



endless light

lumi

Seamless glazing
Windows, doors and bi-folds



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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.









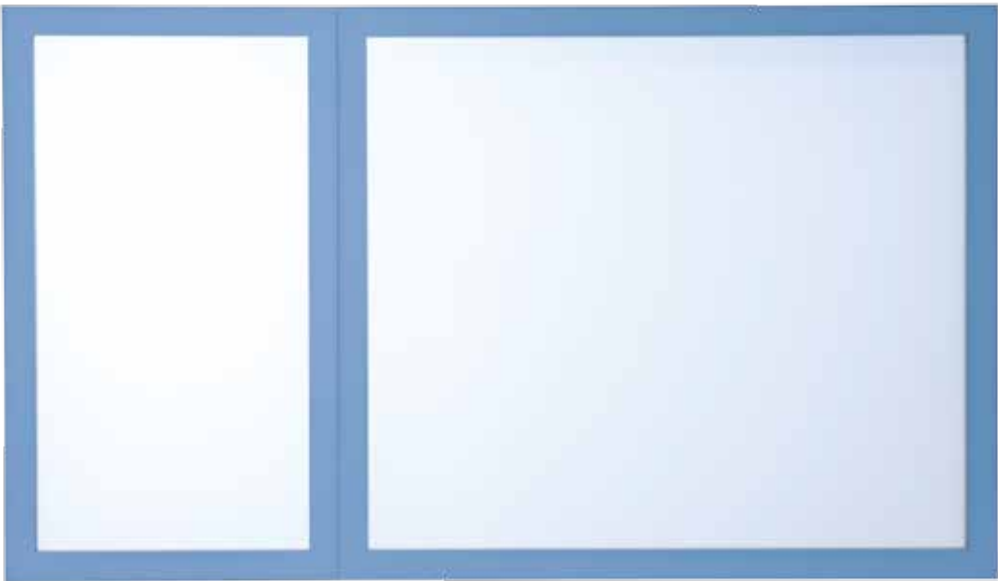
External Finishing.

A subtle band of ceramic colour has been fused at extremely high temperature to the glass inside the glazing unit. Available in eight 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



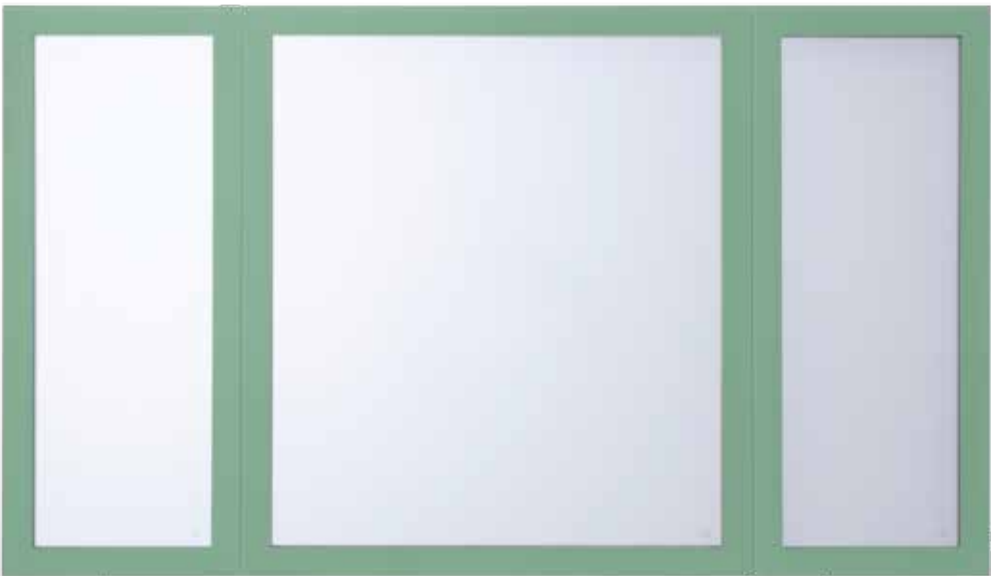
Every effort has been made to reproduce the Lumi colours. However, printing constraints will give rise to some colour deviation.



Window L5
Picture with side opener

U-value = 0.8090 w/m²k, 2200mm x 1300mm
(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 L8

Picture with two side openers

U-value = 0.8957 w/m²k, 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/m²k, 2200mm x 1300mm
(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 L1
Picture window with no opener

U-value = 0.7291 w/m²k, 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 L6
French style openers left & right

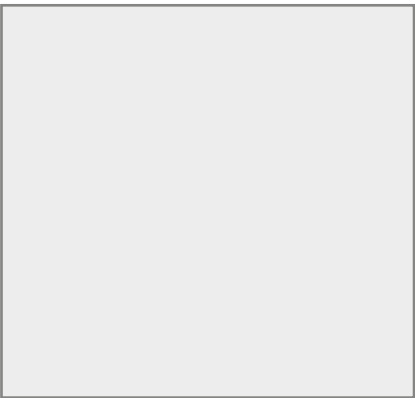
U-value = 0.9169 w/m²k, 1300mm x 1800mm
(Soft coat and argon gas filled).

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

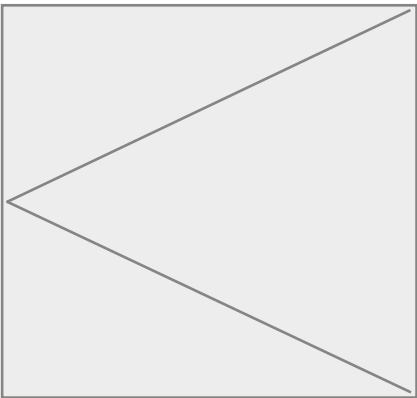
Window Combinations

The Lumi Windows are available in various combinations.

All window combinations are available in a variety of sizes and are custom made for your home.



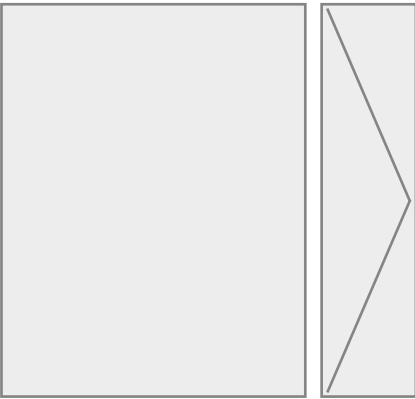
L1



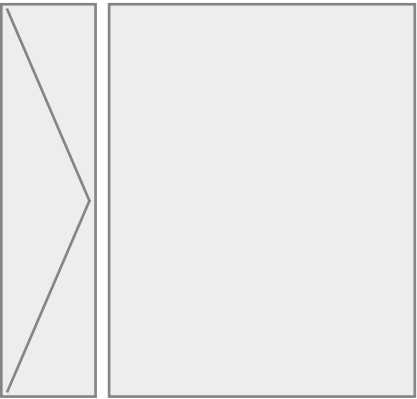
L2



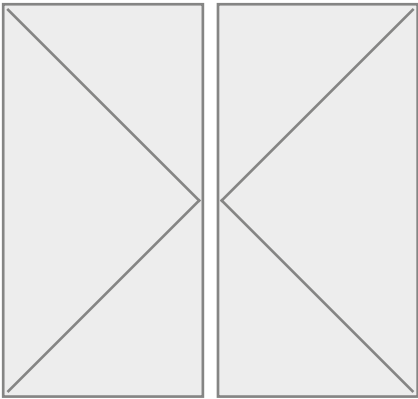
L3



L4



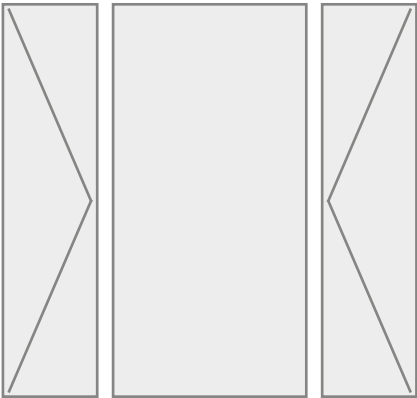
L5



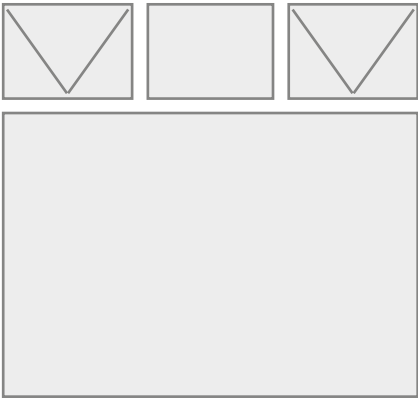
L6



L7



L8



L9



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 eight styles, four of which are convincing and subtle wood grain finishes, Lumi is the simple way to upgrade your home interiors.







White

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



Siena

Internal Colours Available

		
White	Anthracite Grey	Black
		
Cream	AnTeak	Winchester
		
Siena	Swamp Oak	

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

A close-up photograph of a window frame and glass pane. The frame is made of light-colored wood or composite material. The glass is clear, showing a reflection of the interior. The background is a soft, out-of-focus view of a room with light-colored walls and a wooden floor.

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 triple 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
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.

Triple 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 door hinge and handle. The hinge is a heavy-duty, silver-colored metal with a complex, multi-part design. It is mounted on a light-colored wooden door. The handle is a sleek, modern, silver-colored metal with a curved, ergonomic shape. The background is a blurred view of the door's interior, showing the wood grain and the hinge mechanism.

Security.

Top of the range glazing requires top of the range security, which is why we have invested in the Winkhaus high security lock with completely concealed hinges. These heavy duty extras will allow Lumi to continue to work smoothly for many years.





Concealed hinge



Friction stay

All Lumi Windows are fitted with restrictor stays to ensure safe operation.

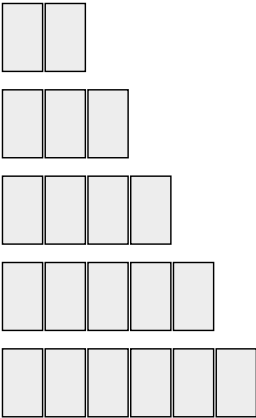
As with all Apeer products, the Lumi collection comes with a 10 year guarantee to cover structural, mechanical and colour.



80mm double rebate with triple 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/m²k, 5000mm x 2200mm
(Soft coat and argon gas filled).

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All Bi-Fold doors open outwards.

French Door



U-value = 0.8843 w/m²k, 1800mm x 2150mm
(Soft coat and argon gas filled).

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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.





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/m²k, 1300mm x 2150mm
(Soft coat and argon gas filled).

For **external** finishes see page 9
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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.



Composite Entrance Doors

LD2 Black



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

U-value = 0.6101 w/m²k, 1300mm x 2150mm (Soft coat and argon gas filled).

Composite Entrance Doors

LD5 Light Grey



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

U-value = 0.7235 w/m²k, 1300mm x 2150mm (Soft coat and argon gas filled).

Composite Entrance Doors

LD0 Anthracite Grey



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

U-value = 0.5816 w/m²k, 1300mm x 2150mm.



A photograph of a window with horizontal blinds and a dark curtain. The scene is captured from a low angle, looking up. The blinds are partially open, revealing a bright blue sky with soft, out-of-focus clouds. The dark curtain on the left side of the frame shows the silhouette of a plant with small, rounded leaves. The word "lumi" is written in white, lowercase letters on the right side of the image.

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

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