







QUALITY.

Our 20+ years experience designing and manufacturing unique building envelope systems allows us to provide a wide and versatile range of products, guaranteeing the highest quality, whilst still delivering systems that are exceptionally simple to design, detail and install.

TESTED.

At Genius Facades, safety is a key priority. We put our systems through rigorous testing procedures to ensure current CWCT standards are met, we are compliant to the latest NHBC technical notes and all of our materials achieve a non-combustible fire rating.

INNOVATION.

Always at the forefront of industry development, we use the latest technology to continually innovate and improve our systems ensuring optimum design, functionality and performance. Regularly investing in research and development.





WHO. WHAT. WHY?

At Genius Facades, we have manufactured an innovative range of versatile, certified non-combustable metal cladding systems.

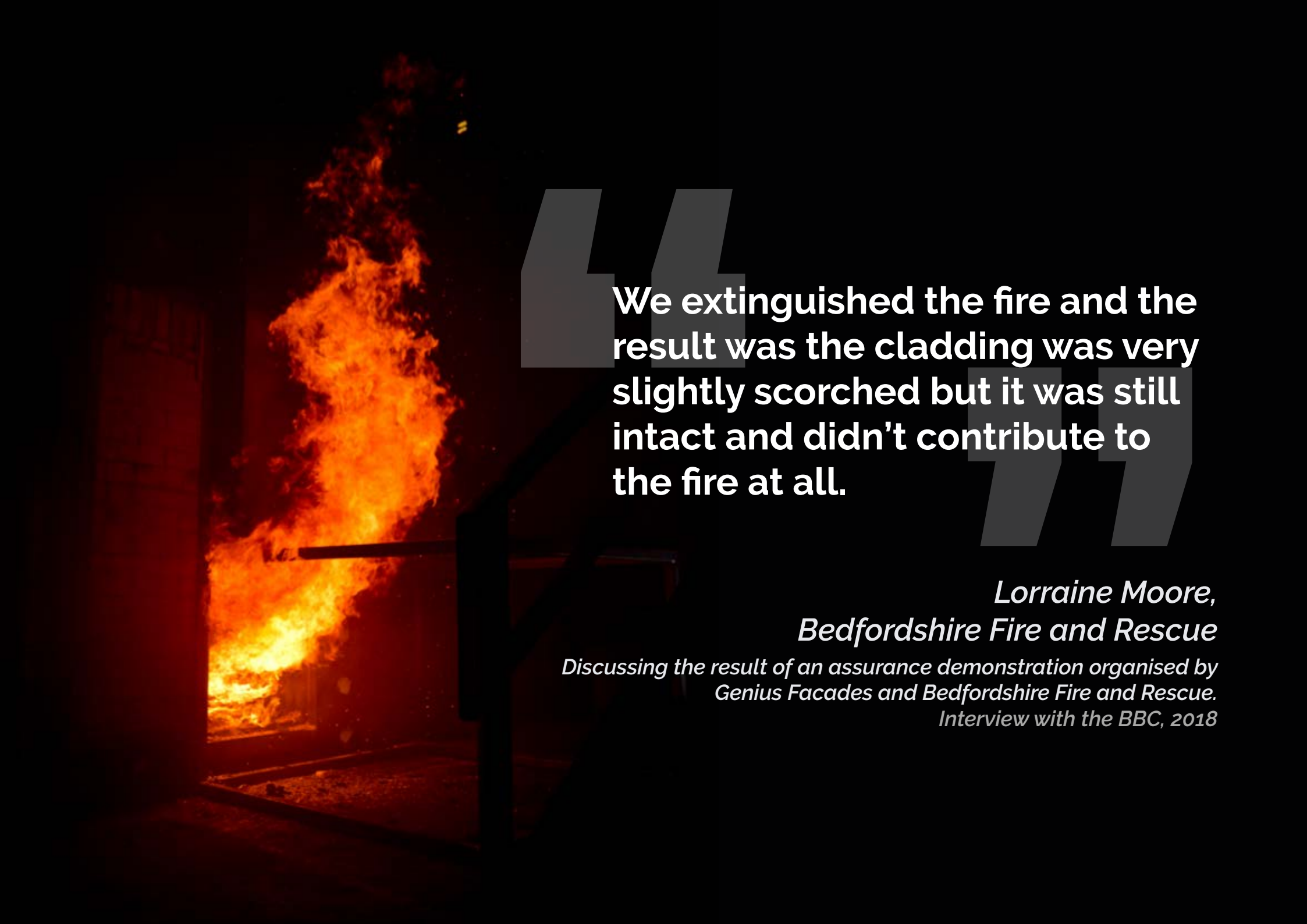
Our cladding systems have evolved following years of research and development by industry specialists aiming to produce fire safe, contemporary facades that can be designed and incorporated into new builds or seamlessly retro fitted to enhance refurbishments of existing buildings.

At Genius Facades, we are able to achieve a stunning metal facade at a competitive cost utilising our in-house programming and technical design departments.

An emphasis has always been placed on efficiency. We understand that clients are increasingly pushing for shorter build time across projects. With this in mind, we have developed a single support system designed to carry multiple differing facade types, reducing installation times and creating a fast track construction solution.

Genius Facades adopt a hands on approach from concept to completion working alongside clients and approved installers to ensure quality is maintained throughout the project.

In addition, Genius Facades provide bespoke solutions for a wide range of architectural requirements, including flashings and ancillary items.

A large fire is burning inside a test chamber, with a fire extinguisher visible in the foreground. The fire is bright orange and yellow, and the background is dark. The text is overlaid on the right side of the image.

We extinguished the fire and the result was the cladding was very slightly scorched but it was still intact and didn't contribute to the fire at all.

***Lorraine Moore,
Bedfordshire Fire and Rescue***

*Discussing the result of an assurance demonstration organised by
Genius Facades and Bedfordshire Fire and Rescue.
Interview with the BBC, 2018*

GENIUS PRODUCT TESTING

ENSURING SAFETY & QUALITY

Product safety and general testing of our systems is at the heart of the services provided at Genius Facades.

Whether that be small scale ad hoc component testing or large scale full system tests (such as **BS 8414-1** & **BS 8414-2**), we ensure our products adhere to the highest possible quality and standards whilst remaining inline with UK building regulations.

Alongside **European Fire Class A1 & A2s1d0** certification (non-combustable classification), our systems are **CWCT** tested for air leakage, dynamic pressure, water penetration and impact.

Genius Facades have worked with several testing centres throughout our testing processes including:

Wintech – Testing and Certification

Exova Warringtonfire

The BRE

This helps to ensure safety and quality throughout the Genius Facades product range.

For more detailed information and videos on our test procedures, please visit our website:

www.geniusfacades.com/tested/





“They have an excellent product which responds to the current demand for non-combustible cladding. We will definitely be directing our clients towards Genius Facades on similar projects in the future.”

*Simon Bartle, Architect
Boast Associates*

The background is an abstract composition of various rectangular panels in shades of red and purple, arranged in a way that creates a sense of depth and perspective. The panels are separated by dark lines, and the overall color palette is vibrant and modern.

SYSTEMS

PRIME



PRIME

The Genius Prime system utilises a 3mm aluminium 'hook on' panel, which combines contemporary aesthetics whilst adhering to current building regulations.

The Genius Prime system is available with fully concealed fixings or with fixings placed discreetly in the recessed joints.

The Genius Prime system can achieve a maximum panel face area of 4.5m² with heights of up to 3880mm and widths up to 1500mm.

The 'hook on' method of the Genius Prime system, along with the specially engineered LF Genius Clip, allows for rapid installation and is not encumbered by over complicated design and fixing methods.

Key features

- A1 & A2 s1d0 non-combustible
- Available in large format panels
- Allows for generic detailing by the designer
- Exceptionally simple system to design detail and install
- Recyclable
- Unique 'hook on' installation method
- 4.5m² coverage by 1 panel

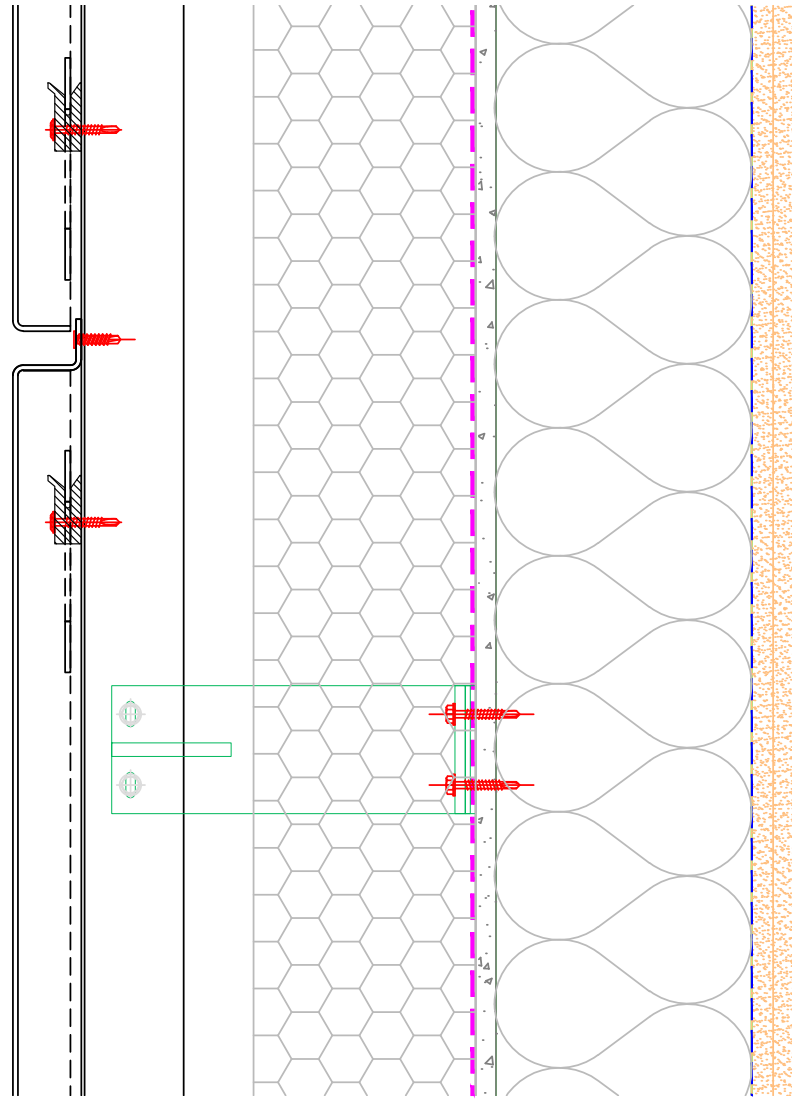


For more information, relevant case studies and technical specs, please use the QR code or visit: www.geniusfacades.com/prime/





PRIME/PANEL SECTION



SECRET



SECRET

The Genius Secret system utilises fully concealed fixings, which introduce seamless joints to the Genius range.

Clients looking to create a smooth and continuous effect in a final facade appearance can now achieve this with the cost-effective and easy to install Genius Secret system.

The Secret system is a folded aluminium product.

As polyester powder coating and anodising are the most widely used finishes for the folded aluminium range, this product comes with a vast colour palette.

Key features

- A1 & A2 s1d0 non-combustible
- Allows for generic detailing by the designer
- Simple to design detail and install
- Cost effective
- Wide range of colours available
- Secret fixings
- Recyclable

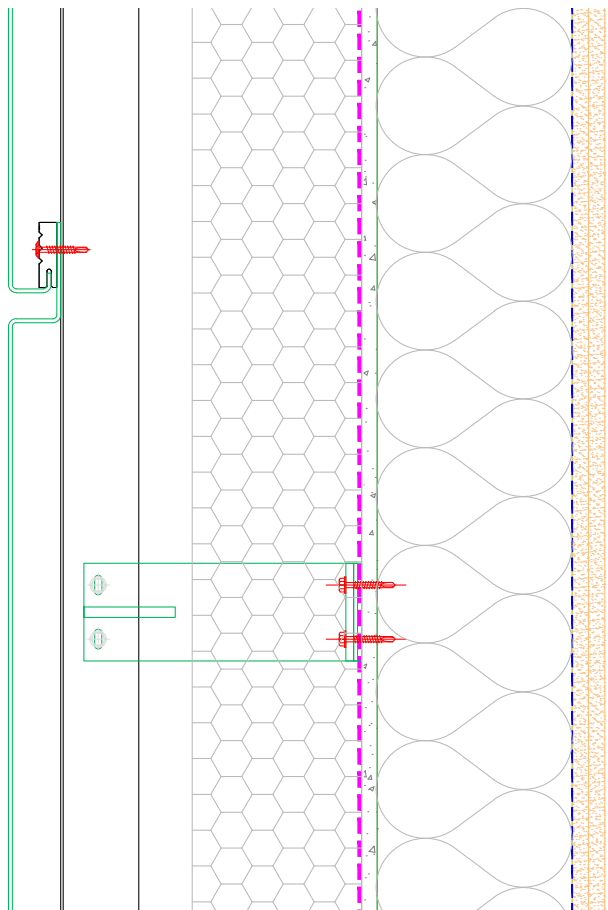


For more information, relevant case studies and technical specs, please use the QR code or visit: www.geniusfacades.com/secret/





SECRET/PANEL SECTION



DISCRETE



DISCRETE

The Genius Discrete system is a cost effective option which maintains an aesthetically pleasing modern appearance.

The Genius Discrete system is a ventilated rainscreen facade with a sleek continuous colour consistency over the building envelope. Manufactured utilising cutting edge CNC machine technology to market leading standards.

The concealed fixing mechanism (semi-visible) allows rapid installation and simplistic removal of a single panel, if any impairment should occur, as the panels are fixed in the horizontal recessed joints.

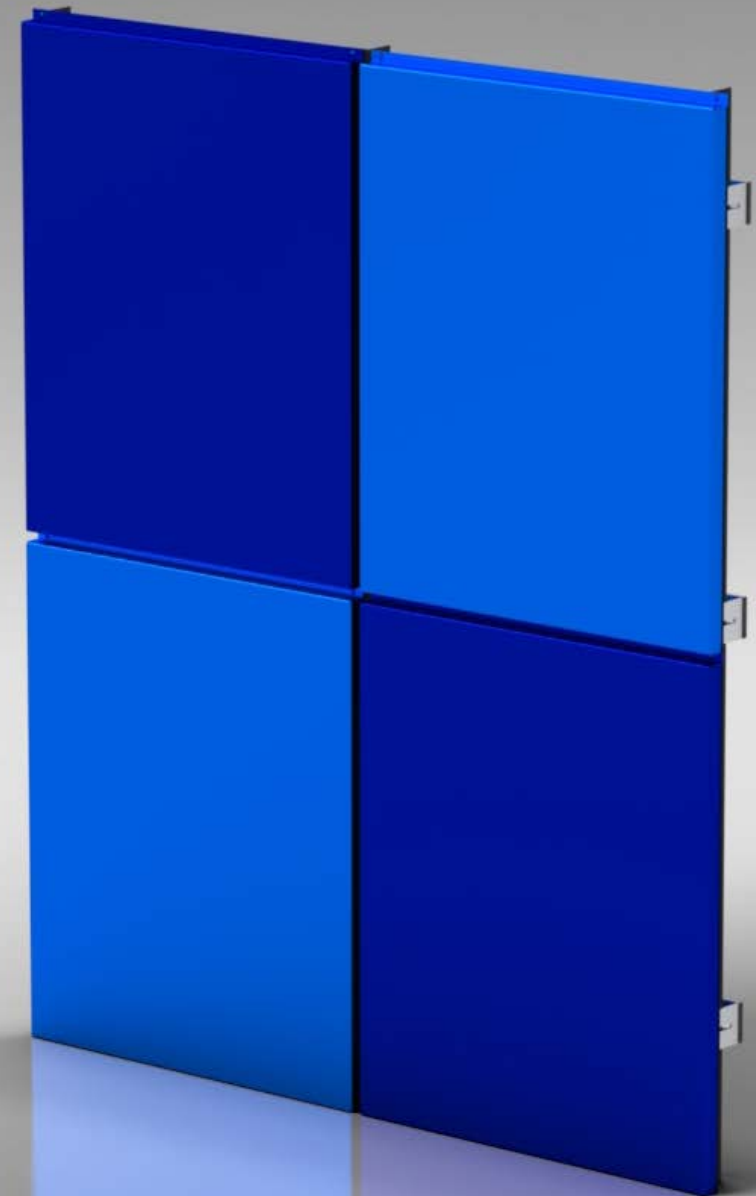
The simplicity of the Genius Discrete system reduces design and installation times and as a folded aluminium product, a wide range of finishes are available with a vast colour palette.

Key features

- A1 & A2 s1d0 non-combustible
- Discrete fixings
- Individually removable panels
- Recyclable
- Easy deconstruction of scaffolding as panels can be installed in isolation
- Cost Effective
- Wide range of colours available

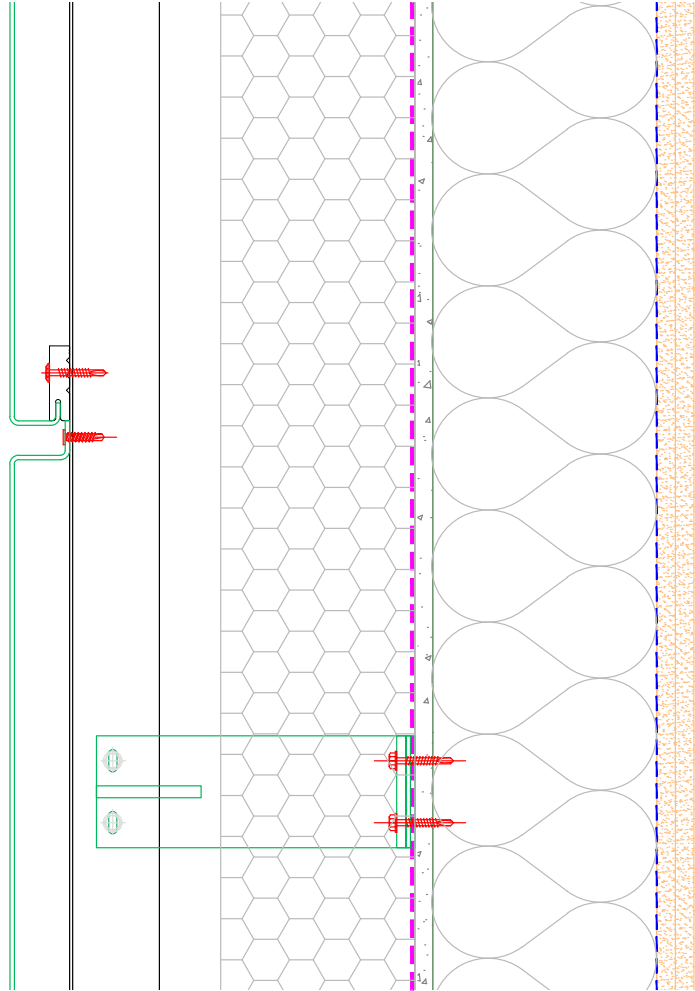


For more information, relevant case studies and technical specs, please use the QR code or visit: www.geniusfacades.com/discrete/





DISCRETE/PANEL SECTION



EDGE



EDGE

Genius Edge is a lightweight, cost-effective rainscreen facade system available in both 2mm and 3mm thickness.

The Genius Edge system utilises an overlapping fixing method which conceals fixings within the recess of the panel joint. The system can be installed both horizontally and vertically.

The Genius Edge system is a folded aluminium product.

Genius Edge has a vast and varied colour palette as it's available in all Genius finishes - PPC, Anodised or Pre-coat.

Key features

- A1 & A2 s1d0 non-combustible
- Simple to design detail and install
- Cost effective
- Lightweight
- Wide range of finishes available
- Concealed fixings
- Can be installed horizontally or vertically



For more information, relevant case studies and technical specs, please use the QR code or visit: www.geniusfacades.com/edge/

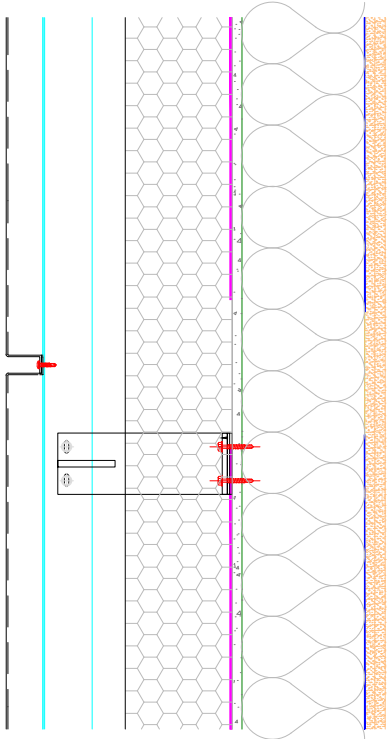
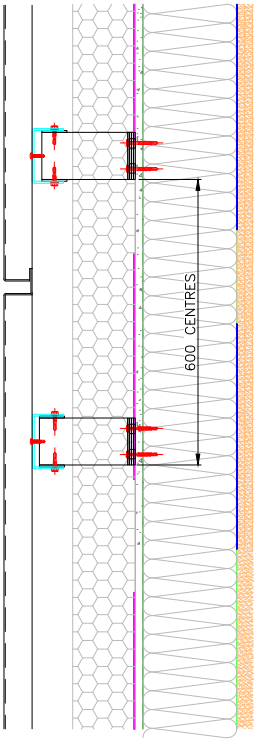




EDGE/PANEL SECTION



VERTICAL PANELS



HORIZONTAL PANELS

PLANAR



PLANAR

The Genius Planar system is part of the latest high quality extruded 6063-T6 aluminium range.

Genius Planar allows the architect to be able to select a precise and flat facade rainscreen panel with the accuracy associated with extruded aluminium.

Standard sizes for our Genius Planar system are 190/225/290mm panel face height and maximum lengths can be up to 6000mm. Bespoke panel heights available subject to minimum order quantities.

Genius Planar boasts expertly engineered components that offer precise and durable facade elements. With Genius Planar, the choice of design is only limited by the imagination of the designer.

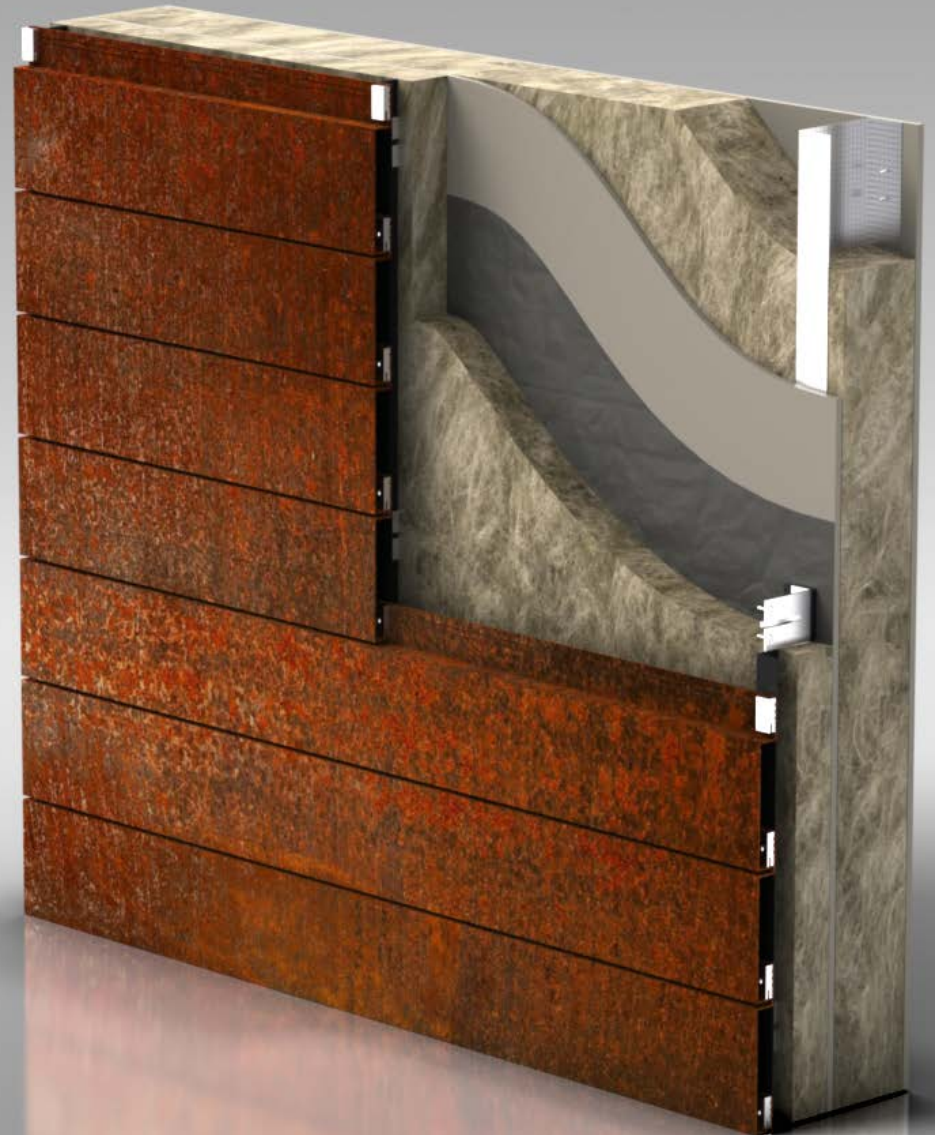
The system is also ideal for the replication of terracotta tiles and timber where any colour can be achieved and incredible impact resistance is assured.

Key features

- A1 & A2 s1d0 non-combustible
- Multitude of panel designs available
- Accurate
- Recyclable
- Easy to install
- Wide range of colours available
- Secret fixings
- Can be installed horizontally or vertically



For more information, relevant case studies and technical specs, please use the QR code or visit: www.geniusfacades.com/planar/

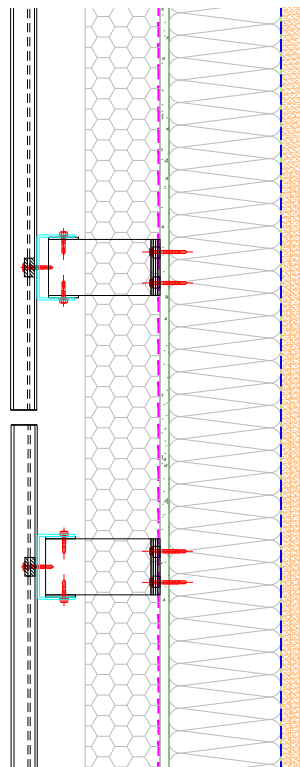




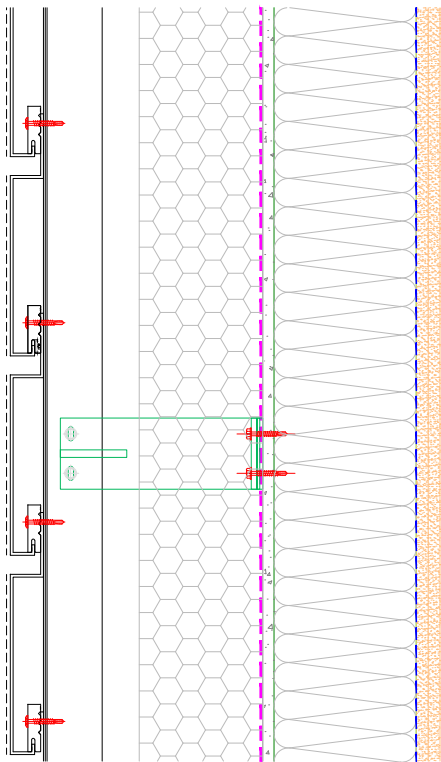
PLANAR/PANEL SECTION



VERTICAL PANELS



HORIZONTAL PANELS



BESPOKE PLANAR



BESPOKE PLANAR

Part of the latest high quality extruded 6063-T6 aluminium range, Bespoke Planar has all the benefits of the Genius Planar system with additional customisation potential.

As Bespoke Planar is an extruded section, the accuracy achieved is extremely precise and assured to be consistent throughout the project.

Genius Bespoke Planar allows the designer to select a uniquely profiled or curved edge creating a dramatic and original facade appearance with the accuracy associated with extruded aluminium.

Panels can be produced in standard heights of 190mm (200mm module) with lengths of up to 6000mm. Bespoke panel heights available subject to minimum order quantities.

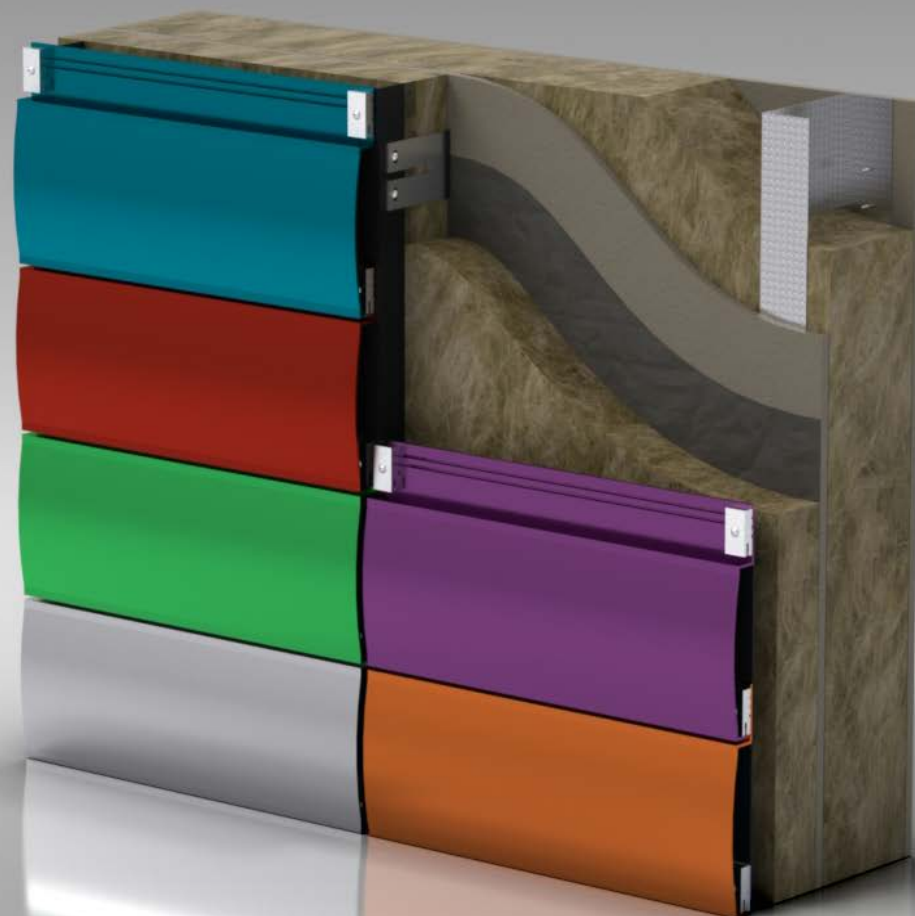
These products can be supplied in an extensive range of RAL and anodised finishes along with mineral, terracotta, etched and timber finishes.

Key features

- A1 & A2 s1d0 non-combustible
- Accurate
- Recyclable
- Easy to install
- Wide range of colours and finishes available
- Secret fixings
- Can be installed horizontally or vertically



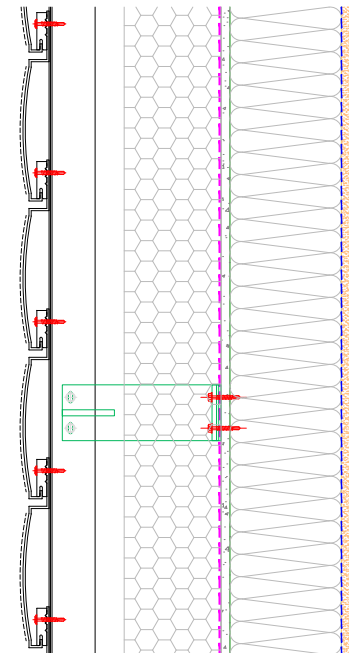
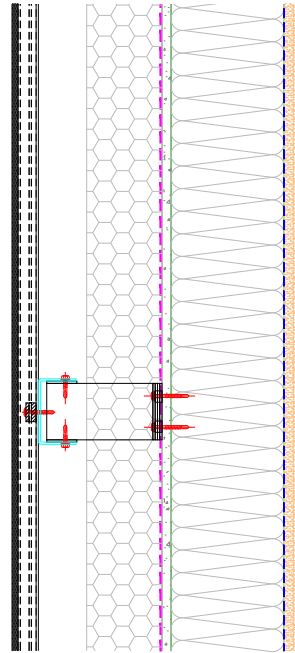
For more information, relevant case studies and technical specs, please use the QR code or visit: www.geniusfacades.com/bespoke-planar-2/





BESPOKE PLANAR/PANEL SECTION

VERTICAL PANELS



HORIZONTAL PANELS

FLAT



FLAT

Architects looking for a value engineered facade can still achieve Genius quality by specifying the Genius Flat system.

The Genius Flat system is an uncomplicated, cost effective face fixed solution adopting the aesthetics of colour matched fixings.

The system is available in 3mm aluminium with a wide palette of colours on offer.

In addition, the Genius Flat system can incorporate digital image perforations from photographs or images provided by the architect. This can also be backlit to create a stunning unique final facade.

Key features

- A1 & A2 s1d0 non-combustible
- Accurate
- Recyclable
- Sharp, crisp lines
- Easy to install
- Wide range of colours available
- Large panels available



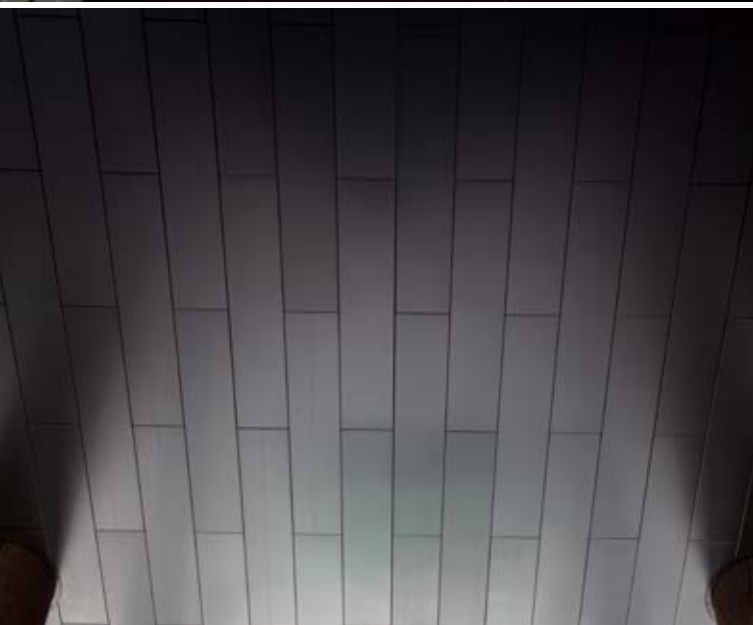
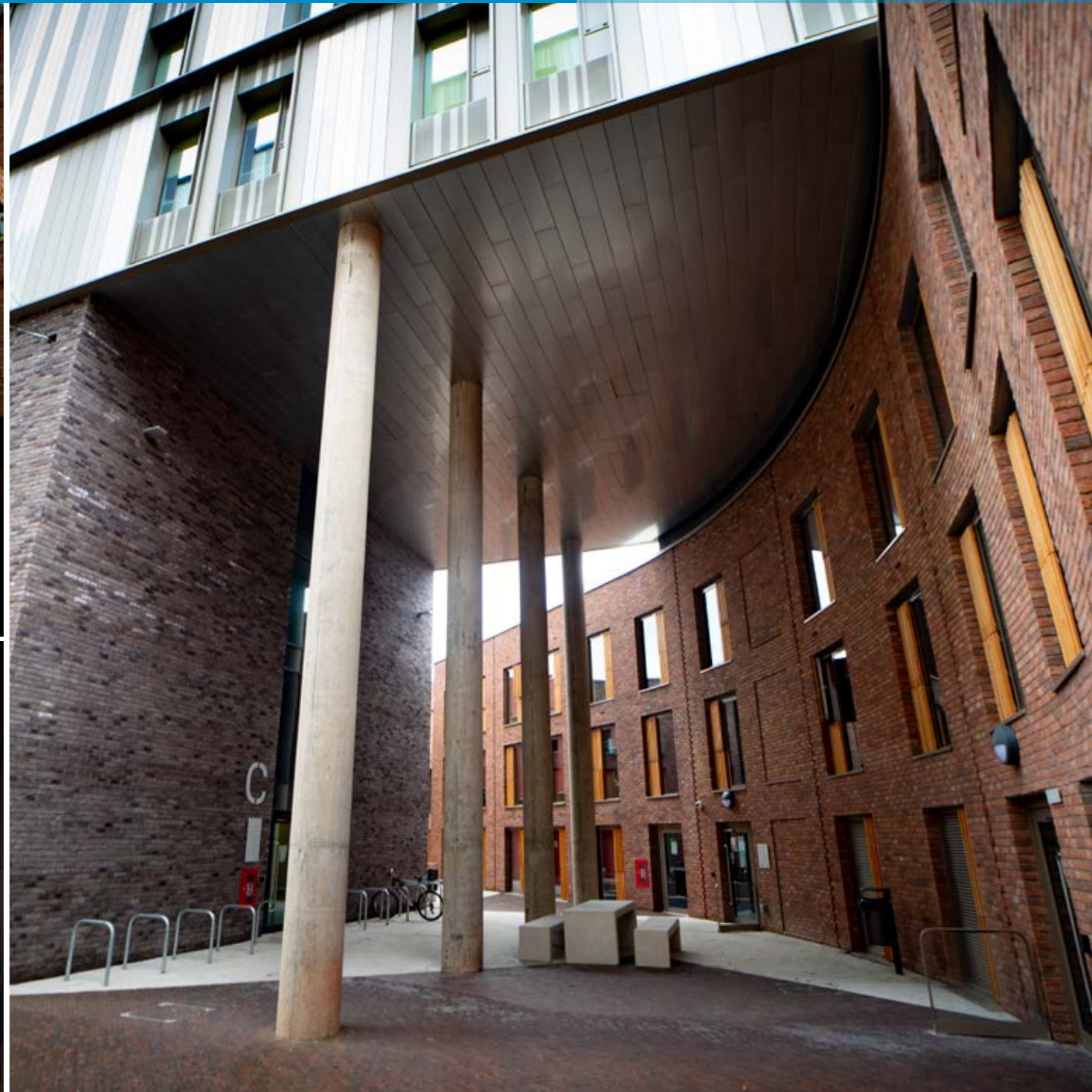
For more information, relevant case studies and technical specs, please use the QR code or visit: www.geniusfacades.com/flat/





FLAT/PANEL SECTION

LINEAR



LINEAR

The Genius Linear system is a secret fixed panel that gives the effect of a floating system.

Although plank profiles are generally used for fascia and soffit applications, it is also possible to use them for a cost effective, main facade solution.

Our Genius Linear system panels are available in most metal materials and finishes including polyester powder coated aluminium, anodised coatings and perforated.

Maximum lengths can be up to 4000mm. In addition, face heights are bespoke to project specifications and can be a maximum of 400mm. Several styles of linear panels are available in perforated and bespoke formats.

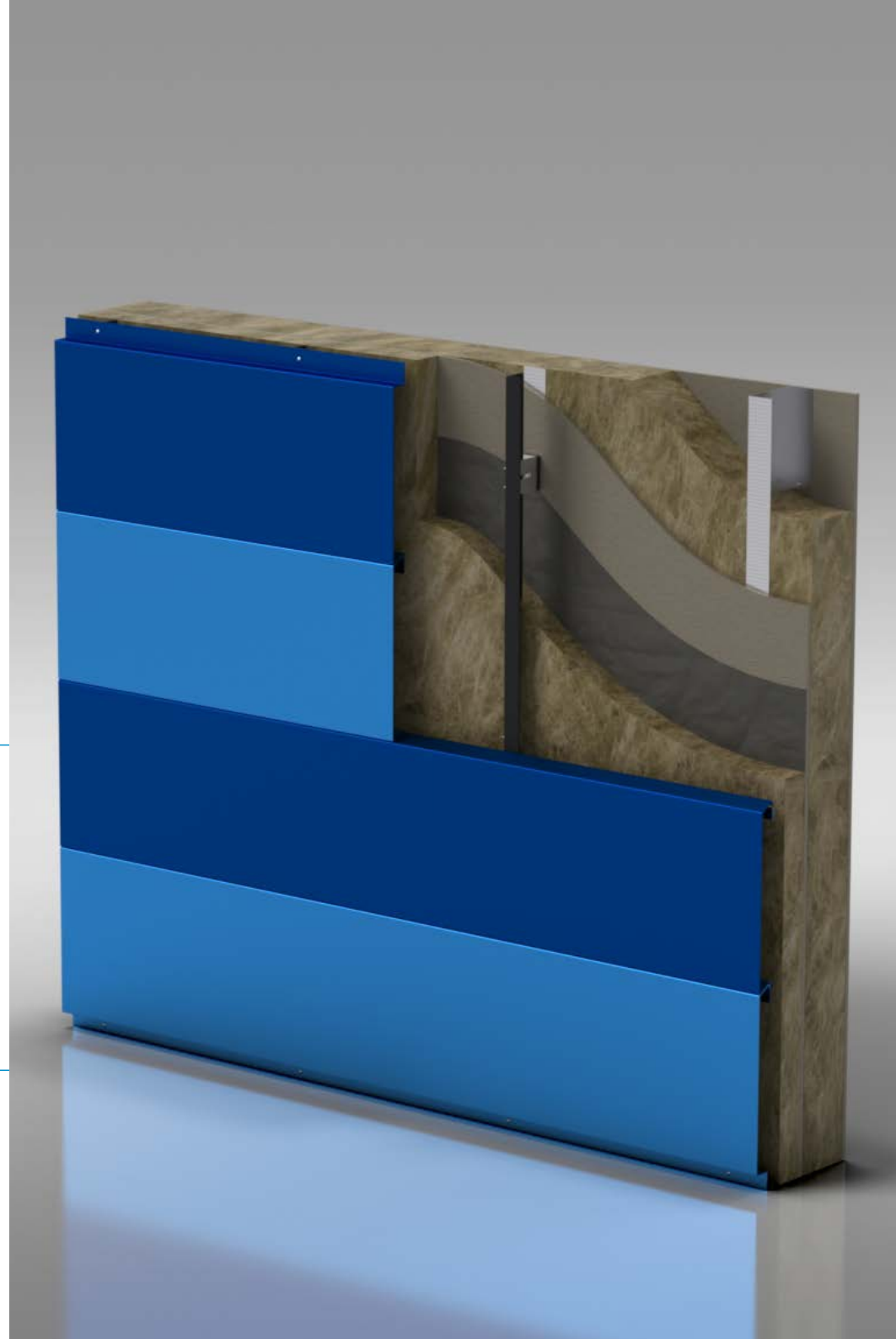
The application of the vertical linear 'standing seam' profile gives the appearance of a traditional standing seam system at a fraction of the cost.

Key features

- A1 & A2 s1d0 non-combustible
- High quality
- Rapid, economical installation
- Recyclable
- Opportunity to use mixed colours
- Plank lengths available up to 4000mm

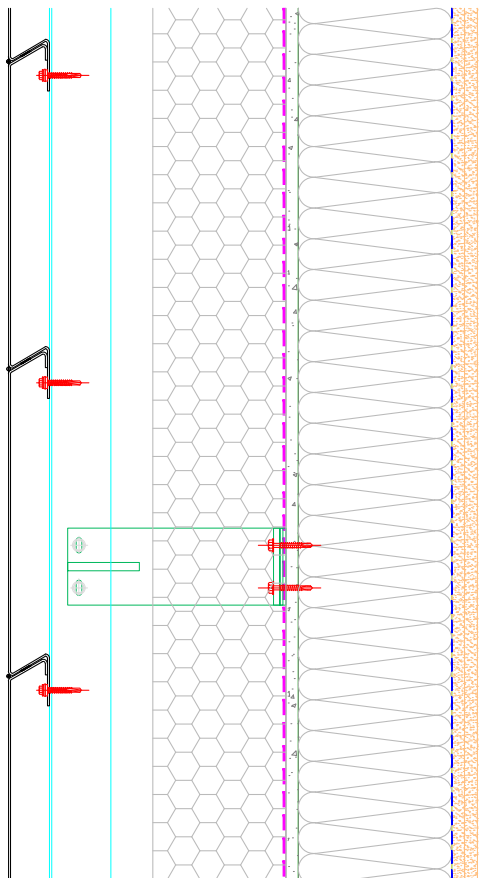


For more information, relevant case studies and technical specs, please use the QR code or visit: www.geniusfacades.com/linear/





LINEAR/PANEL SECTION



UNITISED



UNITISED

The Genius Unitised system allows the architect to be able to select a precise prefabricated facade system with the alignment accuracy associated with unitised applications.

The unitised facades comprise of prefabricated units, which are typically the width of the facade bay and one or two storeys high.

Each panel is fully clad and sealed off site, allowing the units to be moved to site for fast installation on to pre-prepared fixings to either steel or concrete frames.

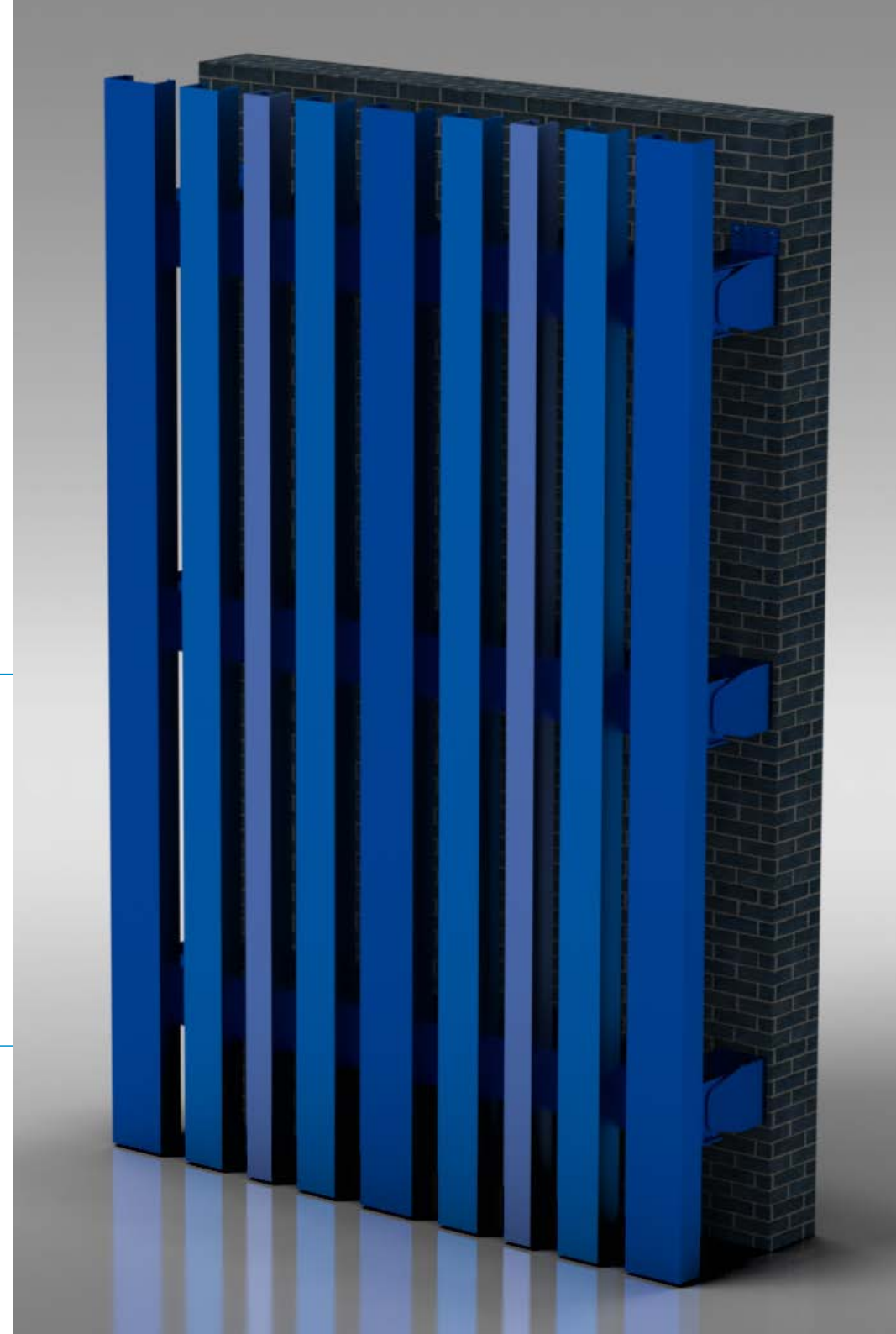
The unitised panels can use any combination of profiles, to give building designers complete aesthetic flexibility.

Key features

- A1 & A2 s1d0 non-combustible
- Reduced programme times
- Unique, versatile aesthetics
- Excellent quality control
- Reduced handling and storage
- Enables rapid installation
- Minimal wastage

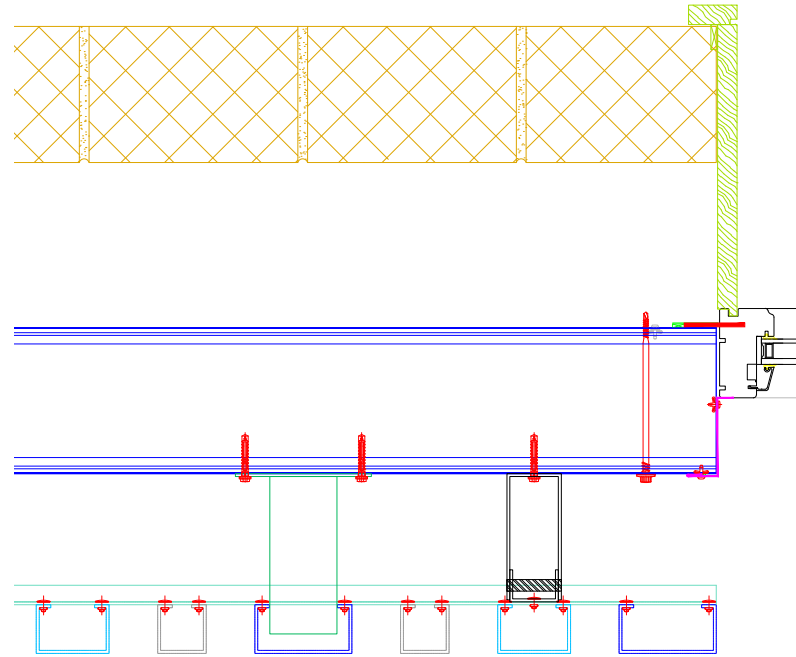


For more information, relevant case studies and technical specs, please use the QR code or visit: www.geniusfacades.com/unitised/

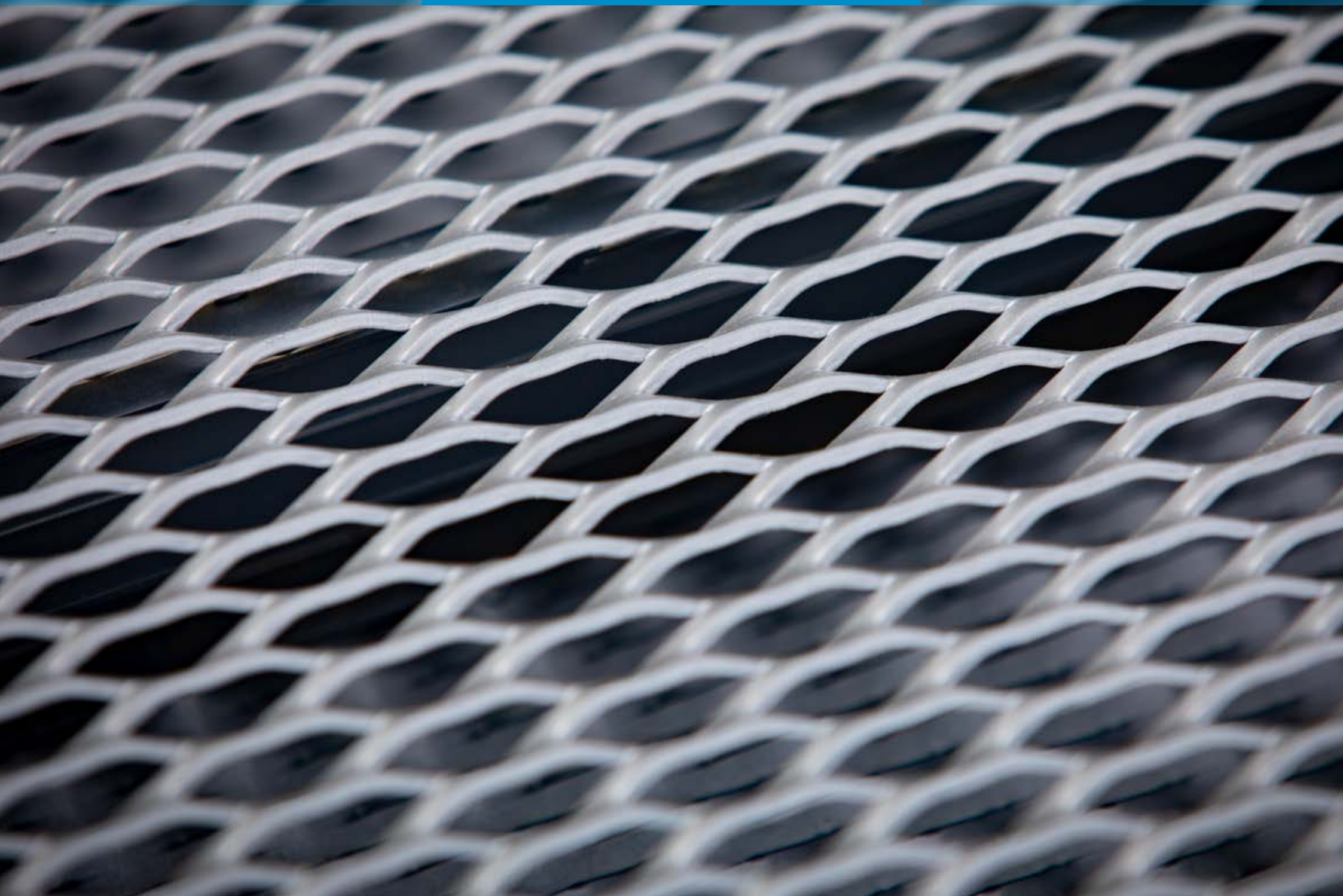




UNITISED/PANEL SECTION



EXPANDED MESH



EXPANDED MESH

Expanded Mesh from Genius Facades is a decorative mesh solution widely used on projects where ventilation is required.

We have a wide range of mesh patterns available and can offer either mill, powder coated or anodised finishes.

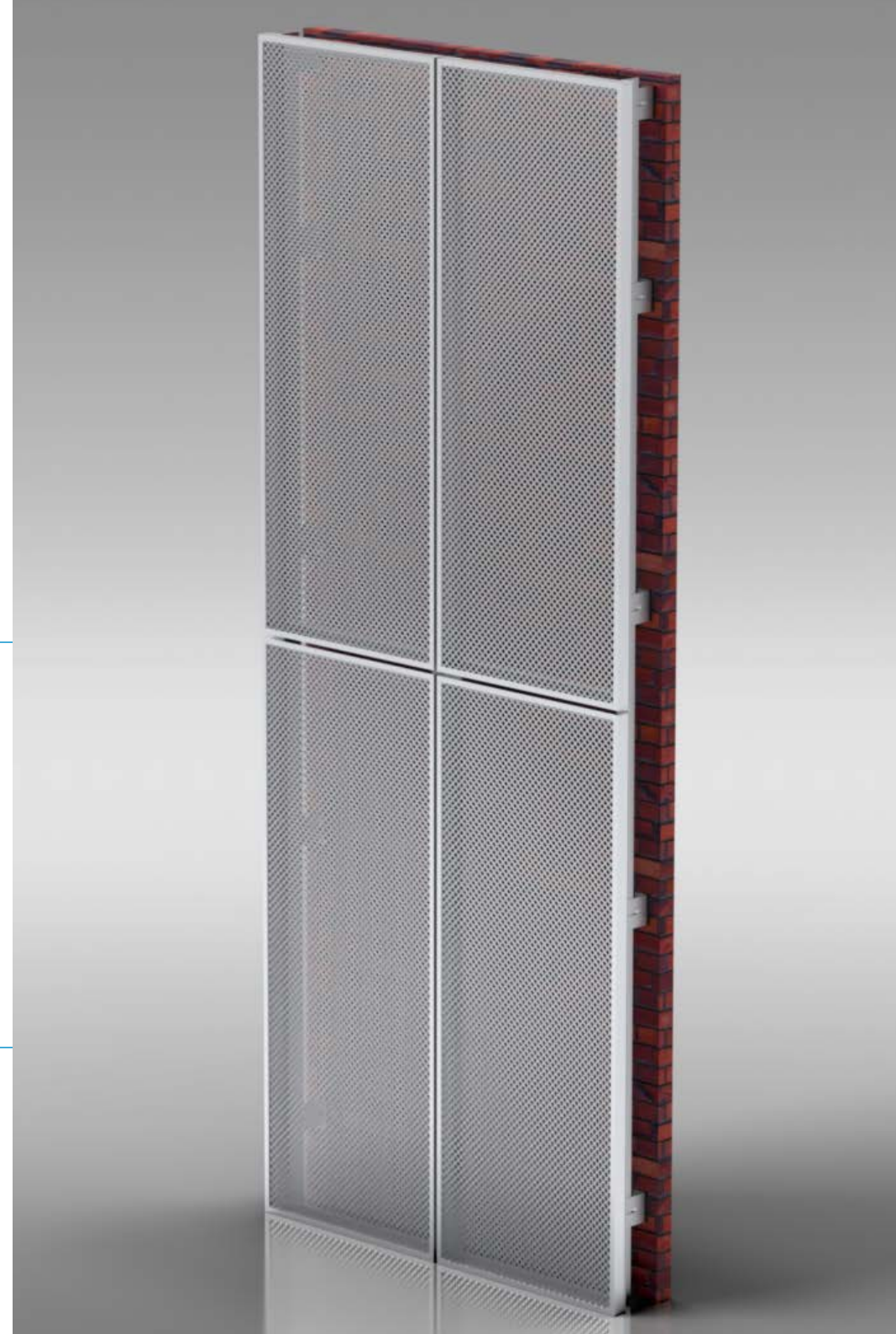
Genius Expanded Mesh offers the perfect solution for the technical application needs of modern architecture; especially where proven guarantees of safety and protection are required.

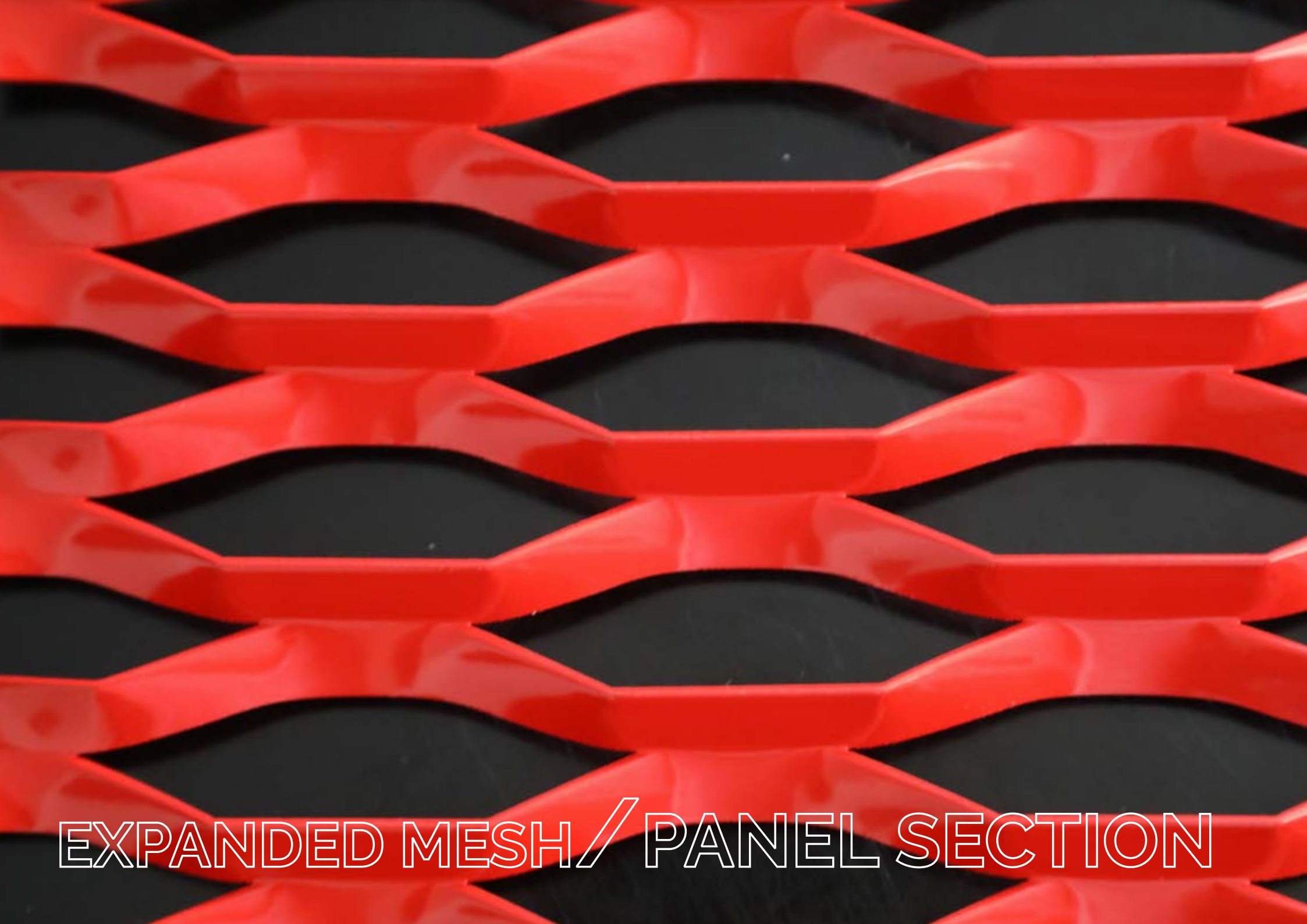
Key features

- A1 & A2 s1d0 Non-combustible
- Low environmental impact
- Bespoke and standard fixing grids
- New unique look
- Complex shapes
- Wide range of materials
- Variety of colours
- Recyclable

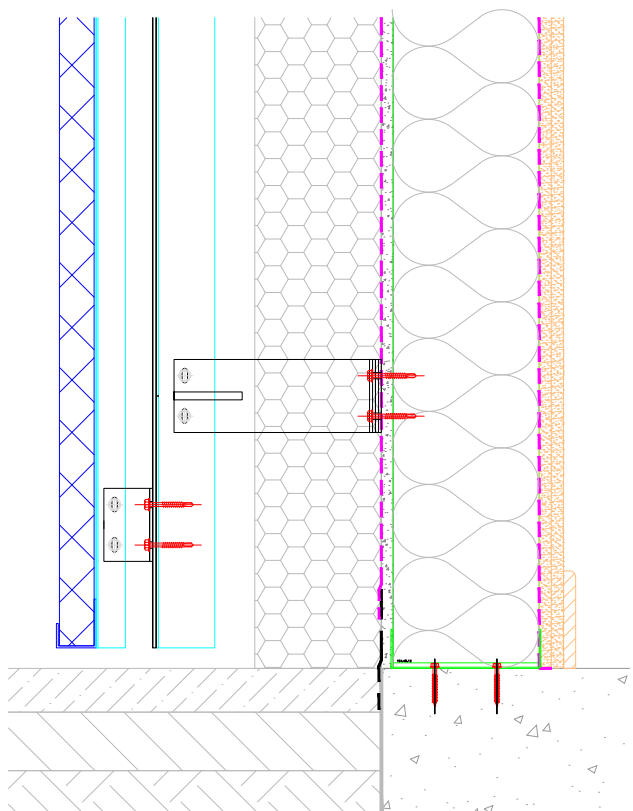


For more information, relevant case studies and technical specs, please use the QR code or visit: www.geniusfacades.com/expanded-mesh/





EXPANDED MESH / PANEL SECTION



SPANDREL PANEL

The Genius A1 Spandrel panel is one of the latest innovations from Genius Facades. The Spandrel panel has been specially designed for use in a range of curtain wall or window systems. This robust product is fully non-combustible, lightweight and easy to install.

Example Properties (based on Typical 28mm thickness)

Thermal - U-Value of 1.13 W/(m²K)

Weight – Circa 15kg/m²

Thickness – 28mm

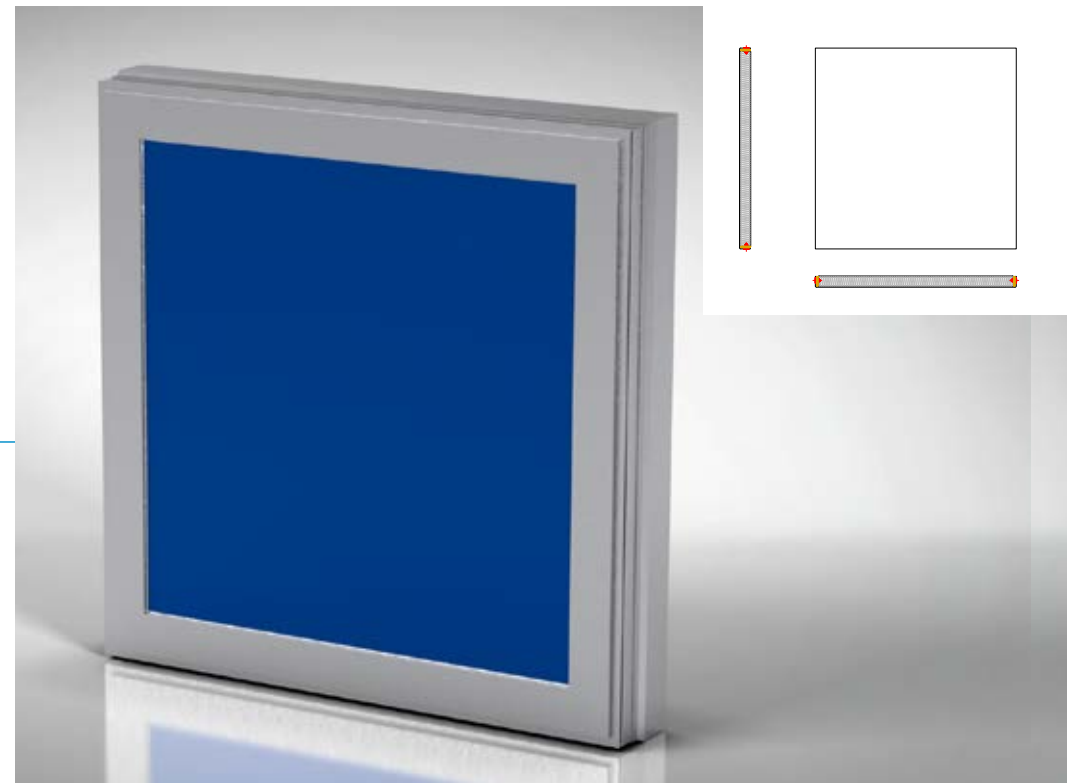
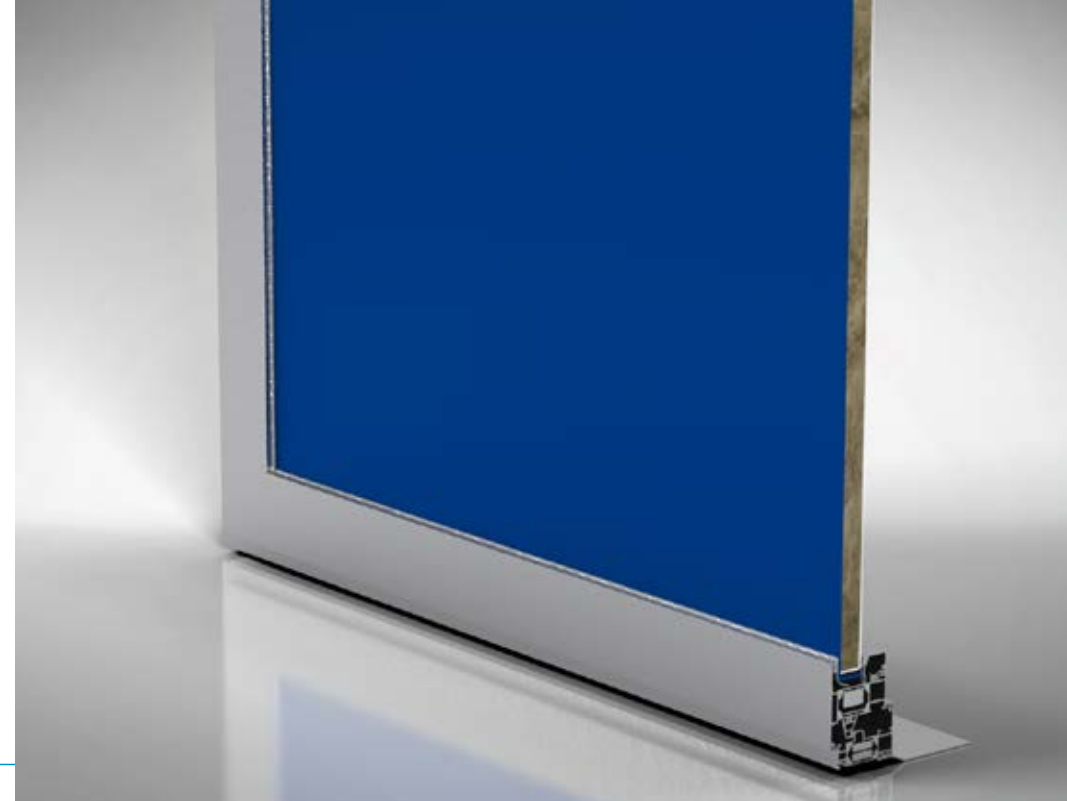
Above properties will vary depending on required thickness.

Key features

- A1 & A2 s1d0 Non-combustible
- Low environmental impact
- Lightweight
- Simple and easy to install
- Variety of colours
- Recyclable



For more information, relevant case studies and technical specs, please use the QR code or visit:
www.geniusfacades.com/spandrel-panel/





METAL ART & LAZER CUTTING

At Genius Facades bespoke imagery can be perforated or laser cut onto metal to create complex designs or simple patterns.

Any supplied image can be converted using the software at Genius to create anything from signage to bespoke images on the facade of a building.

Genius Metal Art can be applied to Prime, Secret, Discrete, Linear and Flat panels as well as bespoke fabrications.

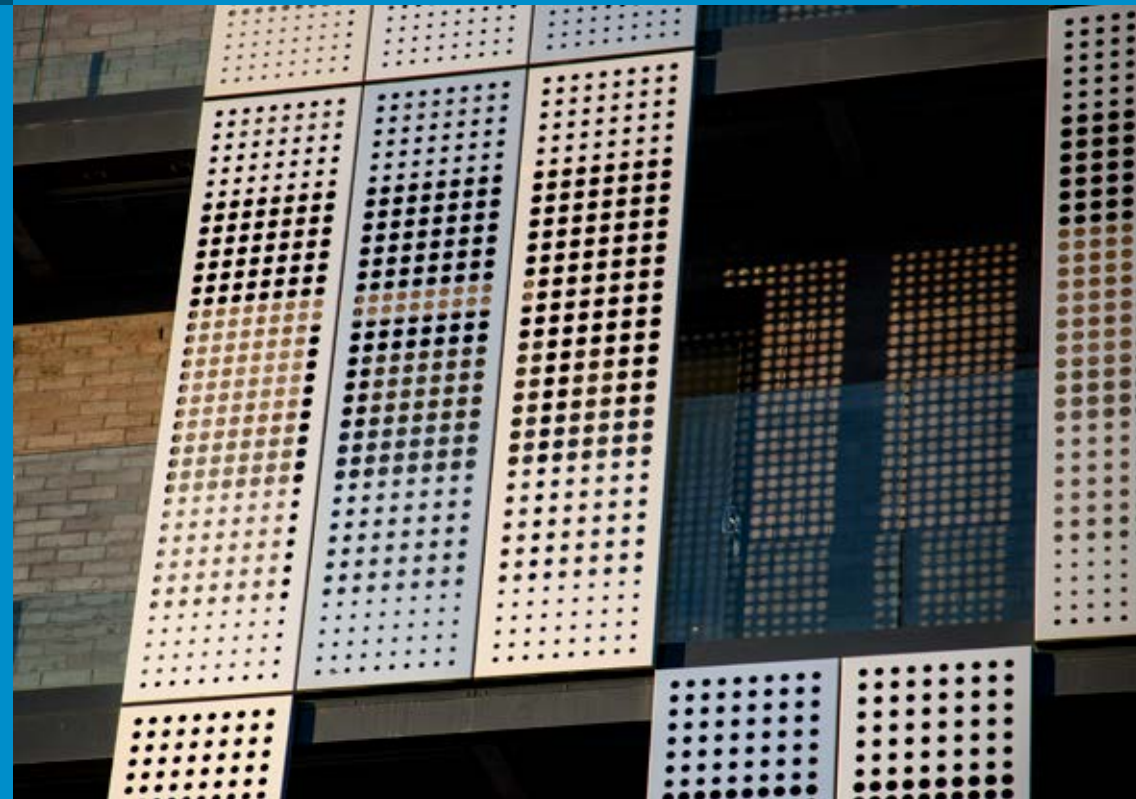
BE YOUR OWN GENIUS

with bespoke fabrication

In addition to our innovative range of non combustible cladding systems, we offer bespoke fabrication solutions for a wide range of articutural requirements.

The Genius technical design team will work together with the client to ensure all project requirements are completed to the highest standard.

BE YOUR OWN GENIUS with our bespoke fabrication solutions.





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 **GENIUS
FACADES**
QUALITY. **TESTED.** INNOVATION.