# ARROW DOORS WINDOW & TERRACE SYSTEMS



## DEAR CUSTOMER

Thank you for choosing us. At Arrow Doors, we believe in the power of customization and the value it brings to each unique project. Your satisfaction is our priority, and we are dedicated to delivering products that exceed your expectations.

We are proud to be one of the few brands which offer tailor-made products. We design every window taking into account the most sophisticated expectations so that you can enjoy a reliable product for decades.

We appreciate your trust in our craftsmanship and look forward to serving you with reliable products you can enjoy for decades.

Arrow Doors Team



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- Double-chamber glazing package  $Ug = 0.5 W/(m^2K)$ .
- Swisspacer Ultimate plastic warm frame.
- V-perfect weld.
- 4 anti-theft strikers according to the size of the sash and the hardware system.
- Microventilation.
- DUBLIN aluminium window handle.
- Handle misplacement locking mechanism.
- Perimeter, glazing and central gaskets in black or grey.
- Filling of the lower hardware groove.
- Sill trim.
- Wide selection of pvc veneer colours.
- 3 profile colours to choose from: white, brown or anthracite.
- V-Perfect Welding.





#### Standard:

- Scissor hinges (invisible when the window is closed), double roller DM20 bolt for full (airtight) locking or locking with trickle ventilation.
- Anti-theft protection.
- Hinge covers available in 4 colors: white, silver, light brown and brown.
- Aluminium handle.
- 2-glazed (1-chamber) units infilled with argon gas with Ug = 1.1 W/(m<sup>2</sup>k).
- Glass-pane spacer made of galvanised steel.
- 2 EPDM gaskets in black (both external and internal).
- Gasket filling the lower fittings groove.
- **1.5 mm** full (closed) steel frame reinforcement and specially designed steel sash reinforcement profile.
- Profile core in white.
- 5-chamber PVC under-sill trim with gasket.

Opening Direction Outwards



- Concealed MACO Multi-Power fittings in the window (invisible hinges when the window is closed), door fittings on balcony windows.
- Aluminium handle with double-sided insert.
- 2-glazed (1-chamber) units infilled with argon gas with Ug = 1.1 W/(m $^{2}$ k).
- Glass-pane spacer made of galvanised steel.
- 2 EPDM gaskets in black (both external and internal).
- Gasket filling the lower fittings groove.
- **1.5 mm** full (closed) steel frame reinforcement in the "c" shape.
- Profile core in white.
- 5-chamber PVC under-sill trim with gasket.





- MACO MULTI-MATIC KS fittings, featuring 2 anti-theft strikers with a sleek Silber-Look finish glass-pane spacer made of
- galvanized steel for enhanced durability.
- Sash lifter (lifting mishandling device- depending on the window height.
- Microventilation in tilt and turn windows.
- Hinge covers available in 4 colors: white, silver, light brown and brown.
- Aluminium handle.
- 3-glazed (2-chamber) units infilled with argon gas with Ug = 0.5 W/(m<sup>2</sup>k).
- Glass-pane spacer made of galvanised steel.
- 2 EPDM gaskets in black (both external and internal) + 1 central gasket made of foamed EPDM.
- Gasket filling the lower fittings groove.
- 2 mm full (closed) steel reinforcement for frame, "c" shaped steel sash reinforcement.
- Profile core in white.
- 5-chamber PVC under-sill trim with gasket.





- MACO MULTI-MATIC KS fittings, featuring 4 anti-theft strikers with a sleek Silber-Look anti-corrosion coating for long-lasting protection and smooth operation of the fitting.
- Sash lifter (lifting mishandling device- depending on the window height.
- Microventilation in tilt and turn windows.
- Hinge covers available in 4 colors: white, silver, light brown and brown.
- Dublin window handle.
- 3-glazed (2-chamber) units infilled with argon gas with Ug = 0.5 W/(m<sup>2</sup>k).
- Swisspacer ultimate edge.
- Rectangular glazing bead.
- 2 EPDM gaskets (external and internal) + 1 central gasket made of foamed EPDM, gasket available in black.
- Gasket filling the lower fittings groove.
- 2 mm full (closed) steel reinforcement steel frame reinforcement "c" shaped steel reinforcement.
- RALL matt varnish.
- 5-chamber PVC under-sill trim with gasket.



The profile has a 5-chamber construction with an installation depth of 70 mm. It features steel reinforcement of the sash and frame. The window is fitted with a double EPDM gasket: external and internal.



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- galvanized steel for enhanced durability.
- Sash lifter (lifting mishandling device- depending on the window height.
- Microventilation in tilt and turn windows.
- Hinge covers available in 4 colors: white, silver, light brown and brown.
- Aluminium handle.
- 2-glazed (1-chamber) units infilled with argon gas with Ug = 1.1 W/(m<sup>2</sup>k).
- Glass-pane spacer made of galvanised steel.
- 2 EPDM gaskets in black (both external and internal).
- Gasket filling the lower fittings groove.
- 1.5 mm steel reinforcement for frame and sash (2 mm for balcony door sash) in the "c" shaped.
- Profile core in white.
- 5-chamber PVC under-sill trim with gasket.



5-Chamber A-Class Profile with a 2.76-inch (70 mm) installation depth. Made exclusively from primary material, the system incorporates an innovative steel reinforcement (35 mm x 24 mm x 2 mm) in the chamber, providing exceptional strength and stability.



- MACO MULTI-MATIC KS fittings, featuring 2 anti-theft strikers with a sleek Silber-Look finish glass-pane spacer made of galvanized steel for enhanced durability.
- Sash lifter (lifting mishandling device- depending on the window height.
- Microventilation in tilt and turn windows.
- Hinge covers available in 4 colors: white, silver, light brown and brown.
- Aluminium handle.
- 2-glazed (1-chamber) units infilled with argon gas with Ug = 1.1 W/(m<sup>2</sup>k).
- Glass-pane spacer made of galvanised steel.
- 2 EPDM gaskets in black (both external and internal).
- Gasket filling the lower fittings groove.
- 1.5 mm steel reinforcement for frame and sash (2 mm for balcony door sash) in the "c" shaped.
- Profile core in white.
- 5-chamber PVC under-sill trim with gasket.
- V-Perfect Welding



#### **IGLO HS**



#### Standard:

- G–U lift and slide fittings with 3 locking bolts.
- Micro-ventilation striker.
- Aluminium handle on the inside, recessed grip on the outside.
- Glass-pane spacer made of galvanised steel.
- Internal velour gasket, external EPDM and brush gasket in black.
- Frame reinforcement made of high quality aluminium sections with thermal breasks, sash reinforcement: top and vertical full (closed) steel, 2mm thick. Bottom- steel, channel-shaped, 3 mm thick.
- Profile core in white.
- Non-flush sash profile.
- System carts with a load capacity of 300 kg.
- PVC low threshold with aluminium reinforcement and overlay.

#### **IGLO HS ALUCOVER**



- G–U lift and slide fittings with 3 locking bolts.
- Micro-ventilation striker.
- Aluminium handle on the inside, recessed grip on the outside.
- Glass-pane spacer made of galvanised steel.
- Internal velour gasket, external EPDM and brush gasket in black.
- Frame reinforcement made of high quality aluminium sections with thermal breasks, sash reinforcement: top and vertical full (closed) steel, 2mm thick. Bottom- steel, channel-shaped, 3 mm thick.
- Profile core in white.
- Non-flush sash profile.
- System carts with a load capacity of 300 kg.
- PVC low threshold with aluminium reinforcement and overlay.



#### **IGLO SLIDE**



#### Standard:

- Siegenia System fittings equipped with height-adjustable carts.
- Aluminium handle.
- 24 mm glazing package, 2-glazed (1-chamber) filled with argon gas, with Ug =  $1.1 \text{ W/(m}^2\text{k})$ .
- Galvanised steel spacer.
- Comes with the V-perfect welding (also known as thin welding).
- Brush sealing.
- Black gaskets.
- 2 mm steel reinforcement for frame and sash.

#### IGLO EDGE SLIDE



- 7-Chamber System with an installation depth of 82 mm.
- Siegenia System fittings equipped with height-adjustable carts.
- Aluminium handle.
- 24–58 mm glazing package.
- Comes with the V-perfect welding (also known as thin welding).
- Brush sealing.
- Black gaskets.
- 2 mm steel reinforcement for frame and sash.



#### MB-86N SI



#### Standard:

- MACO-MULTI-MATIC KS fittings with 2 anti-theft strikers with Silber-Look anticorrosion coating for long-lasting protection and smooth operation of the fitting.
- Sash lifter (lifting mishandling devicedepending on window height).
- Microventilation in tolt and turn windows.
- Hinge covers in 3 colors: white, silver, and brown.
- Aluminium handle.
- 2-glazed (1 chamber) units infilled with argon gas with Ug = 1.1 W/(m<sup>2</sup>k).
- 1 EPDM gaskets + 1 central gasket made of foamed EPDM, gaskets available in black.
- RAL matt color: white (9017), anthracite (7016).

#### MB-79N SI



- MACO-MULTI-MATIC KS fittings with 2 anti-theft strikers with Silber-Look anticorrosion coating for long-lasting protection and smooth operation of the fitting.
- Sash lifter (lifting mishandling devicedepending on window height).
- Microventilation in tolt and turn windows.
- Hinge covers in 3 colors: white, silver, and brown.
- Aluminium handle.
- 2-glazed (1 chamber) units infilled with argon gas with Ug = 1.1 W/(m<sup>2</sup>k).
- 1 EPDM gaskets + 1 central gasket made of foamed EPDM, gaskets available in black.
- RAL matt color: white (9017), anthracite (7016).



#### DUOLINE | Window System



#### Standard:

- MACO MULTI-MATIC KS fittings with 2 anti-theft strikers with Silber-look anti-corrosion coating for long-lasting protection and smooth operation of the fitting.
- Sash lifter (lifting mishandling device- depending on the window height).
- Microventilation in tilt and turn windows.
- Hinge covers in 4 colors: white, silver, light brown and brown.
- 3 gaskets.
- 2-glazed (1-chamber) units infilled with argon gas with Ug = 1.1 W/( $m^{2}k$ ).
- Glass Pane spacer made of galvanised steel.
- Drip cal facilitating water drainage.
- Aluminium handle.
- Standard color for wooden part of window, aluminium RAL matt color: white (9016), anthracite (7016).

#### **DUOLINE |** Terrace System



- MACO MULTI-MATIC KS fittings with 2 anti-theft strikers with Silber-look anti-corrosion coating for long-lasting protection and smooth operation of the fitting.
- Sash lifter (lifting mishandling device- depending on the window height).
- Microventilation in tilt and turn windows.
- Hinge covers in 4 colors: white, silver, light brown and brown.
- 3 gaskets.
- 2-glazed (1-chamber) units infilled with argon gas with Ug = 1.1 W/(m<sup>2</sup>k).
- Glass Pane spacer made of galvanised steel.
- Drip cal facilitating water drainage.
- Aluminium handle.
- Standard color for wooden part of window, aluminium RAL matt color: white (9016), anthracite (7016).



#### MB-77HS HI



#### Standard:

- G–U lift and slide fittings with 3 locking bolts.
- Micro-ventilation striker.
- Aluminium handle on the inside, recessed grip on the outside.
- 2-glazed (1-chamber) units infilled with argon gas, with Ug = 0.5 W(m<sup>2</sup>k).
- Glass-pane spacer made of galvanised steel.
- 2 EPDM gaskets in black (external and internal).
- System carts with a load capacity of 300 kg.
- 48 mm high threshold.
- RAL matt color: white (9016), anthracite (7016).

#### **MB-77HS HI MONORAIL**



- G-U lift and slide fittings with 3 locking bolts.
- Micro-ventilation striker.
- Aluminium handle on the inside, recessed grip on the outside.
- 2-glazed (1-chamber) units infilled with argon gas, with Ug = 0.5 W(m<sup>2</sup>k).
- Glass-pane spacer made of galvanised steel.
- 2 EPDM gaskets in black (external and internal).
- System carts with a load capacity of 300 kg.
- 48 mm high threshold.
- RAL matt color: white (9016), anthracite (7016).



**MB-SLIDE** 



- System fittings.
- Designed to construct thermally insulated sliding doors and windows.
- May be built into brick walls, aluminium facades, winter gardens, or casement elemnts.
- Maximum dimensions of leaves: H: 2500 mm,
   L: 1800 mm, max weight: 160 kg.

#### **MB-86 FOLD LINE**



- System fittings.
- Hinge covers in 3 colors: white, silver and black.
- Aluminium handle.
- 2-glazed (1-chamber) units infilled with argon gas with Ug = 1.1 W(m<sup>2</sup>k).
- 2 EPDM gaskets (external and internal), gaskets available in black.
- RAL matt color: white (9016), anthracite (7016).
- The system is equipped with a thermal break made of glass fiber reinforced polyamide.

### **ALUMINIUM COLORS**

#### COLOR PALETTE | RAL and Aluprof Color Collection



#### **ILLUSTRATIVE SMOOTH MATT PAINTS**



#### PEARL COLORS

1035 | 1036 | 2013 | 3032 | 3033 | 4011 | 4012 | 5025 | 5026 | 6035 | 6036 | 7048 | 8029 | 9022 | 9023 possible to make with an extra charge.

#### ILLUSTRATIVE METALLIC PAINTS WITH STRUCTURE



#### UNAVAILABLE RAL COLORS

1035 | 1036 | 2013 | 3032 | 3033 | 4011 | 4012 | 5025 | 5026 | 6035 | 6036 | 7048 | 8029 | 9022 | 9023 | 1026 | 2005 | 2007 | 3024 | 3026 | 6038.

### **PVC COLORS**





### **GLASS PANES**

We offer many types of glass panes that are characterised by the highest quality of workmanship. Choose panes for your windows that will meet your expectations and give your interior unique character.



LAMINATED GLASS

MATTE



STRIPPED SANDLASTED GLASS



CHINCHILLA ORNAMENT



RAIN ORNAMENT



REFLECT BROWN 6 MM



DELTA ORNAMENT



ANTISOL GREEN



REFLECT BLUE 6 MM



SILVIT ORNAMENT



ANTISOL BROWN

FLOAT 4, 6, 8, 10 M



CATHEDRAL ORNAMENT



ANTISOL GREY



MASTER CARRE

ORNAMENT

ANTISOL BLUE

MIRASTAR

#### MUTIN BARS

Create an elegant and unique look for your windows, these mutin bars can be used on all of our windows.

#### **PVC Glued on Mutin Bars**



Glued on muntin bar in widths of 27 mm, 45 mm or 65 mm.

Available in our colour palette.

#### Internal Aluminium Mutin Bars



Internal muntin bars in widths of 8 mm, 18 mm, 26 mm or 45 mm. Available colours: white, gold, silver, golden oak, dark oak, mahogany, nut, macore, winchester, and RAL 8022.

### **FITTINGS**



STANDARD HINGES



**CONCEALED HINGES** Invisible when window is closed.



HINGE COVERS



**COMFORT FITTINGS** Handle in the bottom part of the window sash.



FRICTION BRAKE Protects against spontaneous opening or closing of window and door sashes.



GRADUAL TILT MECHANISM Allows the window to be tilted in 5 positions.



TRANSOM WINDOW LOCK

Allows the transom window to be opened or closed mechanically in places that are difficult to access.



REED SWITCH Magnetic window and door opening sensor is a part of the Smart Home access control system or alarm system.

#### **TBT (Tilt Before Turn Fittings)**

Tilt position before opening - key protection against full opening of the window.





#### **GLASS-PANE SPACERS**

The glass-pane spacers contribute to the thermal insulation of the glazed units. Drutex already offers glasspane spacer made of galvanised steels as a standard, which are characterised by very good thermal insulation, much better than aluminium spacers. The Swisspacer Ultimate plastic spacer is available as an option.





SWISSPACER ULTIMATE Available in black, brown and grey. Swiss pacer spacers have a low heat conduction coefficient and minimize heat loss from the inside to the outside in winter. A warm edge is the sealing of the edges of an insulating glass unit, in which the spacer between the panes is made of a material with a low thermal conductivity coefficient.

STANDARD



#### **PVC SYSTEMS**



Available for:

- IGLO ENERGY & IGLO ENERGY CLASSIC
- IGLO 5 & IGLO 5 CLASSIC
- IGLO EXT
- IGLO LIGHT

STANDARD PVC FRAME THRESHOLD 20 MM ALUMINIUM THRESHOLD

- Available for:
  - IGLO 5
  - IGLO 5 CLASSIC
  - IGLO LIGHT
  - IGLO EXT



WOODEN THRESHOLD

- Available for:
- IGLO 5
- IGLO 5 CLASSIC IGLO LIGHT
- IGLO EXT

#### OPTIONAL THRESHOLDS FOR IGLO ENERGY COLLECTION



COMBI 20 MM

ALUMINIUM SYSTEM



STANDARD ALUMINIUM THRESHOLD

Available for: . All aluminium systems.



COMBI PLAN 0.0 MM



STANDARD DUOLINE THRESHOLD Available for: All DUOLINE systems.



### VENTILATION

	AERECO AMO Pressure Ventilator	<ul> <li>Available in colors:</li> <li>White</li> <li>RAL: 9005, 8001, 8017, 7015</li> </ul>
	VENTAIR SIMPRESS Pressure Ventilator	<ul> <li>Available in colors:</li> <li>White</li> <li>RAL: 8003, 8017, 7016</li> </ul>
	<b>AERECO EXR</b> Acoustic Hygro-Regulated Ventilator	<ul> <li>Available in colors:</li> <li>White</li> <li>RAL: 8001, 8017, 7016, 7045</li> </ul>
	<b>AERECO EMM</b> Hygro-Regulated Ventilator	<ul> <li>Available in colors:</li> <li>White</li> <li>RAL: 8001, 8017, 7016, 7045</li> </ul>
0	<b>RADAKS</b> Not available for IGLO Premier and IGLO EXT windows.	<ul> <li>Available in colors:</li> <li>White</li> <li>Gasket in black or grey.</li> </ul>
	Not available for IGLO Premier and IGLO	• White
	Not available for IGLO Premier and IGLO EXT windows. <b>REGEL</b> Air Not available for IGLO Premier and IGLO	<ul> <li>White</li> <li>Gasket in black or grey.</li> </ul> Available in colors: <ul> <li>White</li> </ul>

### **HANDLES**

#### WINDOW HANDLES



STANDARD WINDOW HANDLE



DUBLIN HANDLE WITH **DUBLIN WINDOW** PUSH-BUTTON



STANDARD HANDLE WITH KEY



IE WINDOW HANDLE



DUBLIN HANDLE WITH KEY

**TERRACE HANDLES** 

HANDLE



HANDLE FOR IGLO-HS SYSTEM (STANDARD)



DOUBLE SIDED BALCONY DOOR WITH PZ-PLATE

HANDLE FOR IGLO-HS SYSTEM (SINGLE-SIDED)



DOUBLE SIDED BALCONY DOOR WITH PZ-PLATE With Double-Sided Insert



### **ADAPTIVE ROLLER SHUTTERS**

ALUMINIUM ROLLER SHUTTER SYSTEM



HEIGHT 137 mm | 165 mm or 180 mm BOX Revision from the Outside



A system of external aluminium roller shutters is designed in the already existing buildings. The roller shutter is entirely made out of aluminium, available in the chosen color shades from the RAL palette and wooden–like colors. It's rigid construction is ensured by the high quality materials. A sheet which makes the cover of the console, is subject to a unique system of multiple bends which increases its strength.

OVAL



#### 90 DEG FLUSH-MOUNTED ROLLER SHUTTER

**Dimensions:** 137 x 137 mm, 165 x 165 mm, or 180 x 180 mm (width and height of the box). The flush mounted roller shutter has an external revision. Thanks to plaster carrier (extra option), it is suitable for a direct plastering.



Dimensions: 139 x 145 mm, 167 x 171 mm, 182 x 190 mm (width and height of the box). Thanks to its shape, it makes an interesting decorative element of the building.

**ROLLER SHUTTER** 



#### 45 DEG ROLLER SHUTTER

Dimensions: 137 x 137 mm, 165 x 165 mm and 180 x 180 mm (width and height of the box). The system is made of a bent sheet. It's characterised with a high construction rigidity.



Boxes and roller guides are available in the RAL palette colors.



#### UNAVAILABLE RAL COLORS

1035 | 1036 | 2013 | 3032 | 3033 | 4011 | 4012 | 5025 | 5026 | 6035 | 6036 | 7048 | 8029 | 9022 | 9023 | 1026 | 2005 | 2007 | 3024 | 3026 | 6038.

### **RN TOP-MOUNTED ROLLER SHUTTERS**

RN 170, 180, 215, 224



## **RS TOP-MOUNTED ROLLER SHUTTERS** ROLLER SHUTTERS WITH STYROFOAM BOX

The product enables also matching the box depth to the wall depth. We offer the following dimensions: 260 mm, 300 mm, 365 mm and 425 mm.

#### EVEN BETTER INSULATION

Great thermal and acoustic insulation parameters ensure high comfort of use. The box itself, as standard, provides mute on the level up to 49/47 dB. The roller shutters also have a significant impact on reducing the heat loss in the building.



With revision from the outside.



With revision from the inside.



For HS system revision from the outside.



### **ROLLER SHUTTER COLOR SCHEME**

#### **ROLLER SHUTTER CURTAIN COLOR SCHEME**



#### OPTIONAL

ROLLER GUIDES COLOUR SCHEME FOR RS ROLLER SHUTTERS ROLLER GUIDES AND BOXES COLOUR SCHEMES FOR RN ROLLER SHUTTERS



#### AVAILABLE COLORS FOR THE PARTICULAR LATH HEIGHTS

<b>37 MM</b> LATH HEIGHT		42 MM
01 Silver	20 Black	01 Silver
02 White	23 Anthracite	02 White
03 Grey	24 Golden Oak	03 Grey
05 Beige	28 Nut	08 Dark Brown
08 Dark Brown	61 Moss Green	20 Black
09 Brown	62 Grey Aluminium	23 Anthracite





#### **SMART HOME**

Intelligent control systems for window automation via remote control, tablet or smartphone are becoming increasingly popular with customers, allowing the system to also be managed remotely while they are away. There is the option of opening and closing windows individually, in groups as well as timebased programming and connection to other intelligent systems in the house.

#### TaHoma<sup>®</sup> Switch



Windows, doors, roller shutters, Venetian blinds, gates and wickets that, thanks to the intelligent control unit from Somfy – TaHoma® switch, can open or close by themselves at selected times of the day, can tilt or slide in integrated groups or individually, offering us full control and surveillance of our home, even when we are not inside. The TaHoma® switch also allows us to manage the lighting in the house and garden.

#### **G-U AUTOMATICS**



A modern system designed for HS system solutions.

#### Functions:

- opening and closing
- operation via remote control and/or smartphone арр

#### **BleBox Product Line**



These are miniature devices that allow you to open and close doors, windows, roller shutters, awnings, Venetian blinds, gates, manage lighting or the alarm system via your smartphone and tablet - even from anywhere in the world.

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Visit one of our locations:

-

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We speak English and Polish.

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