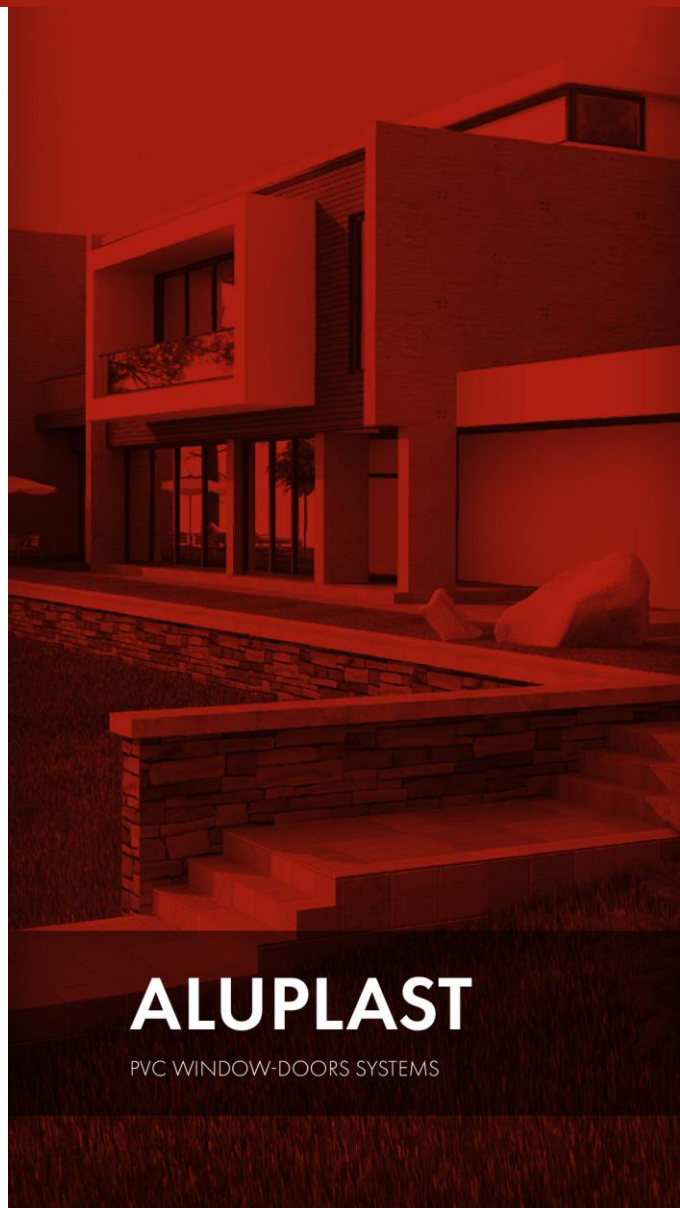


www.royaldoors.co.uk



ALUPLAST

PVC WINDOW-DOORS SYSTEMS



 **ROYAL DOORS**

IDEAL NEO

A WINDOW-DOOR SYSTEM





Ideal Neo is a unique design based on simple structures and innovative technologies, especially recommended for newly built and renovated buildings.

- construction depth 76 mm,
- 5-6 chamber structure,
- glazing with units up to 52 mm,
- standard glazing unit 24 mm,
- frame/sash assembly height 115 mm,
- concealed hinges available,
- "bonding inside" technology available,
- $U_w^* 0,79$ U_w for $U_g=0,5$ warm frame,
- geometrical structure,
- thin window rebates,
- available colours of cores: brown, anthracite, white.

*for a reference window with dimensions of 1230 x 1480 mm

5-6

chambers

2

gaskets

76

construction depth
[mm]

0,79

U_w for $U_g=0,5$
(the Ultimate frame)

ENERGETO 8000

WINDOW SYSTEM





Energeto 8000 - steel is replaced with polymer, and the glass is glued into the sash. The warmest window in the most modern version. The V-Perfect technology is included in the standard option for every Energeto 8000 window.

- „B“-class profiles,
- construction depth 85 mm,
- 6-chamber structure,
- glazing with units up to 52 mm,
- standard glazing unit 4th/18Ar/4/18Ar/4th [$U_g=0,5$]*,
- width of the frame/sash unit 119 mm,
- concealed hinges available,
- Ultradrur High Speed reinforcement (fibreglass-based composite),
- central sealing (3 gaskets),
- fittings operate in a so called "dry chamber", which increases their life,
- 5 anti-burglary points as standard,
- interlock of erroneous position of the handle as standard,
- V-Perfect profile joining as standard,
- glass glued into the sash,
- profiles available in the classic-line aesthetics,
- compatible with other 85 mm wide systems,
- compatible with Aluskin overlays,
- recommended for energy-efficient and passive buildings.

*Standard as of 15.01.2020.
Requires technological confirmation.

6

chambers

3

gaskets

85

construction depth
[mm]

A

aluminium overlay

0,72

U_w for $U_g=0,5$
(the Ultimate frame)

IDEAL 8000

WINDOW-DOOR SYSTEM





The latest generation of windows

By selecting them, you choose warmth, silence and aesthetics. Windows based on the Ideal 8000 system provide thermal and sound insulation at the highest level. Recommended for passive buildings.

- „B“-class profile,
- construction depth 85 mm,
- 6-chamber structure,
- glazing with units up to 52 mm,
- standard glazing unit 4th/18Ar/4/18Ar/4th [$U_g=0,5$]*,
- concealed hinges available,
- equipped with 3 gaskets,
- fittings operate in a so called “dry chamber”, which increases their life,
- 5 anti-burglary points as standard,
- interlock of erroneous position of the handle as standard (RU window),
- available with a straight or rounded sash,
- compatible with other 85 mm wide systems,
- compatible with Aluskin overlays,
- recommended for passive buildings,
- available colours of cores: brown, anthracite, white.

*Standard as of 15.01.2020.
Requires technological confirmation.

6

chambers

3

gaskets

85

construction depth
[mm]

A

aluminium overlay


0,74

U_w for $U_g=0,5$
(the Ultimate frame)

IDEAL 7000 NL

WINDOW-DOOR SYSTEM





Energy-efficient window system
Ideal 7000 NL windows are suitable for
installation in new and renovated buildings.

- „B“-class profile,
- construction depth 120 mm; frame, sash 85 mm,
- 5-chamber structure,
- glazing with units up to 52 mm,
- standard glazing unit 4/16Ar/4th [U_g=1,0]*,
- concealed hinges available,
- equipped with 2 gaskets,
- standard fitting with 2 anti-burglary points per sash,
- available in the simple (classic) sash option,
- recommended for passive buildings,
- available colours of cores: white and anthracite.

*Standard as of 15.01.2020.
Requires technological confirmation.

5

chambers

2

gaskets

120

construction depth
[mm]

0,76

U_w for U_g=0,5
(the Ultimate frame)

IDEAL 7000 NEW

WINDOW-DOOR SYSTEM





The energy-saving windows made using the latest technologies constitute a response to growing requirements in terms of thermal insulation of window joinery. The system is equipped with external sealing.

- „B“-class profile,
- construction depth 85 mm,
- 6-chamber structure,
- glazing with units up to 52 mm,
- standard glazing unit 4/16Ar/4th [Ug=1,1] *,
- concealed hinges available,
- equipped with 2 gaskets,
- fittings equipped with 2 anti break-in points in standard option,
- 1,5 mm thick open steel as standard,
- interlock of erroneous position of the handle as standard (RU window),
- compatible with other 85 mm wide systems,
- available in the simple (classic) sash option,
- recommended for passive buildings,
- available colours of cores: brown, anthracite, white.

*Standard as of 15.01.2020.
Requires technological confirmation.

6

chambers

2

gaskets

85

construction depth
[mm]


0,77

Uw for Ug=0,5
(the Ultimate frame)

IDEAL 5000

WINDOW-DOOR SYSTEM





Ideal 5000 windows combine modern design with exemplary technical parameters. The system offers triple sealing. Also available in a version with a lowered frame allowing better illumination in any room.

- „B“-class profile,
- construction depth 70 mm,
- 5-chamber structure,
- glazing with units up to 42 mm,
- standard glazing unit 4/16Ar/4th [Ug=1.1]*,
- concealed hinges available,
- equipped with 3 gaskets,
- fittings equipped with 2 anti break-in points in standard option,
- fittings operate in a so called “dry chamber”, which increases their life,
- interlock of erroneous position of the handle as standard (RU window),
- compatible with Aluskin overlays,
- 1,5 mm thick open steel as standard,
- available with the Slick frame and with a renovation frame,
- available in classic and semi-recessed sash options,
- semi-recessed sashes can be equipped with central handle (available only for white sashes without veneer)
- available colours of cores: brown, anthracite, white.

* Standard as of 15.01.2020.
Requires technological confirmation.

5

chambers

3

gaskets

70

construction depth
[mm]

A

aluminium overlay

R

renovation

0,94

Uw for Ug=0,7
(the Ultimate frame)

IDEAL 4000 NEW

WINDOW-DOOR SYSTEM



The combination of the most popular solution with the six-chamber structure of the frame allowed for better thermal insulation of the window. The system represents high standards based on a product tested and appreciated by the market.

- „B“-class profile,
- construction depth 85 mm,
- 6-chamber frame structure,
- 5-chamber sash structure,
- glazing with units up to 42 mm,
- standard glazing unit 4/16Ar/4th [Ug=1.1]*,
- equipped with 2 gaskets,
- fittings equipped with 2 anti break-in points in standard option,
- concealed fittings available,
- 1,5 mm thick open steel as standard,
- Interlock of erroneous position of the handle as standard (RU window),
- available in classic and semi-recessed sash options,
- compatible with other 85 mm wide systems,
- available colours of cores: brown, anthracite, white.

* Standard as of 15.01.2020.
Requires technological confirmation.

6

chambers

2

gaskets

85

construction depth
[mm]


0,97

Uw for Ug=0,7
(the Ultimate frame)

IDEAL 4000

WINDOW-DOOR SYSTEM





Ideal 4000 is a universal system that works well both in the modern architecture of single-family and multi-family housing and in the case of renovation projects.

- „B“-class profile,
- construction depth 70 mm,
- 5-chamber structure,
- glazing with units up to 42 mm,
- standard glazing unit 4/16Ar/4th [Ug=1.1]*,
- equipped with 2 gaskets,
- fittings equipped with 2 anti break-in points in standard option,
- concealed hinges available,
- 1,5 mm thick open steel as standard,
- interlock of erroneous position of the handle as standard (RU window),
- available with renovation and monoblock frames,
- available in classic and semi-recessed sash options,
- available with central handle,
- compatible with Aluskin overlays (does not apply to monoblock frames),
- available colours of cores: brown, anthracite, white.

*Standard as of 15.01.2020.
Requires technological confirmation.

5

chambers

2

gaskets

70

construction depth
[mm]

A

aluminium overlay

R

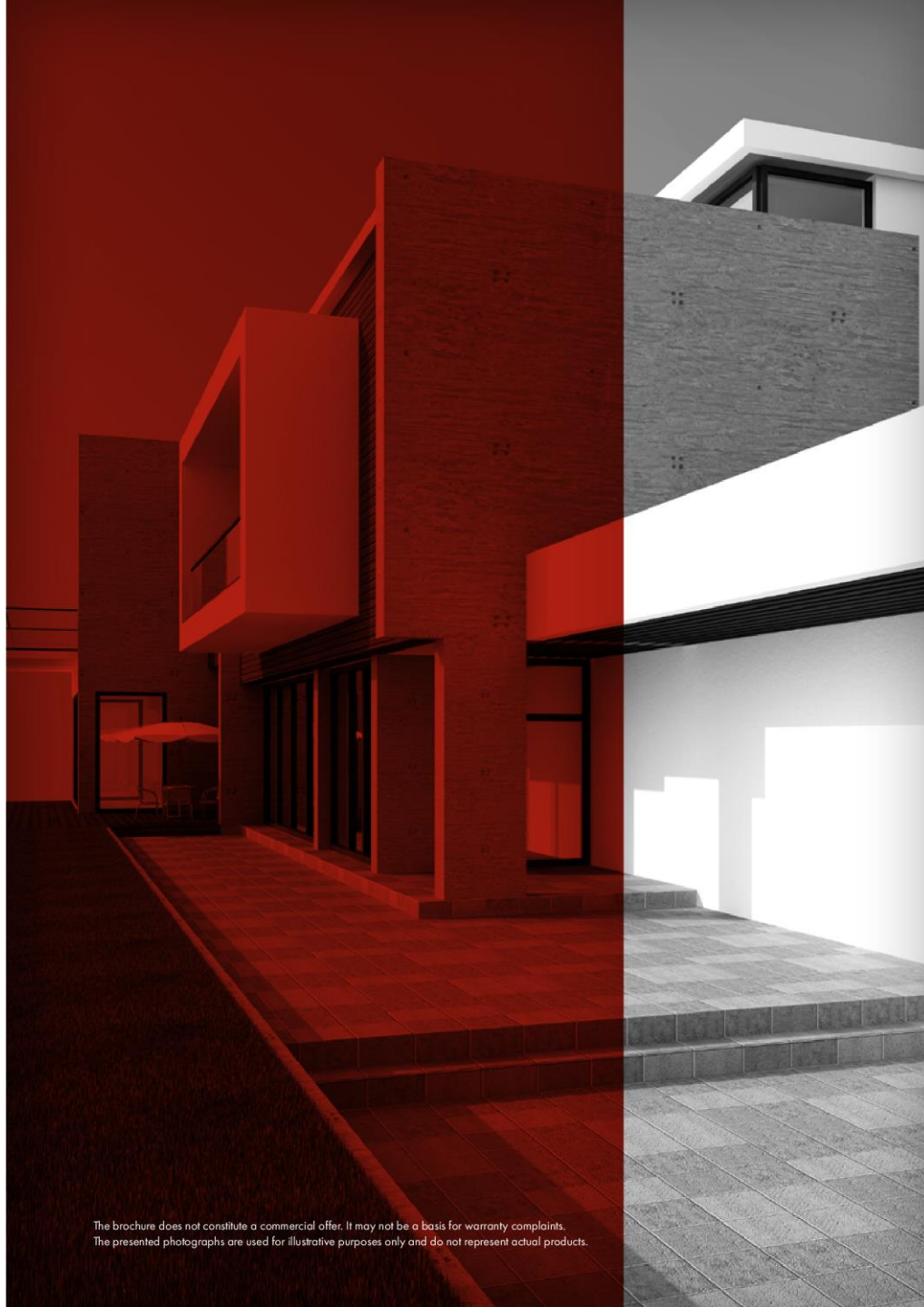
renovation

1,00

Uw for Ug=0,7
(the Ultimate frame)

COLOUR PALETTE





The brochure does not constitute a commercial offer. It may not be a basis for warranty complaints.
The presented photographs are used for illustrative purposes only and do not represent actual products.

1/2022



www.royaldoors.co.uk

