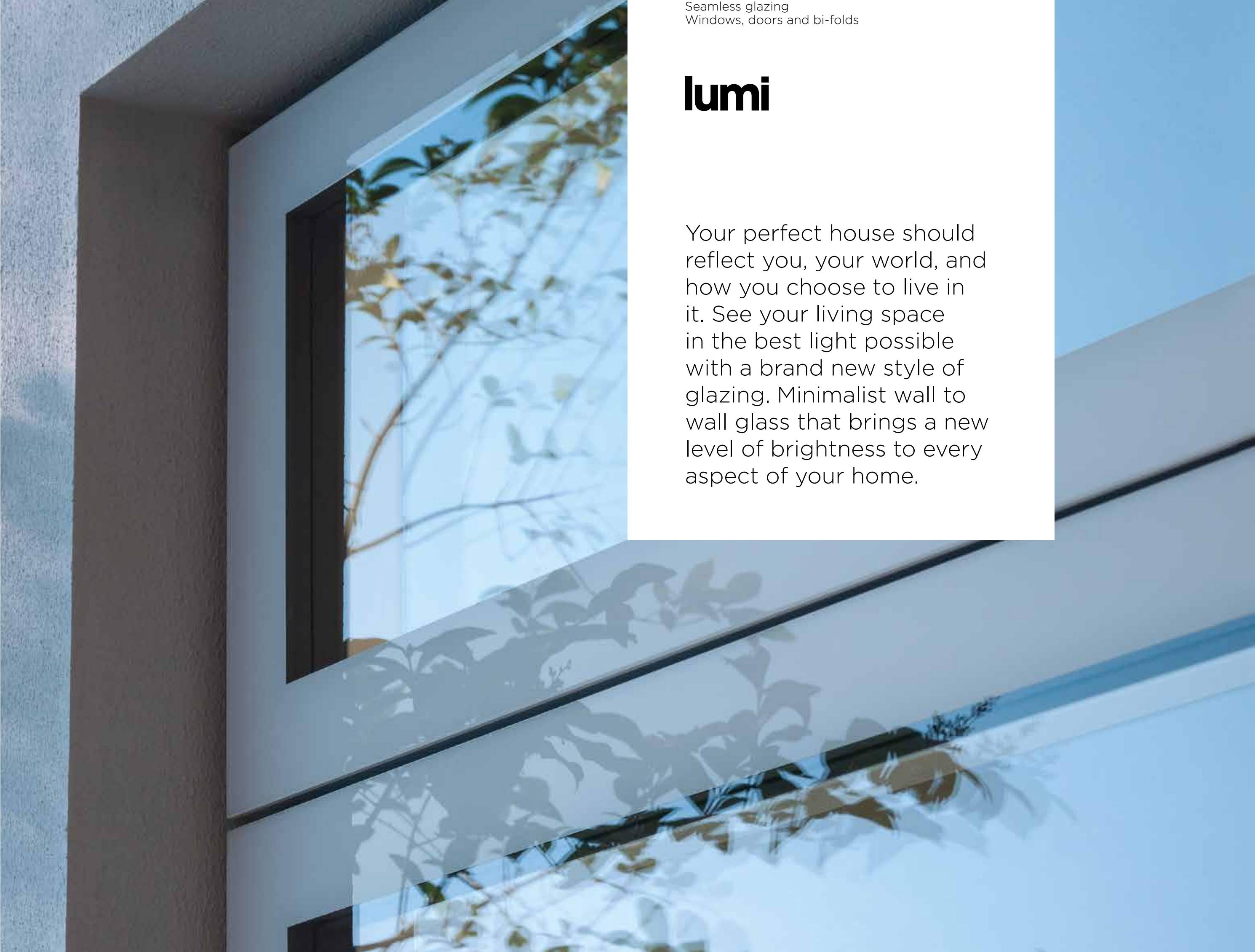




endless light

**lumi**

Seamless glazing  
Windows, doors and bi-folds



Seamless glazing  
Windows, doors and bi-folds

## **lumi**

Your perfect house should reflect you, your world, and how you choose to live in it. See your living space in the best light possible with a brand new style of glazing. Minimalist wall to wall glass that brings a new level of brightness to every aspect of your home.



Lumi is a groundbreaking new range of customisable, matching frameless windows, bi-folds and doors from Apeer. With their completely flat, uninterrupted profile, these radically styled windows bring a wall of light to your home.

Hidden under the ceramic colour lies the secret to Lumi's strength - energy efficient triple glazing that has been structurally bonded to an internal core of high strength, glass-fibre reinforced profiles. This intelligent piece of engineering is the first of its kind on the market, bringing all the design benefits of frameless glazing with all the strength, security and internal styling of more traditional windows and doors.









**External Finishing.**

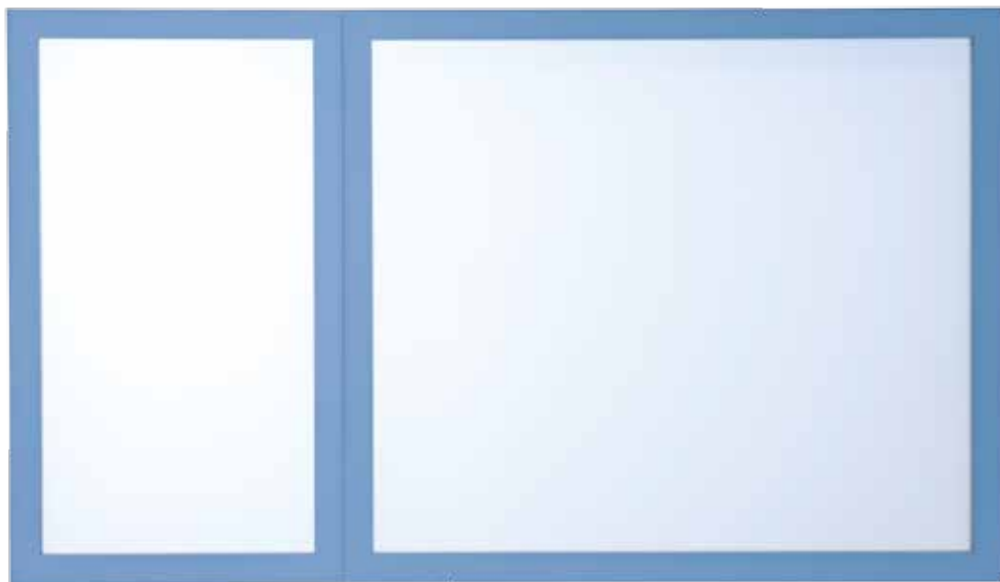
A subtle band of ceramic colour has been fused at extremely high temperature to the glass inside the glazing unit. Available in six different finishes, all colours are protected from the elements reducing the possibility of fading over time. Plus, no external frames mean that maintenance and cleaning are every bit as minimal as the styling.

External Colours Available



Every effort has been made to reproduce the Lumi colours. However, printing constraints will give rise to some colour deviation.





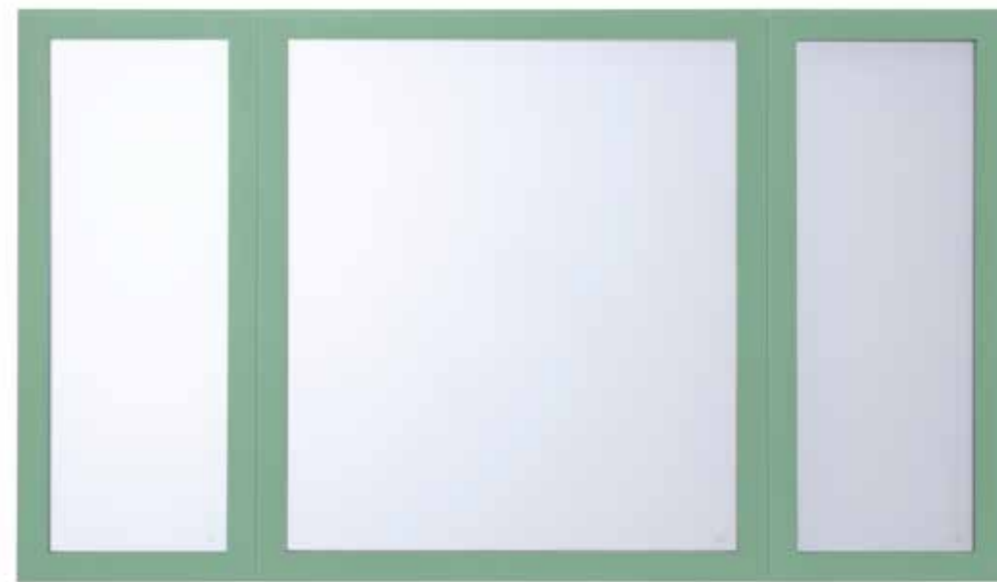
### Window L5

Picture with side opener

U-value = 0.8090 w/m<sup>2</sup>k, 2200mm x 1300mm  
(Soft coat and argon gas filled).

For **external** finishes see page 9  
For **internal** finishes see page 19

See page 15 for all available  
Window Combinations



### Window L8

Picture with two side openers

U-value = 0.8957 w/m<sup>2</sup>k, 2200mm x 1300mm  
(Soft coat and argon gas filled).

For **external** finishes see page 9  
For **internal** finishes see page 19

See page 15 for all available  
Window Combinations



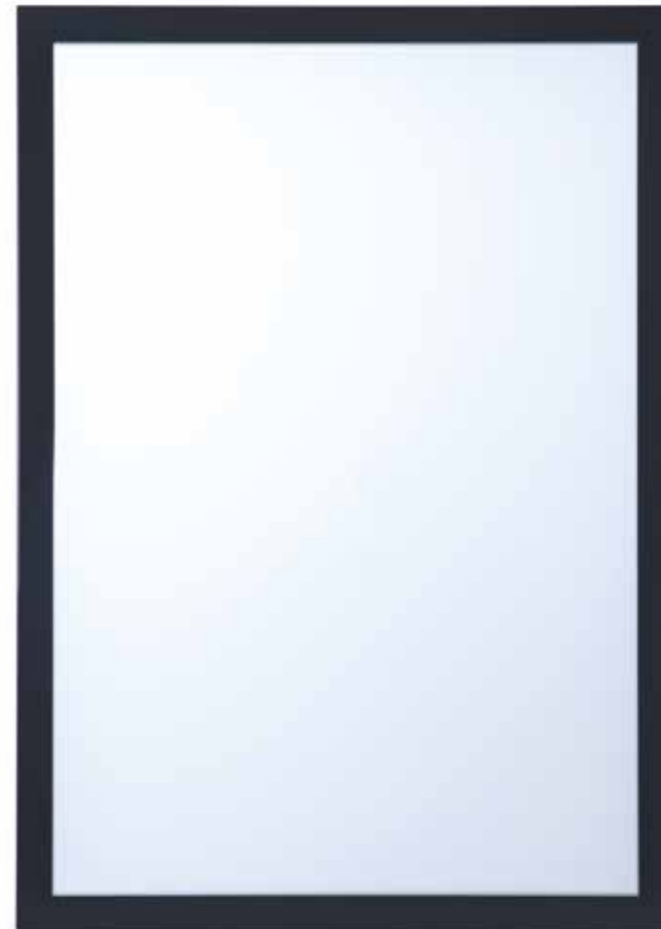
### Window L7

Picture with two top openers

U-Value = 0.8781 w/m<sup>2</sup>k, 2200mm x 1300mm  
(Soft coat and argon gas filled).

For **external** finishes see page 9  
For **internal** finishes see page 19

See page 15 for all available  
Window Combinations



### Window L1

Picture window with no opener

U-value = 0.7291 w/m<sup>2</sup>k, 1300mm x 1800mm  
(Soft coat and argon gas filled).

For **external** finishes see page 9  
For **internal** finishes see page 19

See page 15 for all available  
Window Combinations





**Window L6**

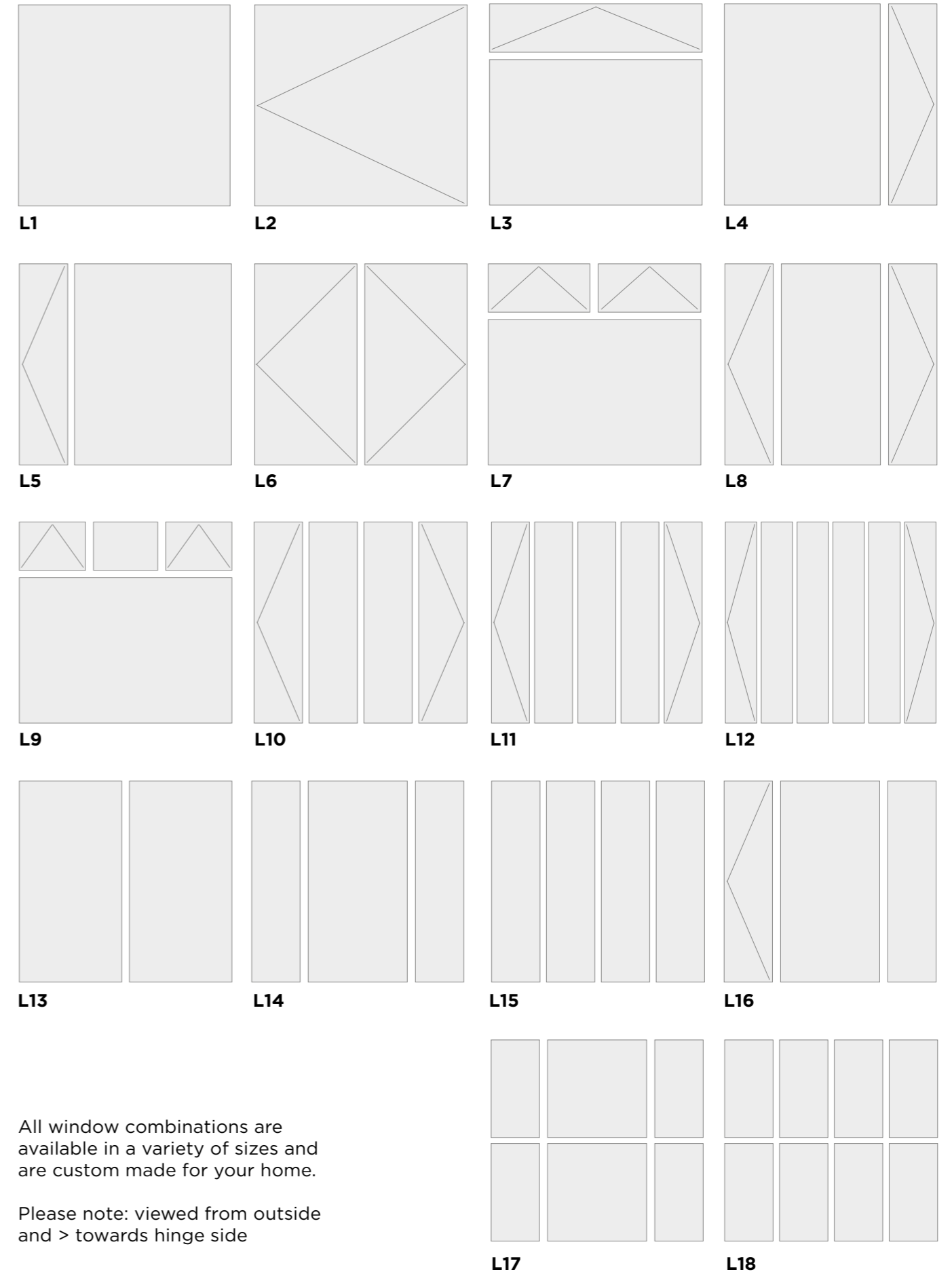
French style openers left & right

U-value = 0.9169 w/m<sup>2</sup>k, 1300mm x 1800mm  
(Soft coat and argon gas filled).

For **external** finishes see page 9      See page 15 for all available  
For **internal** finishes see page 19      Window Combinations

**Window Combinations**

The Lumi Windows are available in various combinations.





A close-up photograph of a window frame. The frame is made of a material with a wood-grain finish, likely PVC as mentioned in the text. The frame is dark brown with a natural wood grain pattern. The window is partially open, showing a view of green foliage outside. The lighting is soft, highlighting the texture of the frame.

### **Internal Finishing.**

A consistent, high quality finish of architectural detailing can have a surprising impact on the overall success of an interior. Lumi is one of the only wood or PVC alternatives with an interior finish that can be matched across the trims, window boards and sills of all the windows, doors and bi-folds in your home. Available in a choice of eleven styles, four of which are convincing and subtle wood grain finishes, Lumi is the simple way to upgrade your home interiors.



AnTeak

<<  
An interior finish  
that can be  
matched across  
the trims, window  
boards and sills.



19

White



Siena

Internal Colours Available



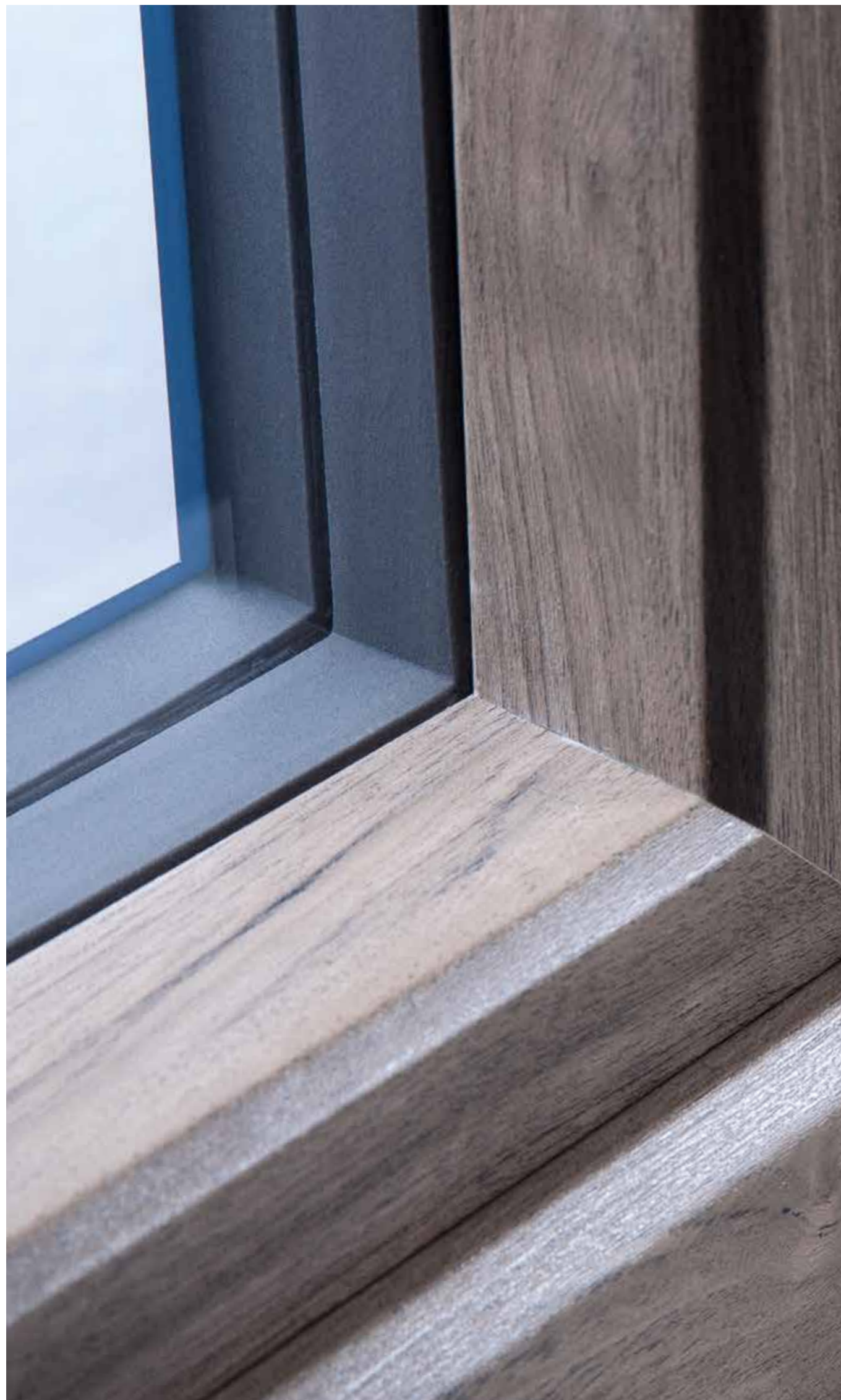
Every effort has been made to reproduce the Lumi colours. However, printing constraints will give rise to some colour deviation.



A detailed close-up photograph of a window's internal frame and locking mechanism. The frame is made of light-colored wood, and the locking system is a complex metal assembly with several screws and a central handle. The window glass is visible on the right side, showing a blue-tinted surface. The background is a plain, light-colored wall.

### **Energy Efficiency.**

Lumi has been designed to conserve energy and withstand even the most extremes of weather. With a state of the art 50mm insulated triple glazed unit, an 80mm draught free double rebate system with a double gasket seal as standard, Lumi windows are among the most energy efficient on the market.



6mm Kitemarked low iron extra clear toughened glass.

4mm Kitemarked toughened glass.

Triple glazed 50mm insulated glass unit.

Exterior grade Renolit foil. Authentic timber finish with no maintenance.

Highly polished edge.

Ceramic colour border. Fused in toughening furnace at 700°C.

High strength structural adhesive.

Edgetech warm edge Super Spacer with built in energy saving.

Glass-fibre profile. Exceptionally strong and durable with low thermal conductivity.

Double gasket seal for excellent thermal performance and noise reduction.

Double rebate stormproof design.

Foam insulation for extra energy efficiency.



The 50mm triple glazing is made from 6-4-4 toughened glass, insulating the home against both cold and noise. The flush glazing completely hides the glass-fibre double rebate stormproof frame, offering exceptional U-values and unparalleled weather protection. We can also supply this triple glazed unit with two panes of low emissivity glass filled with argon gas for enhanced energy efficiency.



A close-up photograph of a window's internal mechanism. The image shows a white plastic handle on the left, partially obscured by a white plastic cover. To the right, a silver metal lock mechanism is visible, featuring several screws and a complex internal structure. The background is a blurred view of a window pane and wooden frame.

**Security.**

Top of the range glazing requires top of the range security, which is why we have invested in the Lumi window brake lock system from Winkhaus, which allows the window to be locked into any opening position simply by using the window's handle, exclusive to Lumi in UK.



Concealed hinge



Friction stay

All Lumi windows can be fitted with restrictor stays and privacy glass.

As with all Apeer products, the Lumi collection comes with a 10 year guarantee to cover structural, mechanical and colour.

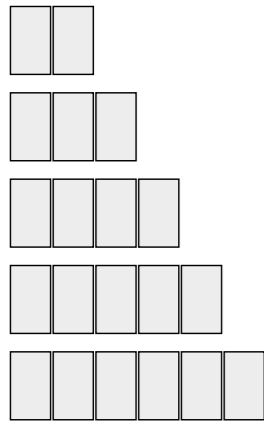


80mm double rebate with double seal and Winkhaus locking system

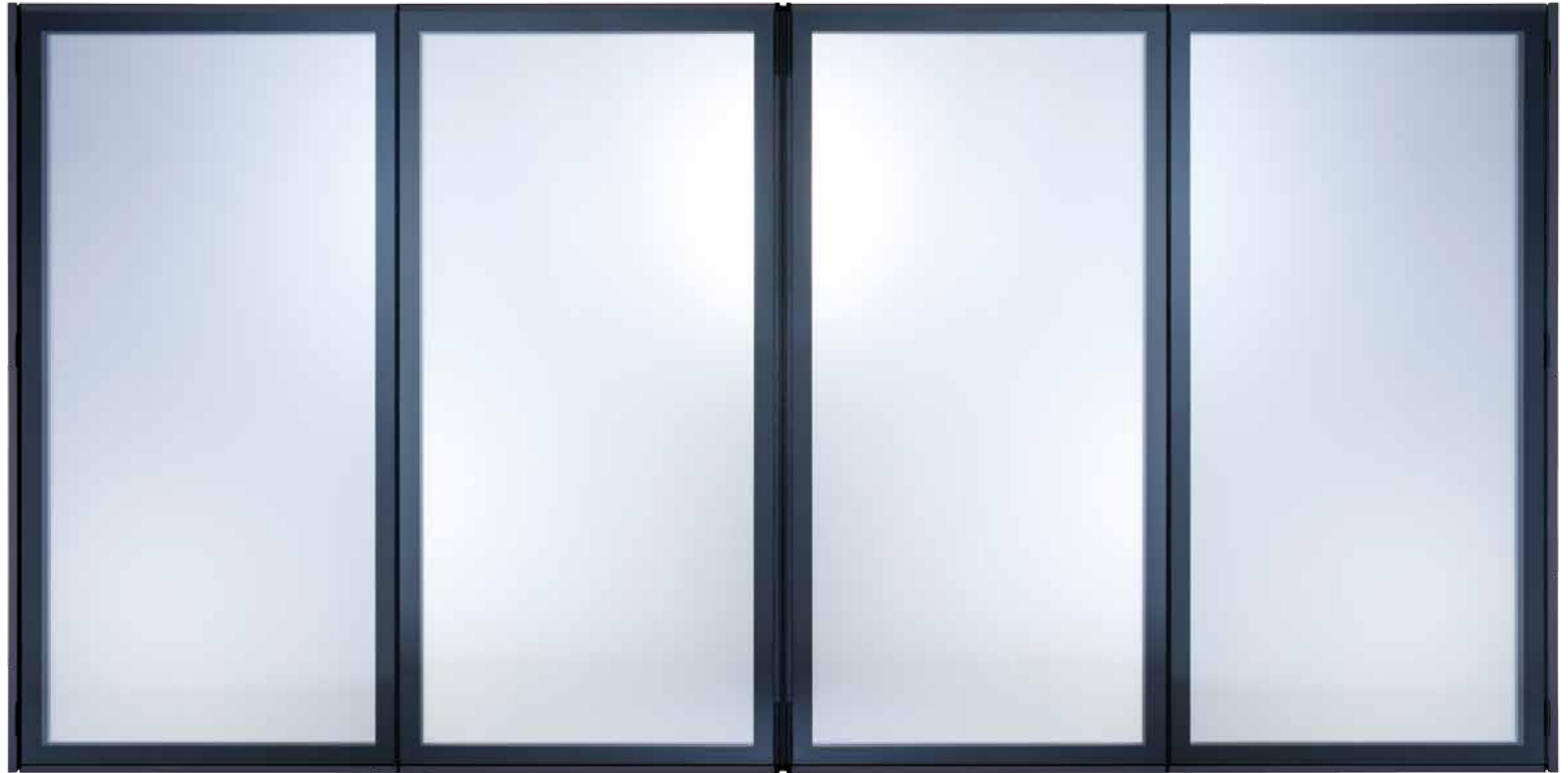


## Bi-Fold Doors

Lumi bi-folds might look like and behave like Lumi windows and doors, but they work slightly differently. Their 62mm triple glazed insulated glass unit is structurally bonded to a twin seal thermally broken aluminium frame with insulating foam inserts. However, they are one of the most energy efficient bi-folds on the market with excellent U-values. And they have achieved burglar resistance of WK/RC (DIN EN 1627) with Schüco multi point lock system with shoot bolts.



The Lumi Bi-Fold doors are available in 2, 3, 4, 5 & 6 door combinations.



U-value = 1.3 w/m<sup>2</sup>k, 5000mm x 2200mm  
(Soft coat and argon gas filled).

For **external** finishes see page 9  
For **internal** finishes see page 19



All Bi-Fold doors open outwards.

## French Door



U-value = 0.8843 w/m<sup>2</sup>k, 1800mm x 2150mm  
(Soft coat and argon gas filled).

For **external** finishes see page 9  
For **internal** finishes see page 19



French doors open inwards.

Due to the different materials used in the ceramic fused colour glass border and the glass-fibre profiles and doors a variation in colour shading is to be expected.



Available with sidelights and toplight.



### Fully Glazed Entrance Door



Due to the different materials used in the ceramic fused colour glass border and the glass-fibre profiles and doors a variation in colour shading is to be expected.



U-value = 0.9891 w/m<sup>2</sup>k, 1300mm x 2150mm  
(Soft coat and argon gas filled).

For **external** finishes see page 9  
For **internal** finishes see page 19



Available with sidelights and toplight.





As you would expect from Apeer, the manufacturers of some of the most advanced glass-fibre reinforced doors on the market, Lumi doors are an impressive addition to the Lumi range. Available fully or partially glazed, every Lumi door comes with police approved, "secured by design" anti-pick, anti-bump, anti-drill and anti-snap Kitemarked cylinder lock barrels as standard. Plus, our triple glazing provides so much insulation against the cold that they have achieved an enviable A rating in energy conservation. Available with AV2 auto locking system or traditional lever handles.



Available with sidelights and toplight.

## Composite Entrance Doors

LD2 Black



U-value = 0.6101 w/m<sup>2</sup>k, 1300mm x 2150mm (Soft coat and argon gas filled).

Due to the different materials used in the ceramic fused colour glass border and the glass-fibre profiles and doors a variation in colour shading is to be expected.

For **external** finishes see page 9  
For **internal** finishes see page 19

For all sidelight and toplight combinations please refer to the Apeer Lumi Window Builder program.



## Composite Entrance Doors

LD5 Light Grey



For all sidelight and toplight combinations please refer to the Apeer Lumi Window Builder program.

For **external** finishes see page 9  
For **internal** finishes see page 19

Due to the different materials used in the ceramic fused colour glass border and the glass-fibre profiles and doors a variation in colour shading is to be expected.

U-value = 0.7235 w/m<sup>2</sup>k, 1300mm x 2150mm (Soft coat and argon gas filled).

## Composite Entrance Doors

LDO Anthracite Grey



For all sidelight and toplight combinations please refer to the Apeer Lumi Window Builder program.

For **external** finishes see page 9  
For **internal** finishes see page 19

Due to the different materials used in the ceramic fused colour glass border and the glass-fibre profiles and doors a variation in colour shading is to be expected.

U-value = 0.5816 w/m<sup>2</sup>k, 1300mm x 2150mm.



**lumi**





From their Co. Antrim headquarters, Apeer design, manufacture and supply some of the industry's most advanced windows and doors. Perhaps best known for their range of energy efficient, highly secure, low maintenance composite doors, Apeer is respected as a pioneer in the door and glazing markets.

[www.appeer.co.uk/lumi](http://www.appeer.co.uk/lumi)

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