



 FRONT ENTRY DOORS / **AD** Series



Comfort is just a step away

High-Performance Front Entry Doors for Residential and Commercial Applications

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. AluDoor+ offers panelled door systems with a UD value of just 0.44 W/(m²K), supporting superior thermal performance in compliance with modern energy-efficiency standards.

Water resistance is another critical factor, particularly in areas exposed to harsh weather. Doors are rated from 3A to 9A, with higher ratings offering better protection. AluDoor+ panelled doors are rated at 7A, ensuring strong resistance to driving rain and wind-driven moisture.

The doors are built using advanced infill panel systems compatible with MB-70, MB-79N, MB-86, and MB-104 Passive profiles. These systems allow for excellent structural performance while offering flexibility in design. Doors are available in a wide range of finishes, including RAL colours, woodgrain veneers, and decorative inlays. Options for milled surfaces, insulated glazing, and textured structures are also available, enabling custom solutions for diverse architectural styles.

AluDoor+ doors support large-format fabrication, with dimensions up to 1.40 m in width and nearly 2.60 m in height, ideal for creating visually striking, oversized entrances that meet modern design expectations.

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 **0.44** W/m²K

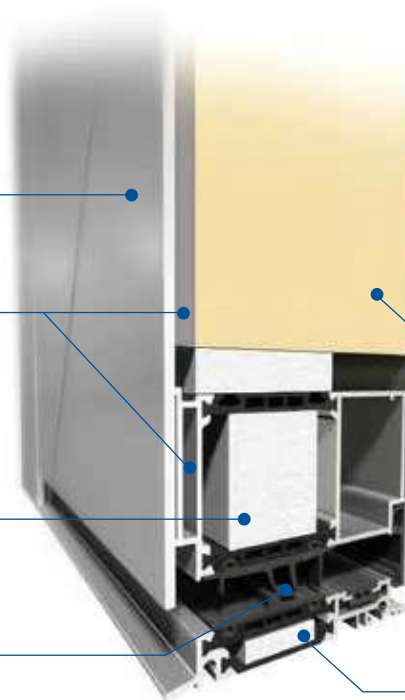
AluDoor+ panel doors uses thermally insulated aluminium profile system – MB-104 Passive is the most technologically advanced door system offered by AluDoor+. The leaf profile can be combined with special infills, aligned with the surface of the frame. The system is dedicated to passive and energy-efficient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

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



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),
Wind load resistance	EN 12208 Class C4/B4, EN 12210
Thermal insulation	UD from 0.44 W/m ² K
Burglary-resistance	RC2

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

AluDoor+ 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	UD from 0.63 W/m ² K
Burglary-resistance	RC2

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

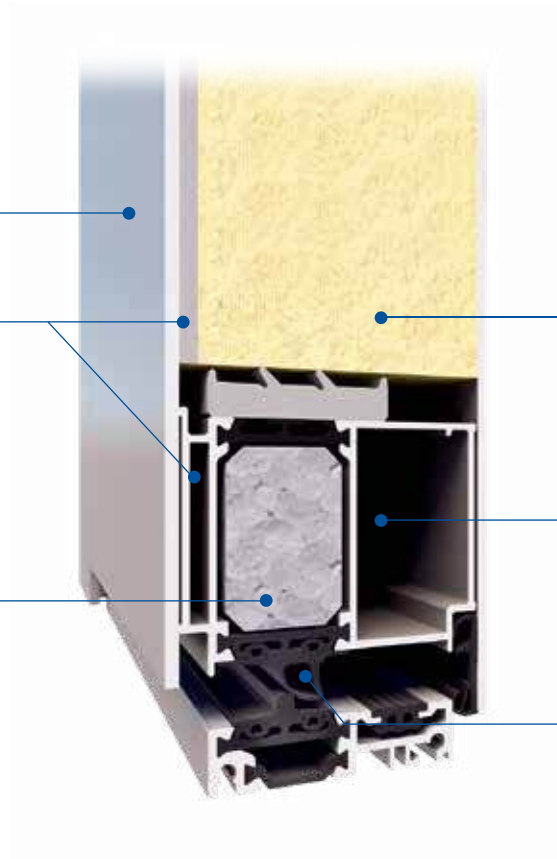
Expansion profiles and door leaf panels

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

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
Leaf depth	70 mm
Infill panel thickness	44 -70 mm
Maximum dimensions of the leaf	(HxL) 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	UD from 0.7 W/m ² K
Burglary-resistance	RC2

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

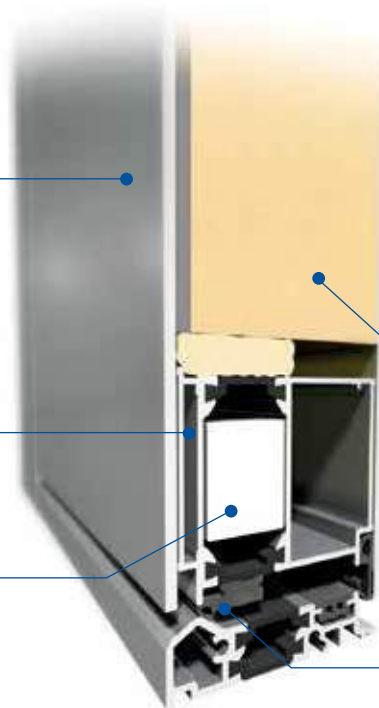
U_D from 0.9 W/m²K

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 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

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

**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	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

XPS extruded polystyrene with enhanced thermal insulation

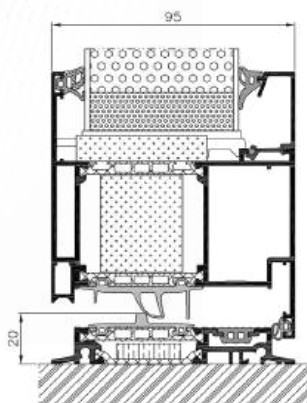
Specially designed weather strips provide high water tightness and low air permeability, bringing both a comfort and a potential for cost savings

BASIC



Insert panels

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

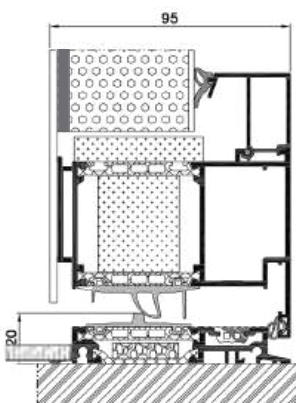


CLASSIC



Aligned on one side

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

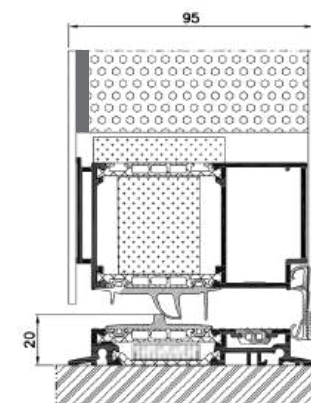


EXCLUSIVE



Aligned on both sides

- Triple glazing units, Ug coefficient of Ug 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 UD from 0.9 W/m²K, for MB-79N doors UD from 0.7 W/m²K, for MB-86N doors UD from 0.64 W/m²K and for MB-104 doors UD 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

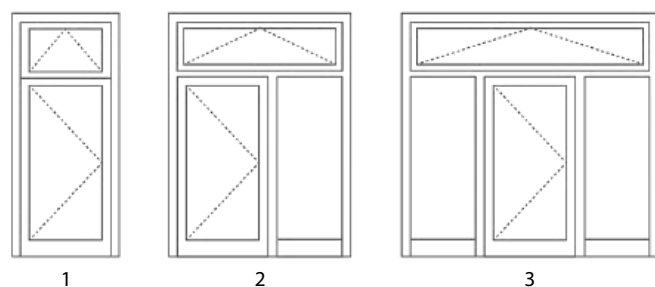


AD46

- 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.

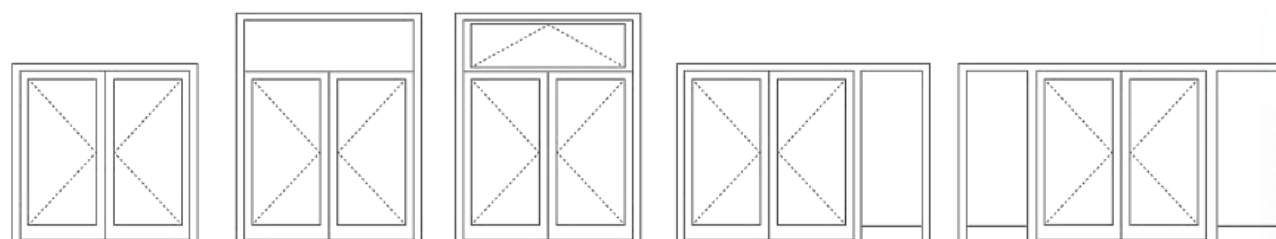
Models with a flush-mounted, integrated pull available for profiles from 65 to 95 mm thick.



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3



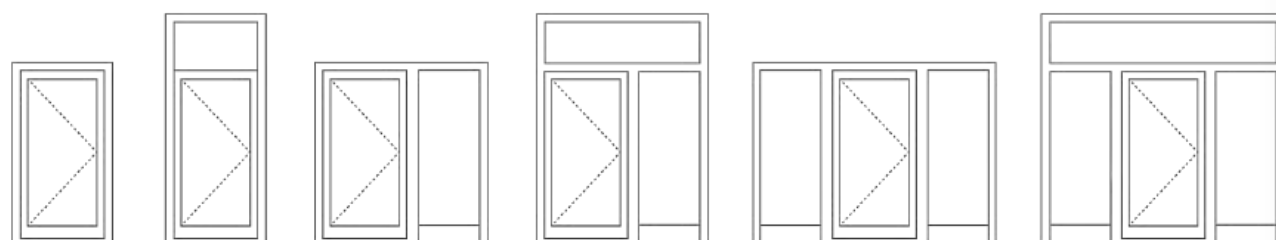
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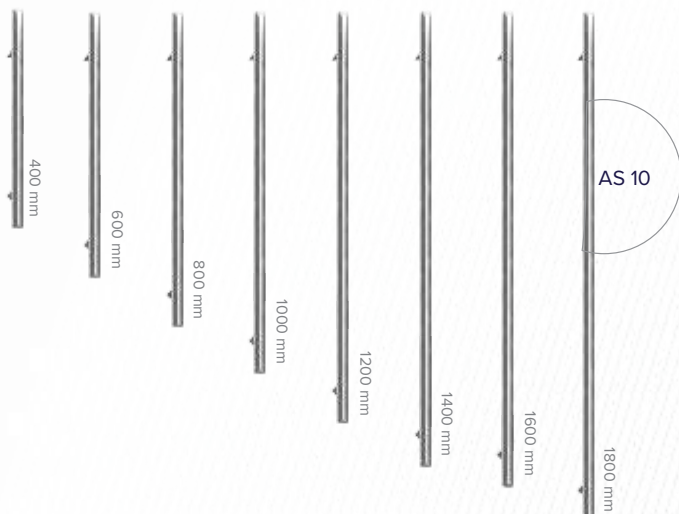
// Pulls*



stainless steel



black



AS 10

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

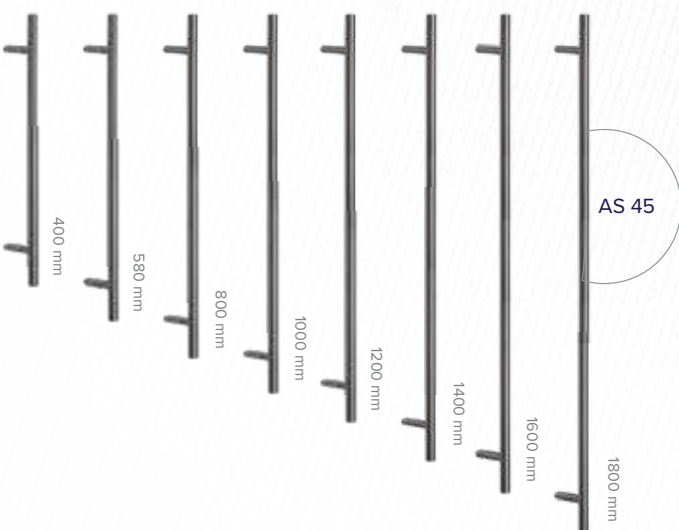
// Pulls*



stainless steel



black



AS 45

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

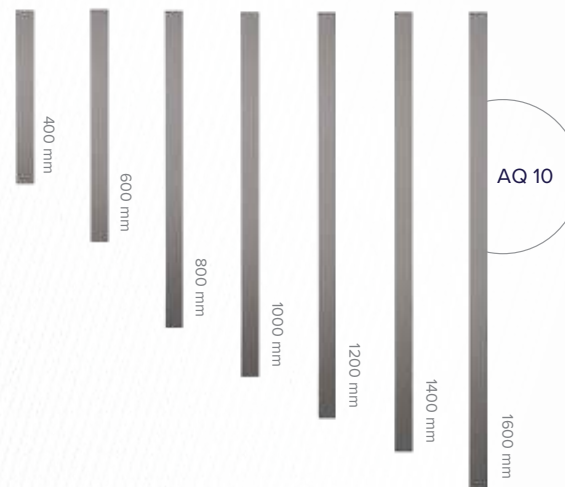
// Pulls*



stainless steel



black



AQ 10

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

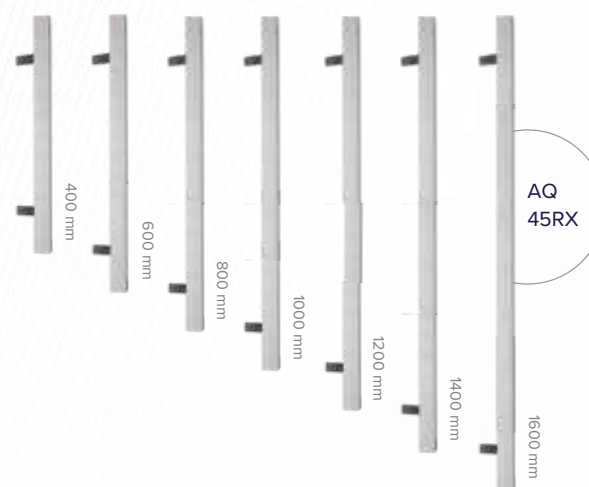
// Pulls*



stainless steel



black



AQ 45RX

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

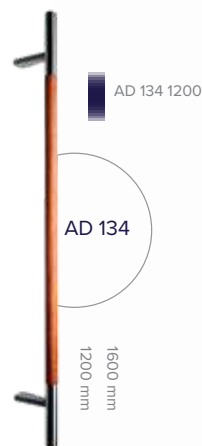
AQ 4540RX 400
AQ 4540RX 600
AQ 4540RX 800
AQ 4540RX 1000
AQ 4540RX 1200
AQ 4540RX 1400
AQ 4540RX 1600

* 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



PWZ integrated with the panel

colour of
pull: as
per the
RAL chart



PWZ* pull with backlighting



available
with the
AS 10 pull

Micro switch set into the pull*



available
with the
AQ 10 pull



available
with the
AS 10 AS
45 pull

Touch sensor set into the pull*



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

*Available backlight colours:



cool white (standard)



warm white

// Ornaments



Master-Point



Chinchilla



Satinata



Master-Ligne



Master-Carre

AluDoor+ offer 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



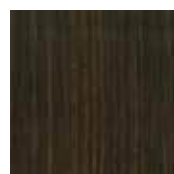
Rustic Oak
ADEC D210



Swamp Oak
ADEC D502



Vintage Oak
ADEC D825



Ebony ADEC
M102



Palisander
ADEC M332



Walnut
ADEC O102



Walnut Vein
ADEC O205



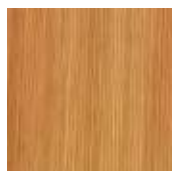
Dark walnut
ADEC O306



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.



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