may vary slightly on account of its natural characteristics.

Models with a flush-mounted, integrated pull available for profiles from 65 to 95 mm thick.







AD45

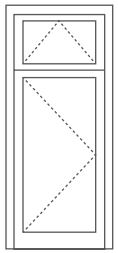
- Flush-mounted pull L-1600 mm integrated with the panel, with RAL 9005 powder coating
- Everest; natural stone

AD46

- Pull AQ 1020 1600 with RAL 9005 powder coating
- 3D inox steel on the outside
- Colour: RAL 7016
- Annapurna; natural stone

The images and the colour of the stone are provided as a visual reference.
The type of stone selected, its structure and its thickness may vary slightly on account of its natural characteristics.

Models with a flush-mounted, integrated pull available for profiles from 65 to 95 mm thick.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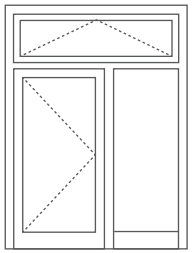
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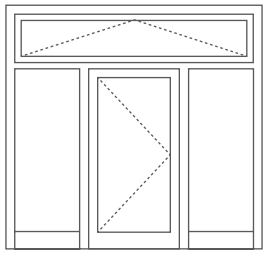
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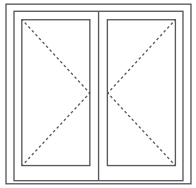
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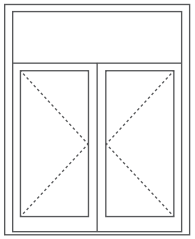
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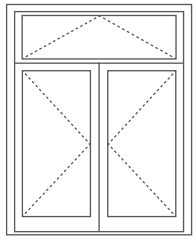
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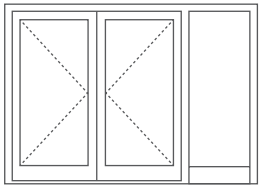
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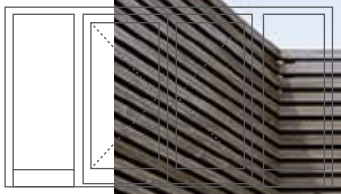
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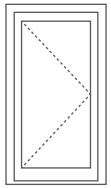
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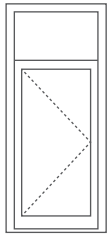
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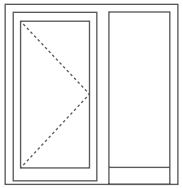
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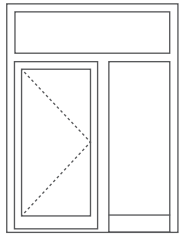
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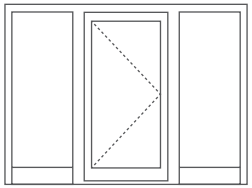
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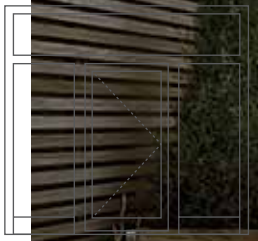
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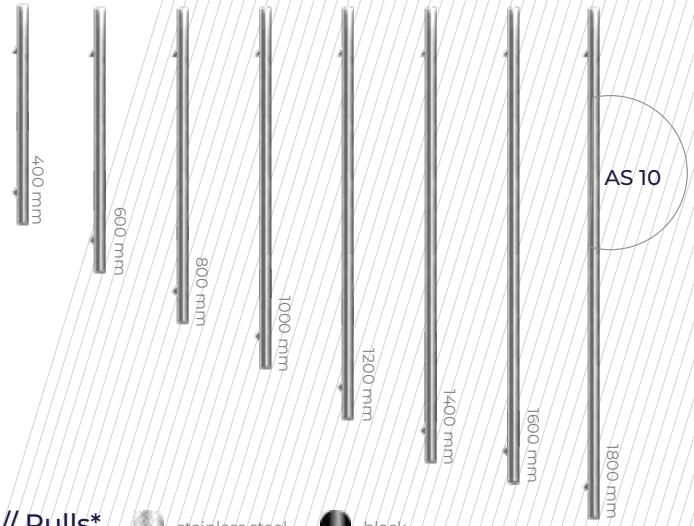
vrata puerta portière **drzwi** door vrata **puerta** portière Tür **drzwi** door

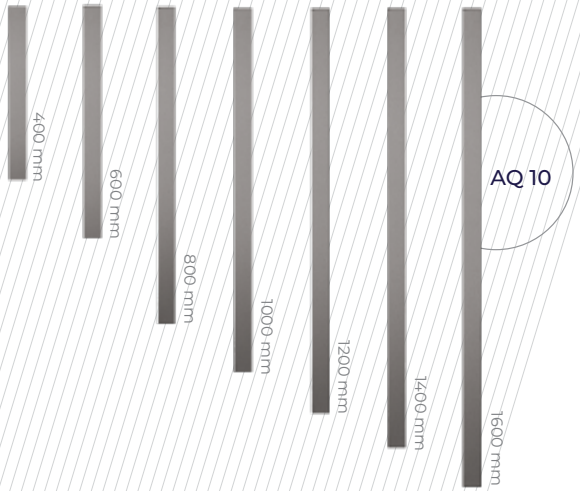
// Pulls* stainless steel black



available
dia. 30 mm
straight bracket

AS 10 400
AS 10 600
AS 10 800
AS 10 1000
AS 10 1200
AS 10 1400
AS 10 1600
AS 10 1800

// Pulls* stainless steel black

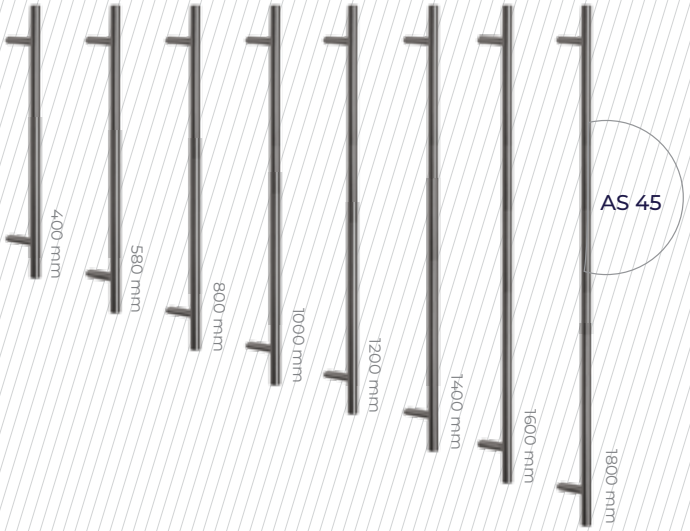


available
40 x 20, 40 x 40 mm

AQ 1020 400
AQ 1020 600
AQ 1020 800
AQ 1020 1000
AQ 1020 1200
AQ 1020 1400
AQ 1020 1600

AQ 1040 400
AQ 1040 600
AQ 1040 800
AQ 1040 1000
AQ 1040 1200
AQ 1040 1400
AQ 1040 1600

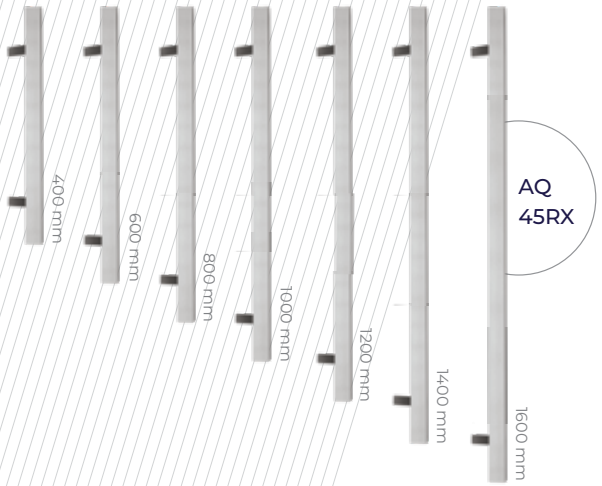
// Pulls* stainless steel black



available
dia. 30 mm
angle brace 45°

AS 45 400
AS 45 580
AS 45 800
AS 45 1000
AS 45 1200
AS 45 1400
AS 45 1600
AS 45 1800

// Pulls* stainless steel black



available
40 x 20, 40 x 40 mm

AQ 4520RX 400
AQ 4520RX 600
AQ 4520RX 800
AQ 4520RX 1000
AQ 4520RX 1200
AQ 4520RX 1400
AQ 4520RX 1600

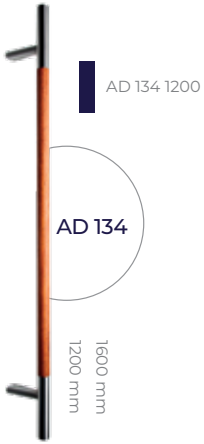
AQ 4540RX 400
AQ 4540RX 600
AQ 4540RX 800
AQ 4540RX 1000
AQ 4540RX 1200
AQ 4540RX 1400
AQ 4540RX 1600

* Mounting kit included - see the price list for details.
and large mounting kits (polyurethane adhesive, activator, primer, sponge to apply the primer + sponge sanding block) and small mounting kits (polyurethane adhesive, sponge to apply the primer + sponge sanding block).

// Pulls*

stainless steel







// Flush fitted pulls

stainless steel black



AW 10



AW 10
option for cylinder



AW 19



AW 25



AW 23



AW 72



AW 21



AW 22



AW 104

// Decorative pulls



AZ 76



AZ 77



AZ 82



AZ 29



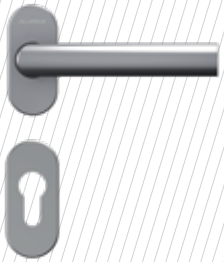
AZ 31

// Lever pull

1924216X
stainless steel, natural anode and inox, white, anthracite, black



1924218X
stainless steel, natural anode and inox, white, anthracite, black



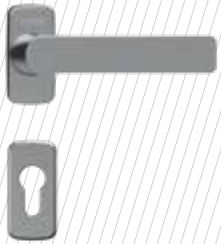
1924230X
stainless steel

8001289X
natural anode, RAL



1924113X
stainless steel

1924111X
RAL



1924113X
stainless steel

// Rosettes



AR 61421



AR 74421



AR 78421



ARS 10



ARS 20

// Scratch protection



KS100



KS200



KS300



KS400



KS400 BIOKEY

// Kickplates



EK100 kick plate, flush-mounted or applied with adhesive

// Pull with electronics



Fingerprint scanner

available with the AQ 10 and AQ 45



colour of pull: as per the RAL chart

PWZ integrated with the panel



PWZ* pull with backlighting



available with the AS 10 pull



available with the AQ 10 pull

Micro switch set into the pull*



available with the AS 10 AS 45 pull



available with the AQ 10 PQ 45 AQ AW 10 AW 21 AW 22 AW 72 pull

Touch sensor set into the pull*

***Available backlight colours:** cool white (standard) warm white

// Ornaments



Master-Point



Chinchilla



Satinata



Master-Ligne



Master-Carre

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.

Variant 1: Sandblasted glass (motif)
Variant 2: Transparent glass
Variant 3: Ornamental glass
Variant 4: Safety 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: 1400 mm

Extra ornaments (optional):
“Master-Point”
“Chinchilla”
“Satinata”
“Master-Ligne”
“Master-Carre”
“Mirrastar” (mirror effect)
“Antisol” (semi-transparent mirror effect)

// Wood effect / Concrete effect


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.