



LET'S BUILD A BETTER FUTURE

 FRONT ENTRY DOORS / **AG** 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-79N, MB-86N & MB-104 Passive system, and come in a variety of colours and structures. The elements can be milled, decorated with inlays 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.

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

Joint membrane

Expansion profiles

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

XPS extruded polystyrene with enhanced thermal insulation

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

Technical details:

Frame depth	95 mm
Leaf depth	95 mm
Infill panel thickness	44 - 95 mm
Maximum dimensions of the leaf	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

MB-86N

U_D from 0.63 W/m²K

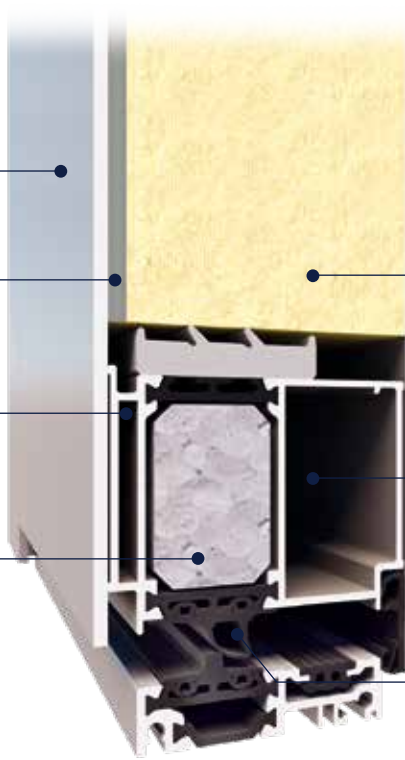
Aluprof's panel doors use thermally insulated aluminium profile system – MB-86N which, just like the MB-104 Passive system, is dedicated to energy-efficient and passive building. The leaf profile can be combined with special infills, aligned with the surface of the frame.

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

Joint membrane

Expansion profiles

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



XPS extruded polystyrene with enhanced thermal insulation

Rigid and durable aluminium profiles permit the fabrication of largedimensioned doors

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

Technical details:	
Frame depth	77 mm
Leaf depth	77 mm
Infill panel thickness	44 - 77 mm
Maximum dimensions of the leaf	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 0.63 W/m²K
Burglary-resistance	RC2

MB-79N

U_D from 0.7 W/m²K

The structure of panel doors is based on the popular thermally broken aluminium sections MB-79N ST, MB-79N SI and MB-79N SI+. 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 may different patterns and RAL colours and wood effect finishes

Joint membrane

Expansion profiles

Three design variants: MB-79N ST, MB-79N SI and MB-79N SI+, 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

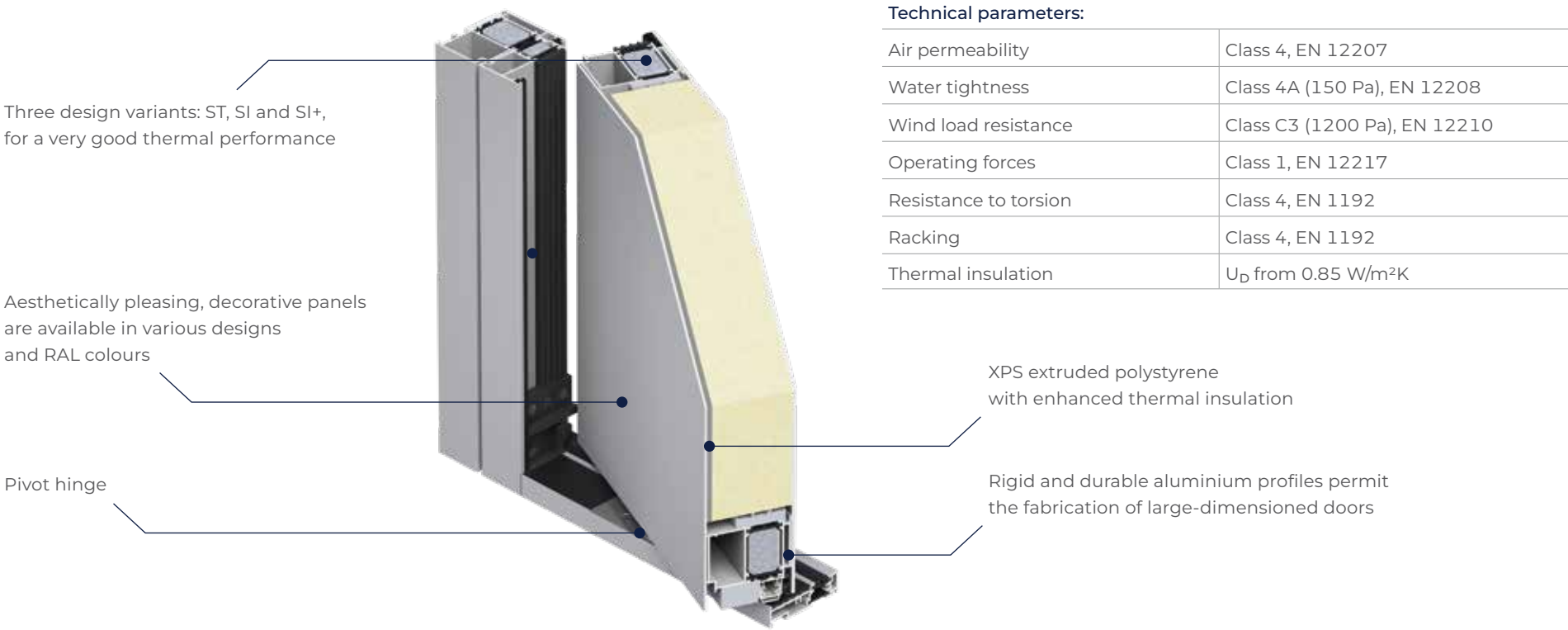
Technical details:	
Frame depth	70 mm
Leaf depth	70 mm
Infill panel thickness	44 -70 mm
Maximum dimensions of the leaf	L up to 1400 mm, H up to 2600 mm

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

MB-86N PIVOT DOOR – Front entry door with an off-centre rotation axis

U_D from **0.85** W/m²K

Apart from the basic single-swing version, the front entry door can also be made with an off-centre rotation axis using the MB-86N PIVOT DOOR system.



Technical details:

Frame depth	77 mm
Leaf depth	77 mm
Infill panel thickness	77 mm
Maximum dimensions of the leaf	L up to 1400 mm, H up to 2600 mm
Maximum leaf weight	500 kg

Technical parameters:

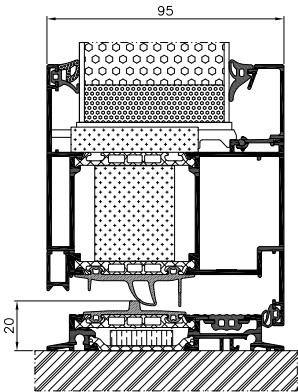
Air permeability	Class 4, EN 12207
Water tightness	Class 4A (150 Pa), EN 12208
Wind load resistance	Class C3 (1200 Pa), EN 12210
Operating forces	Class 1, EN 12217
Resistance to torsion	Class 4, EN 1192
Racking	Class 4, EN 1192
Thermal insulation	U _D from 0.85 W/m²K

BASIC



Insert panels

- Triple glazing units, U_g coefficient of U_g 0.5 W/m²K or of 0.7 W/m²K
- 44 and 52 mm thick panels
- Thermal transmittance for MB-79N doors U_D from 1.0 W/m²K, for MB-86 doors U_D from 0.8 W/m²K, and for MB-104 doors U_D from 0.63 W/m²K
- Product variants: ST, HI, SI, SI+ and Aero

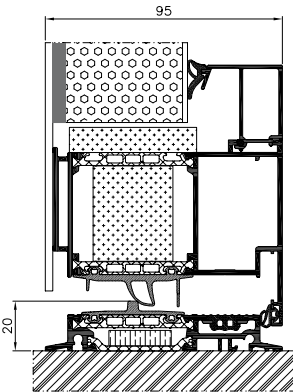


CLASSIC



Aligned on one side

- Triple and quadruple glazing units, U_g coefficient of U_g 0.5 W/m²K or of 0.7 W/m²K
- 44 and 65 mm thick panels
- Thermal transmittance for MB-79N doors U_D from 0.9 W/m²K, for MB-86 doors U_D from 0.64 W/m²K, and for MB-104 doors U_D from 0.48 W/m²K
- Product variants: ST, HI, SI, SI+ and Aero

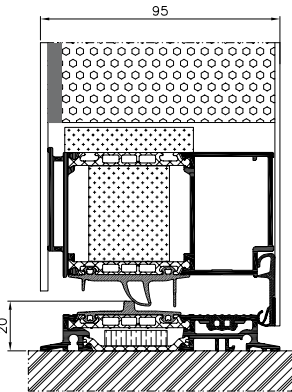


EXCLUSIVE



Aligned on both sides

- Quadruple glazing units, U_g coefficient of U_g 0.5 W/m²K or of 0.7 W/m²K
- 70 mm (MB-79N), 77 mm (MB-86N) and 95 mm (MB-104 Passive)
- Thermal transmittance for MB-79N doors U_D from 0.7 W/m²K, for MB-86 doors U_D from 0.63 W/m²K, and for MB-104 doors U_D from 0.44 W/m²K
- Product variants: ST, HI, SI, SI+ and Aero



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



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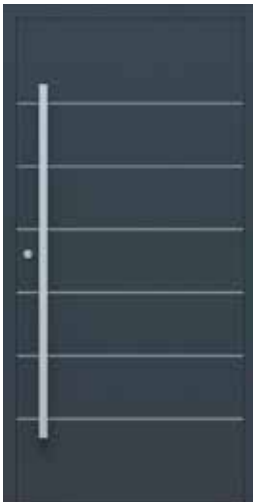
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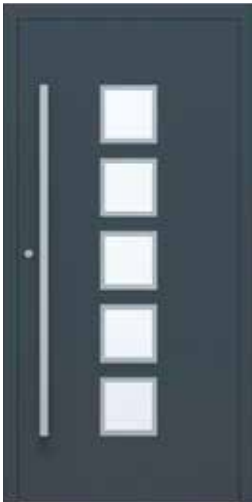
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AG01

- AQ 10 1600 door pull handle made of high-grade steel
- Glazing (front): VSG 33.1
- Glazing (center): sandblasted glass
- Inlay: flush inox inlay
- Colour: RAL 7016



AG01B

- AS 10 1400 door pull handle made of high-grade steel
- Glazing (front): VSG 33.1
- Glazing (center): sandblasted glass
- Inlay: milled
- Colour: RAL 9007



AG02

- AQ 10 1200 door pull handle made of high-grade steel
- Glazing (front): VSG 33.1
- Glazing (center): sandblasted glass with transparent strips
- Inlay: flush inox inlay
- Colour: RAL 7016



AG02B

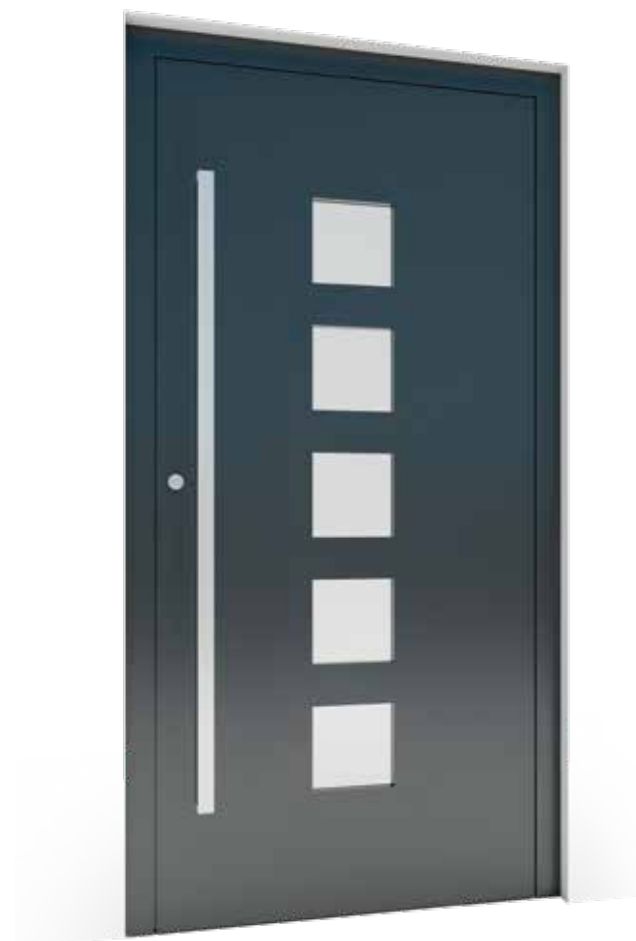
- AS 10 1200 door pull handle made of high-grade steel
- Glazing (front): VSG 33.1
- Glazing (center): sandblasted glass with transparent strips
- Inlay: milled
- Colour: RAL 9007





AG03

- AQ 10 1600 door pull handle made of high-grade steel
- Glazing (front): VSG 33.1
- Glazing (center): sandblasted glass
- Inlay: flush inox inlay
- Colour: RAL 7016



AG03B

- AQ 10 1600 door pull handle made of high-grade steel
- Glazing (front): VSG 33.1
- Glazing (center): sandblasted glass
- Inlay: milled
- Colour: RAL DB703



AG04

- AQ 10 1200 door pull handle made of high-grade steel
- Glazing (front): VSG 33.1
- Glazing (center): sandblasted glass with transparent strips
- Inlay: flush inox inlay
- Colour: RAL 7016



AG04B

- AS 10 1200 door pull handle made of high-grade steel
- Glazing (front): VSG 33.1
- Glazing (center): sandblasted glass with transparent strips
- Inlay: milled
- Colour: RAL 9007





AG05

- AQ 10 1600 door pull handle made of high-grade steel
- Inlay: flush inox inlay
- Colour: RAL 7016



AG05B

- AW 10 door pull handle made of high-grade steel
- Inlay: milled
- Colour: RAL 9007



AG06

- AS 10 800 door pull handle made of highgrade steel
- Glazing (front): VSG 33.1
- Glazing (center): sandblasted glass with transparent strips
- Colour: RAL 7001



AG07

- Door pull handle, high-grade steel: AQ 10 1000, RAL 9005
- Inlay: milled
- Colour: ADEC W645 Winchester





AG08

- AQ 10 1600 door pull handle made of high-grade steel
- Inlay: flush inox inlay
- Colour: RAL 3004



AG08B

- AS 10D 1600 door pull handle made of high-grade steel
- Inlay: milled
- Colour: RAL 9007



AG09

- AQ 10 1600 door pull handle made of high-grade steel
- Colour: RAL 9006



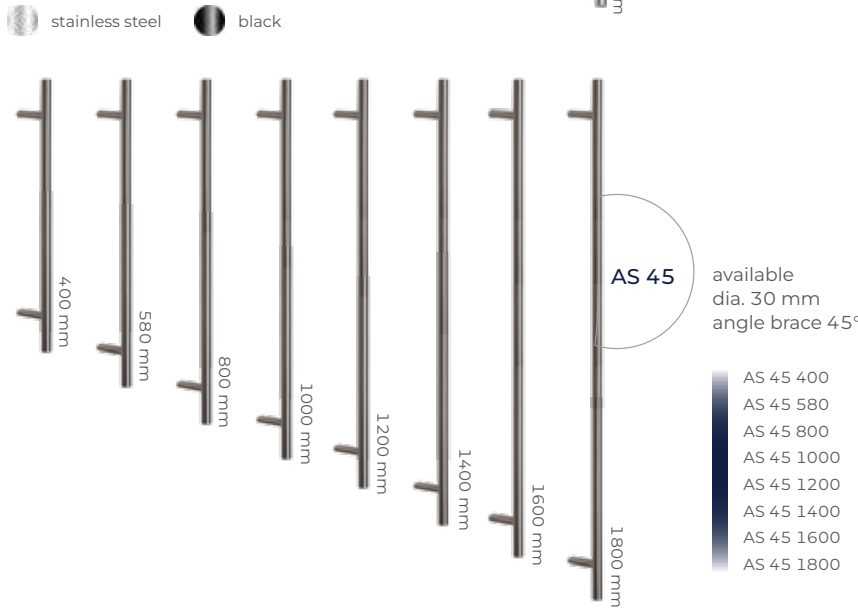
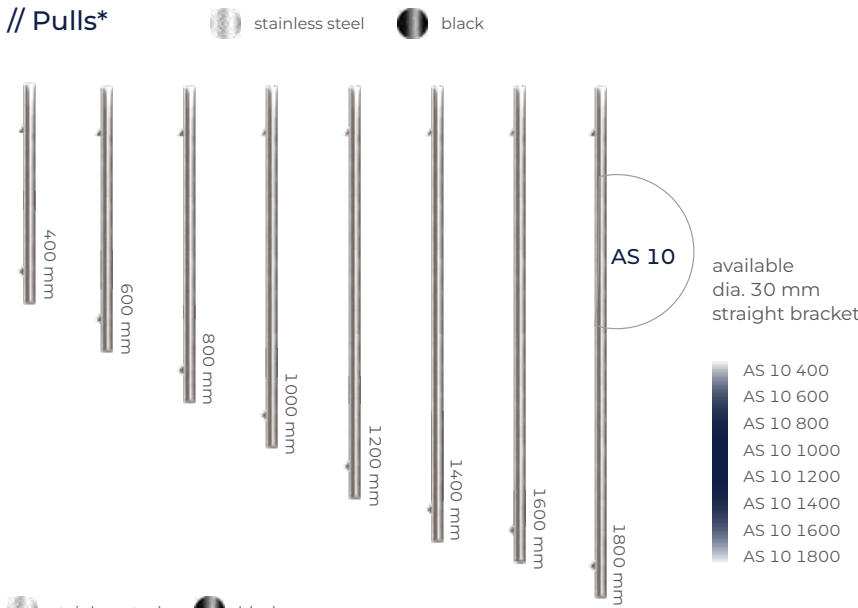
AG10

- 1600 flush pull handle in RAL colour of your choice
- Colour: RAL 7016



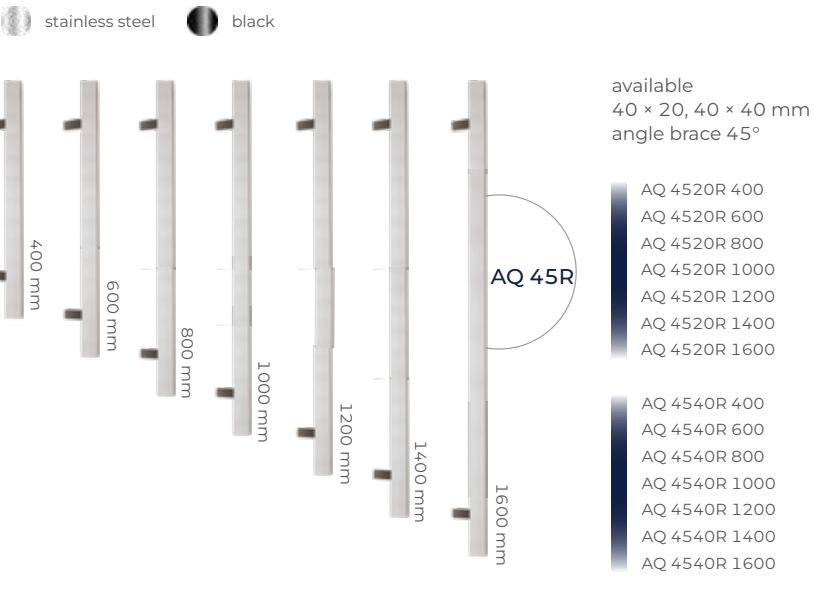
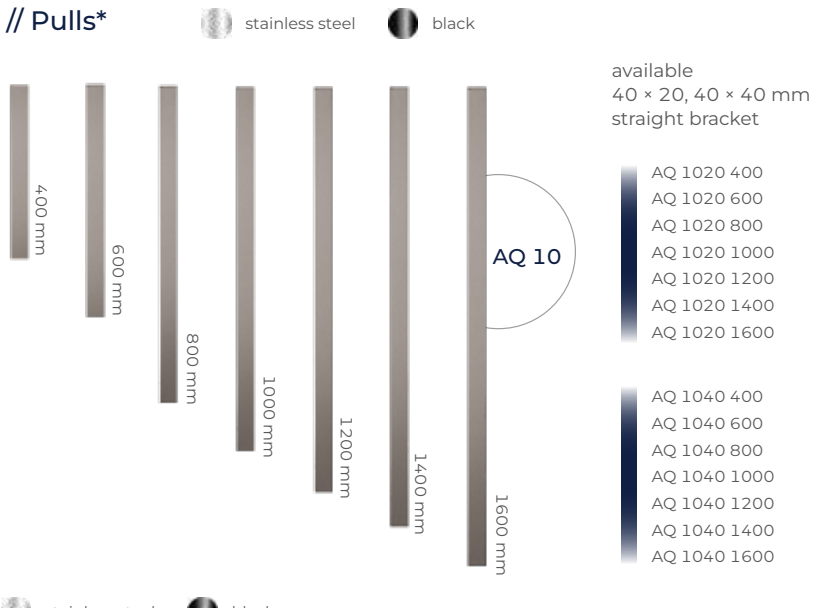


// Pulls*



* Mounting kit included - see the price list for details.

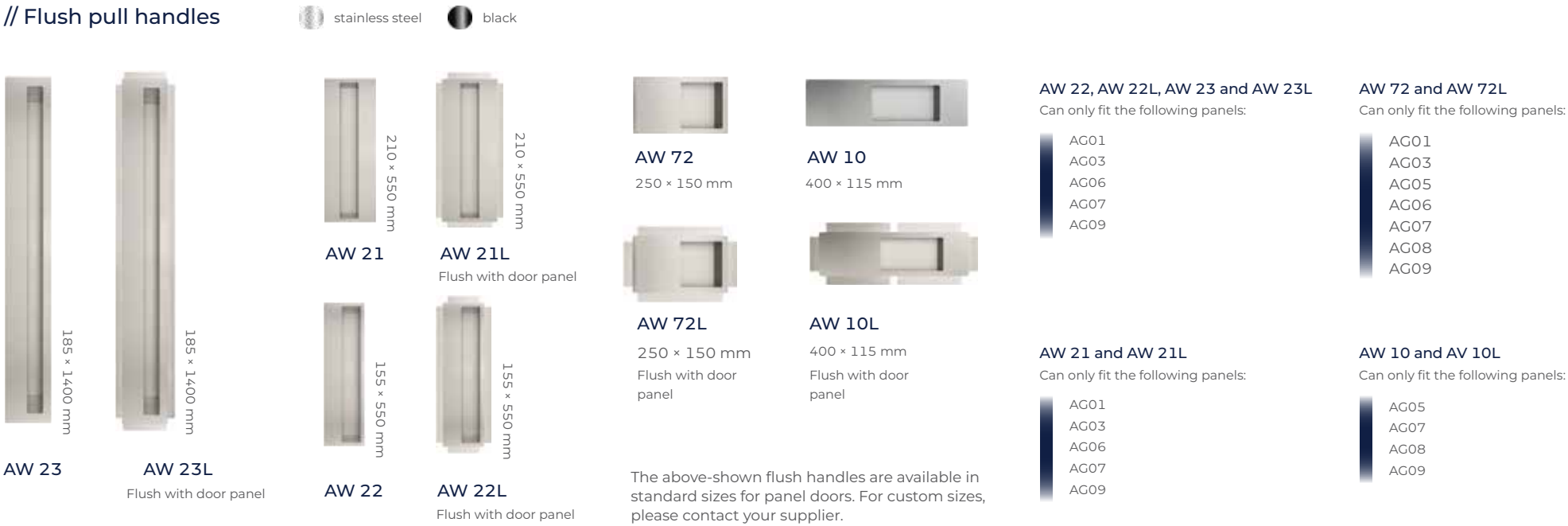
// Pulls*



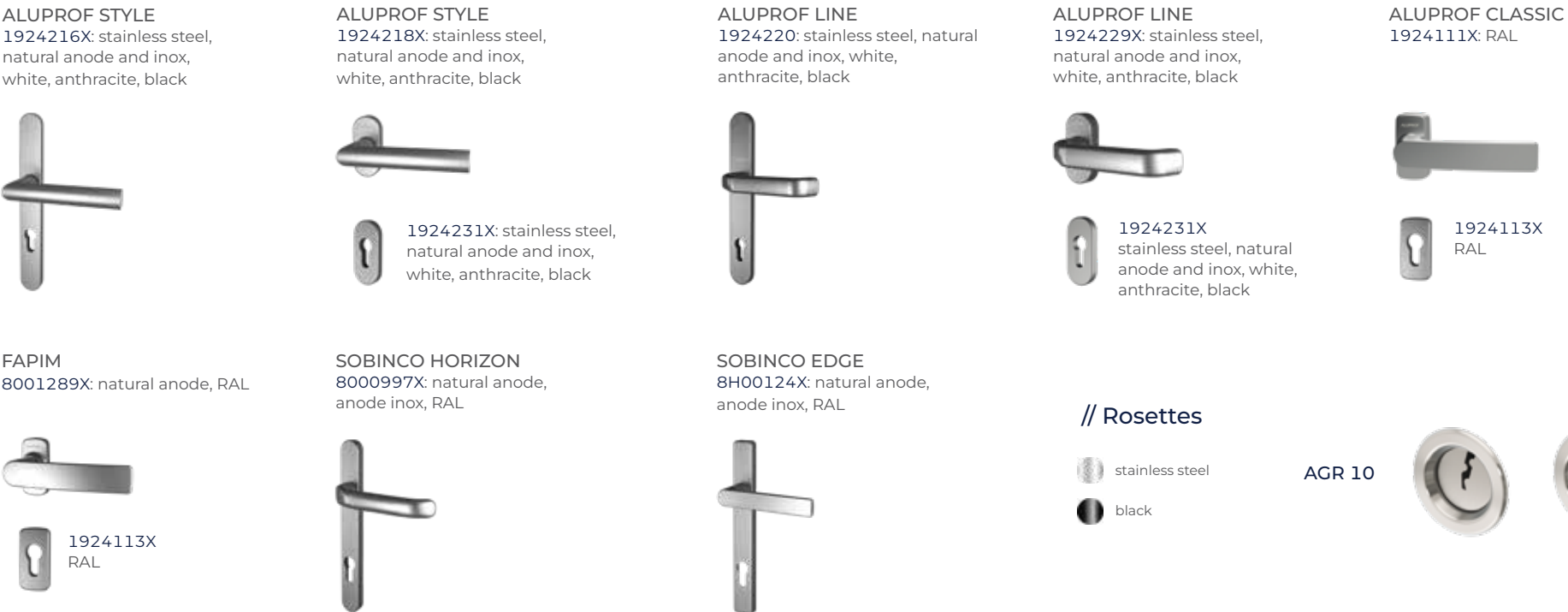
// Pulls*



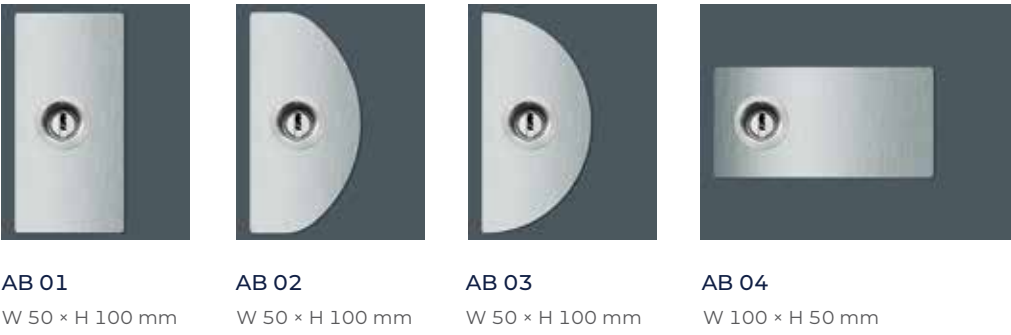
// Flush pull handles



// Lever pull



// Scratch protection



// Rosettes



// Kickplates



// Ornaments



Master-Point



Satinato



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

Ornaments (optional):

“Master-Point”

“Satinato”

“Master-Ligne”

“Master-Carre”

Other ornamental glass available on request.
For details, contact our sales representatives.

// Wood effect / Concrete effect

Beech
ADEC B108Dark Gean
ADEC C106Gean
ADEC C146Gean
ADEC C247Golden Oak
ADEC D101Rustic Oak
ADEC D246Golden Oak
ADEC D349Swamp Oak
ADEC D502Vintage Oak
ADEC D825Concrete
ADEC E137Fir
ADEC J107Chestnut
ADEC K101Ebony
ADEC M102Mahogany
ADEC M103Sapele Mahogany
ADEC M204Palisander
ADEC M332Walnut
ADEC O102Vein Walnut
ADEC O205Walnut
ADEC O650Turner Oak
ADEC T151Cherry
ADEC W109Wenge
ADEC W205Winchester
ADEC W645

// RAL & structural colours*



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



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ALUMINIUM SYSTEMS

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