

STRYÜM[®]

Intelligent • Aluminium • Façade

STYLISH

DURABLE

VERSATILE

RECYCLABLE

LIGHTWEIGHT

AUSTRALIAN MADE

NON-COMBUSTIBLE (AS1530.1 - 1994)

INTELLIGENT INSTALLATION

STRYÜM®

Intelligent • Aluminium • Façade

SHADOW

SEAM

STEP

PLATE

WWW.STRYUM.COM



ABOUT STRYÜM

WHAT IS STRYÜM?

Stryüm intelligent aluminium façade is available in a range of high-quality plate aluminium façade panels, providing an attractive, modern, reliable alternative to other commercial cladding products on the market today. Stryüm products have been specifically designed by experienced commercial façade professionals to meet the demands of every sector of the international façade industry.

The highest quality characterizes each element of the Stryüm product range, from gorgeous aesthetics and an intelligent installation system to reliability, longevity, and a deep commitment to sustainability and the environment.

Through the use of only the finest raw materials and finish options, Stryüm intelligent aluminium façade achieves an unprecedented level of quality, reliability, and longevity. With an extensive range of colours, textures, and finish options, as well as availability in both standard and custom sizes, the Stryüm range provides clients with limitless aesthetic options for use in applications of any scale, and in any environment.

VENTILATED RAINSCREEN FACADE

Developed in Scandinavia in the 1960s as a way to combat harsh climatic conditions, the rainscreen façade principle is integral to the Stryüm system and its installation.

Rainscreen façade involves an outer building layer that deflects heat and moisture. A ventilated void facilitates air flow and drainage, thereby minimising environmental impact and creating a more thermally-regulated building interior.

Stryüm's interlocking aluminium panels are designed to be installed on a ventilated substructure in order to allow free circulation of air behind the panels themselves. This produces many inherent benefits, including

- Prevention of thermal bridging
- Dissipation of solar gain
- Reduction of thermal movement within the structure
- Prevention of internal condensation and mould growth
- Creation of a more thermally-regulated interior
- Resistance to moisture and humidity
- Evolutionary allowance for water drainage

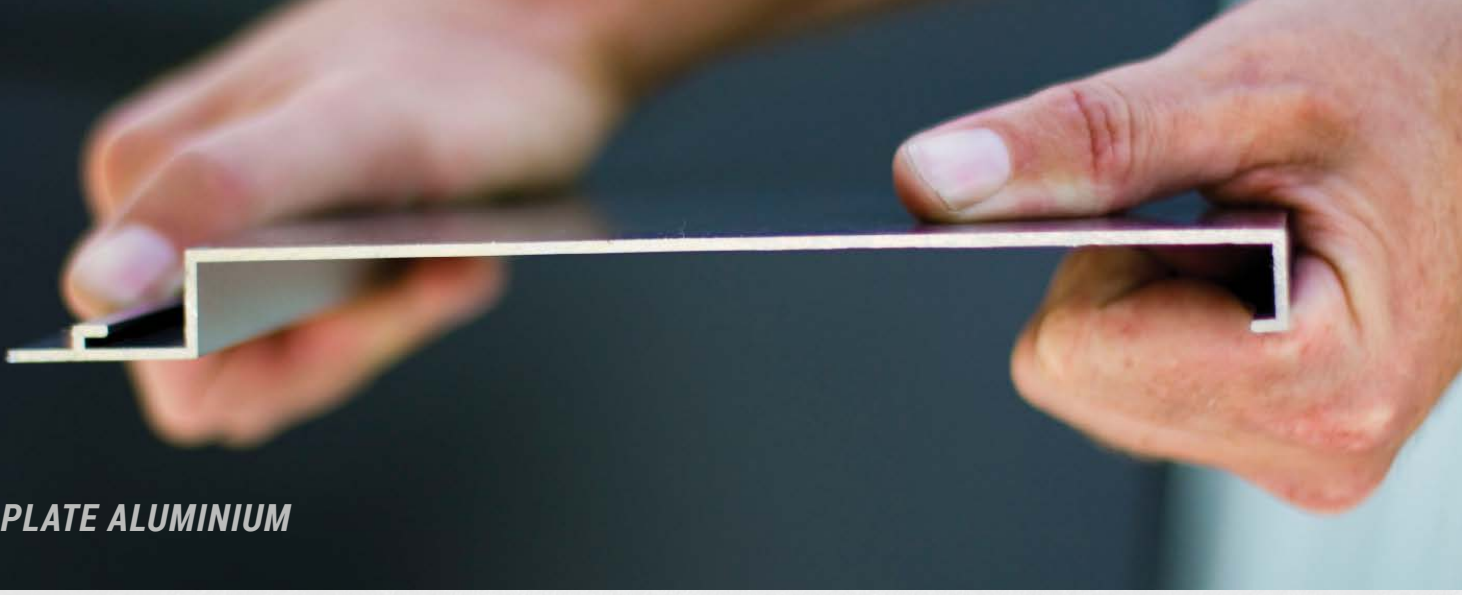


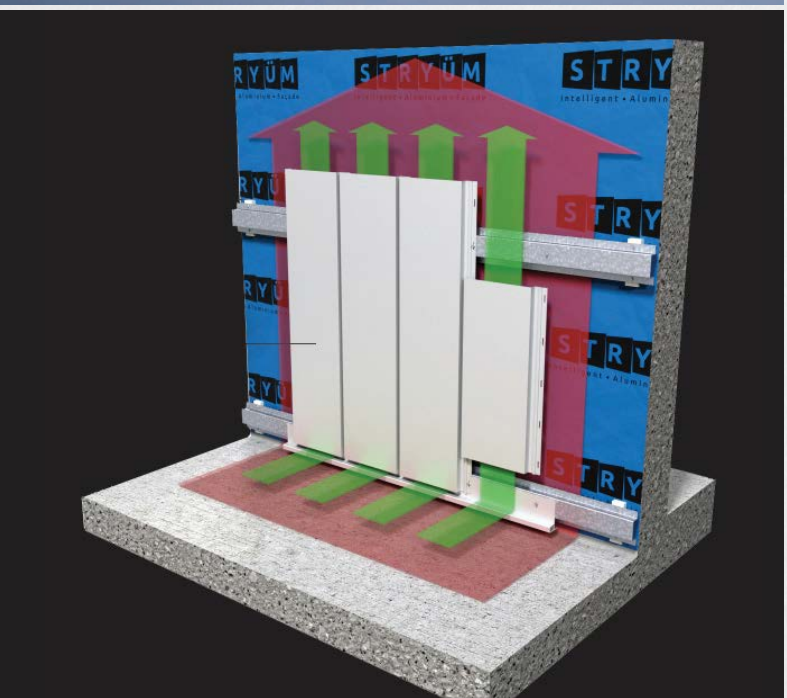
PLATE ALUMINIUM



QUALITY



RAINSCREEN



VENTILATED FACADE

- A. Stryum Panel System
- B. Packing as Required
- Airflow Between Top Hat and Building Substructure
- Airflow Between Panel System and Top Hats

BENEFITS

QUALITY

When designing the Stryüm range, our team employed only materials and manufacturing techniques of the highest possible calibre. Our exclusive raw aluminium material and unique anodising and powder-coating processes make for a product renowned worldwide for its uncompromising quality.

MINIMAL FABRICATION

Stryüm intelligent design functions as an all-in-one panel and installation system. Panels can be ordered to custom sizes and lengths, minimising the necessity for prefabrication and allowing the consumer to save time and energy whilst boosting reliability.

NON – COMBUSTIBLE

All Stryüm products are made of 100% plate aluminium. These are core metals, and are totally non-combustible. Architects, engineers, and tenants can be assured that Stryüm panels will neither burn nor contribute to the spread of fire.

RELIABILITY

Stryüm's intelligent design eliminates the need for external sealants, which can be prone to rapid corrosion and degradation.

In addition, our intelligent installation system reduces the amount of materials and the number of processes required during fabrication and installation.

As a result, we produce fewer components with the potential to break, fault, or corrode. This makes Stryüm one of the most reliable façade systems on the market today.

AESTHETICS

Our current range of Stryüm Products – **Shadow, Step, Seam and Plate** – offers four distinct choices, each with its own unique aesthetic. Whether you're looking for a classic shadow line, a sharp step feature, or a bold standing seam for vertical or horizontal application, Stryüm is your modern and functional aesthetic solution. Available in both standard and custom sizes, in any anodised colour or powder-coat finish, Stryüm intelligent aluminium façade offers truly limitless options.

VERSATILITY

Because of our intelligent installation system and the range of finish options and application methods available, Stryüm is incredibly versatile. Our products can be used for both interior and exterior applications in any commercial or residential capacity.

In the context of large-scale commercial façades, residential cladding, or fit-out features, Stryüm is the all-purpose, versatile façade material of choice.

PRE-FINISH

The entire Stryüm panel range is pre-finished, eliminating the need for painting or post-finishing of our products.

MAINTENANCE

Because of our simple and intelligent design, routine maintenance of Stryüm becomes a straightforward process, ensuring the beauty and longevity of your façade for many years to come.

SUSTAINABILITY

Stryüm is a 100% recyclable product. Significant energy and materials are saved in all aspects of manufacturing, installation, and recycling.

WARRANTIES

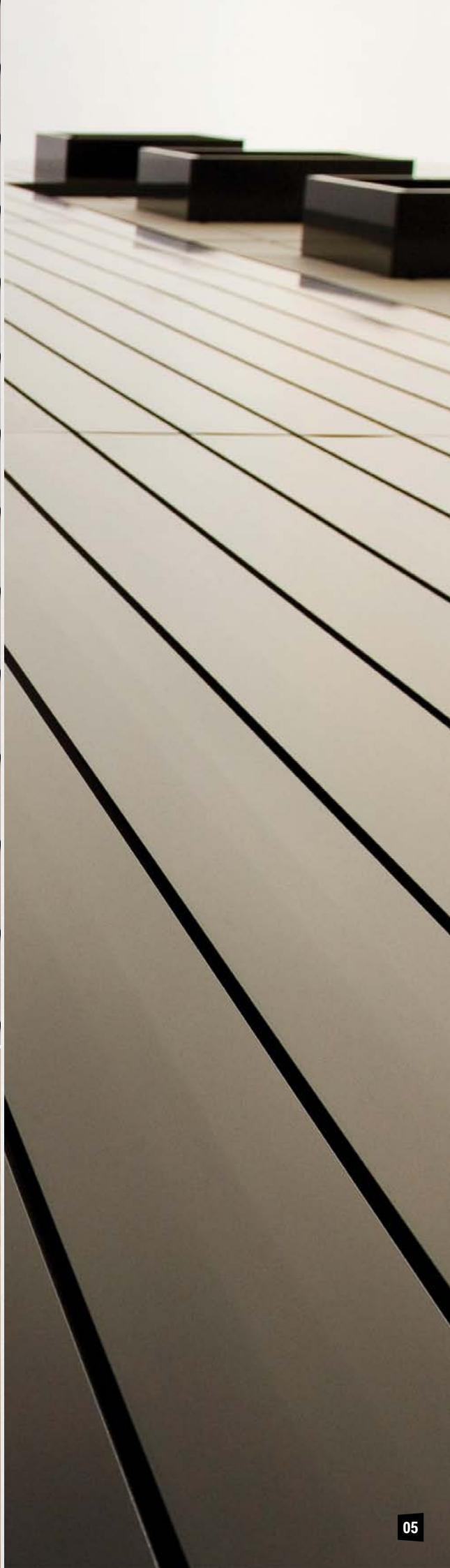
The 25-year Stryüm product warranty is one of the most enduring and reliable on the market today.

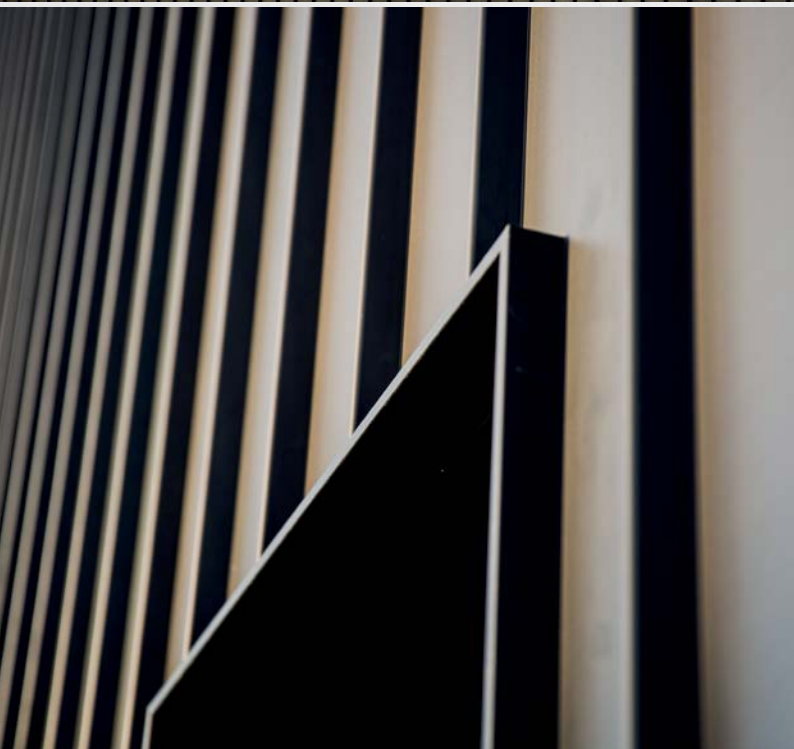
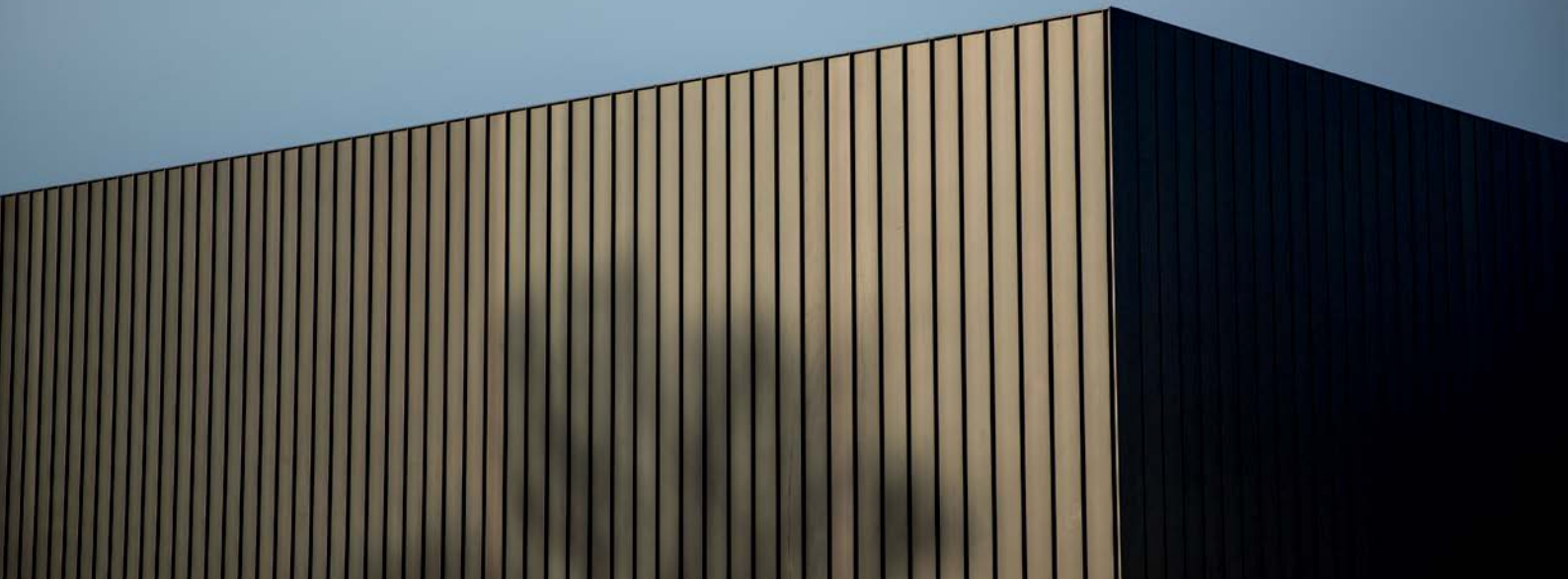
AUSTRALIAN-MADE

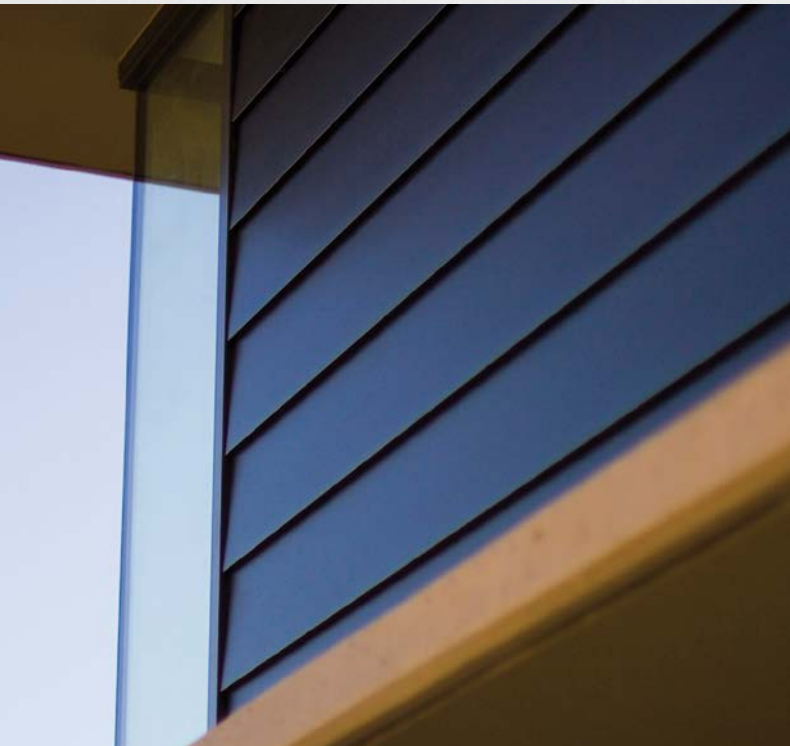
Stryüm is a 100% Australian-owned, designed, and manufactured product that supports all aspects of the Australian economy.

LIGHTWEIGHT

Aluminium is one of the world's lightest metals, rendering the entire production and installation process trouble-free and uncomplicated.





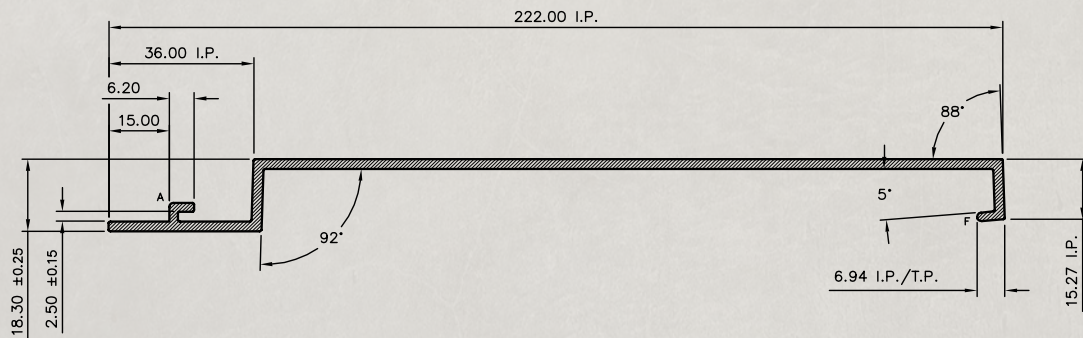


PRODUCTS

SHADOW

Shadow's brilliance lies in its simplicity. Across the installation process, from sustainability to finish options, Shadow makes simple special.

For use in façades of any scale or in any environment, applied horizontally or vertically, Shadow will bring an enduring and sophisticated flat-finish aesthetic with clean shadow lines, guaranteed to stand the test of time.



Monument
 Powdercoated

CLEAN
CLASSIC
SOPHISTICATED

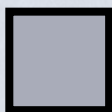
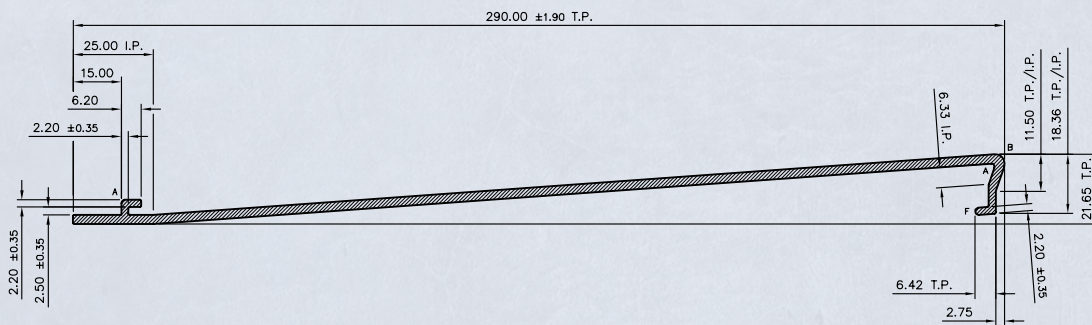
*A flat finish profile with
timeless shadowline joins*

PRODUCTS

STEP

Step's design is characterized by a stepped façade appearance. Panels cascade over one another across its surface, adding a sharp, dynamic edge to any façade.

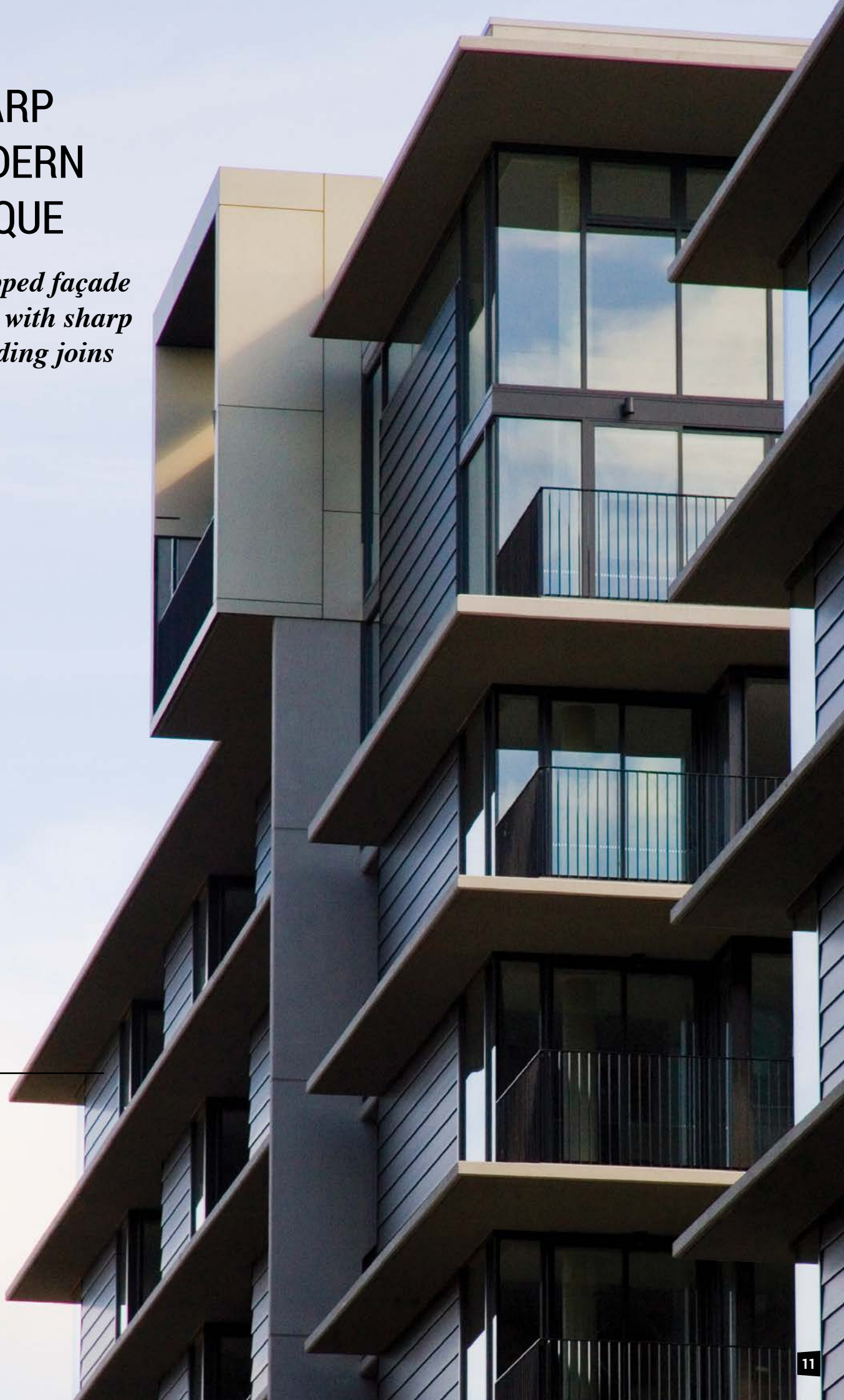
As in all Stryüm products, our intelligent installation system plays an integral role. Available in standard and custom sizes, in an unlimited range of anodised and powder-coated finishes, Step provides clients with a sustainable and versatile option for façades of any scale.



Silver
 Anodised

SHARP
MODERN
UNIQUE

*A stepped façade
finish with sharp
cascading joins*

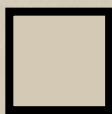
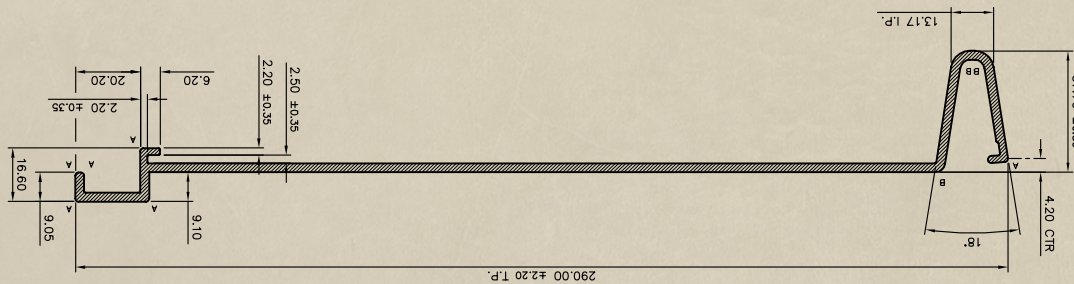


PRODUCTS

SEAM

Seam is the newest design in Stryüm's intelligent aluminium façade range. Bold and unrestrained, with a standing seam prominent above the façade, Seam responds organically to the environment, casting shifting shadows as light conditions change.

Our intelligent installation system is integrated into the Seam profile, providing functionality with a cutting-edge, vibrant aesthetic.



Champagne
 Powdercoated

**BOLD
VIBRANT
CONFIDENT**

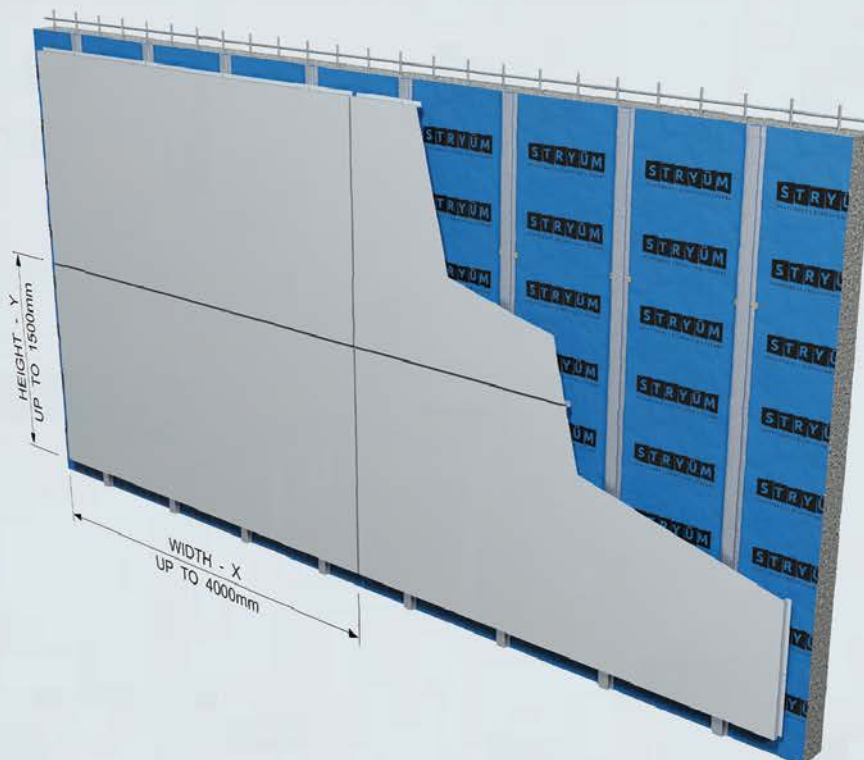
*Bold standing seams
which cast shadows
across a facade*

PRODUCTS

PLATE

Plate is a light weight, high intensity, non-combustible aluminium panel designed to stylishly envelope any commercial structure or be that flush and streamlined finish in a large interior space.

Available in array of colours, Plate is Stryüm's latest addition to our growing product range. Plate is extremely versatile, and can be formed into complicated shapes such as a sphere or tower, and has a superior UV resistance with a guarantee of up to 25 years.





FORMABLE
SAFE
CREATIVE

*A non-combustible
showstopper, that
is both light weight
and formable.*

FINISH OPTIONS

APPLICATION DIRECTION

The first of Stryüm's finish options is the direction in which the panels are applied. The Stryüm intelligent installation system incorporates the ability to apply panels to a façade in vertical or horizontal fashion with equal ease. If a client is looking to accentuate the height of a tall feature wall, they may choose a vertical application of Stryüm Seam. Conversely, if primary importance lies in cleanly matching the lines of slab edges or other fixtures, an architect may choose to apply Stryüm Step in a horizontal fashion. To make an even bolder and more unique statement, panels may be applied at an angle across the face of a building, bringing unusual innovation and individuality to any façade.

ANODISING

Anodising is an electrochemical process involving controlled oxidation of the aluminium product, providing a harder, more environmentally resilient surface. Stryüm anodised finishes are available in a wide variety of clear, coloured, and metallic dyes. Chosen colours can then undergo other aesthetic-driven mechanical processes to provide brushed, satin, blasted, buffed, or bright/dipped finishes. This unlimited versatility provides Stryüm customers with a plethora of options to suit any appearance or application requirement while retaining the unparalleled environmental resistance of anodised products.

POWDER-COATING

Powder-coating is a process by which electrically charged paint particles are sprayed onto Stryüm's aluminium surface. The aluminium is then baked in a specialised oven to produce a highly durable, flat, powder-coated finish. Stryüm finish options include both standard and high-durability powder-coating in the full Dulux and Akzo Nobel powder-coating ranges. All standard and custom colours are available in a variety of gloss levels, metallic shades, and textures. Consequently, Stryüm customers have access to an almost limitless choice of powder-coated finish options, capable of suiting any architectural application and environment.

WOOD GRAIN

Wood-grain finish is now a common aesthetic applied to exterior façades and cladding. Wood-grain effects allow industrial products to become a part of their natural surroundings by adopting the appearance of a natural material. Stryüm panels are now available in a multitude of wood-grain finishes. Essentially, Stryüm wood-grain finishes are a powder-coated product, holding the same durable and resilient qualities as their flat colour counterparts, but providing an utterly unique and natural look and texture that easily compliments the natural environment.



HORIZONTAL



VERTICAL



ANODISED



POWDERCOATED



WOODGRAIN

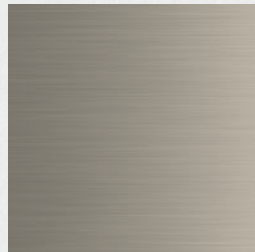
ANODISED COLOURS

Stryüm is available in the following anodised colour range.
 For further details or to request a sample, please contact our helpdesk

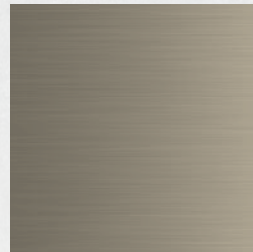
Standard



Original C1



Champagne T60



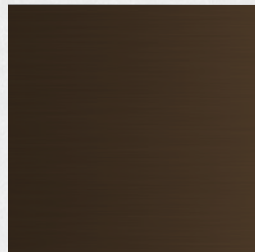
Chardonnay T70



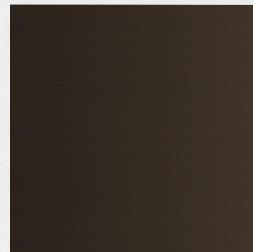
Bourbon T50



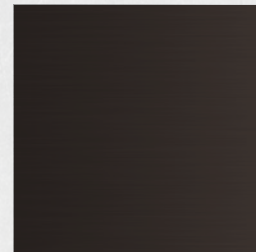
Coffee T44



Chocolate T37



Cocoa T33

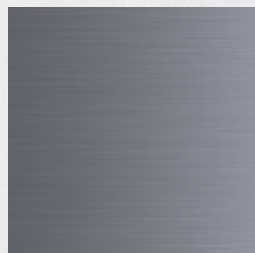


Ashen T29

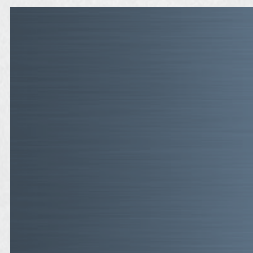
Non-Standard



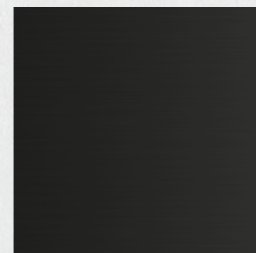
Bondi B1



Byron B2



Hudson B3



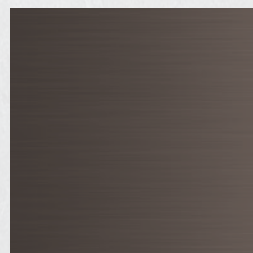
Charcoal T25



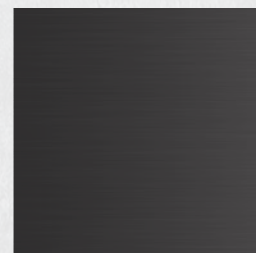
Smoke G1



Iron G2



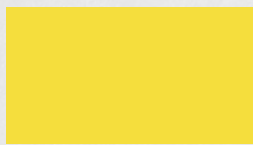
Pepper G3



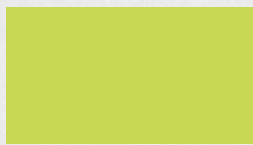
Battleship G4

POWDER-COATED COLOURS

Stryüm is available in the following powder-coated colour finishes. We can also custom colour match on request. For further details or to request a sample, please contact our helpdesk



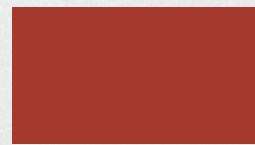
Brilliant Yellow



Lykra Strip



Sensation



Lobster



Viper Green



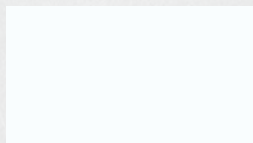
Shamrock Green



Bondi Blue



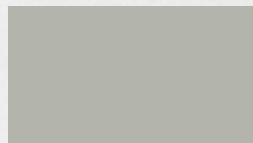
Jaybird



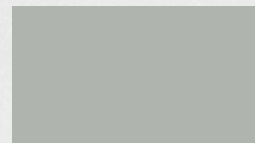
Pearl White



Citi® Pearl



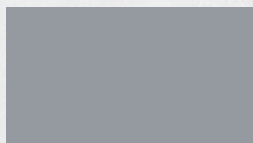
Champagne Pearl



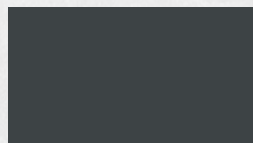
Anodic Natural



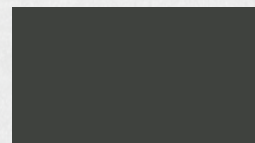
Précis™ Natural Shimmer



Eternal Silver



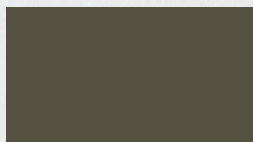
Charcoal



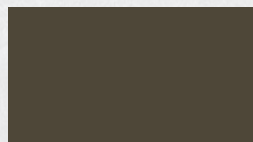
Charcoal Pearl



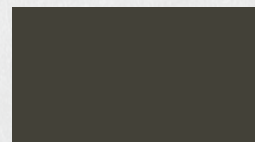
Précis™ Pure Gold



Sablé Medium Bronze



Bronze Pearl



Précis™ Dark Bronze



French Champagne



Sable Brilliance



Titanium Pearl



Asteroid Pearl



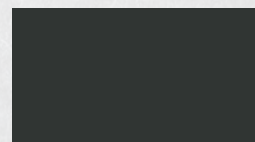
Sable Bass



Ebony



Monument



Précis™ Black Ink

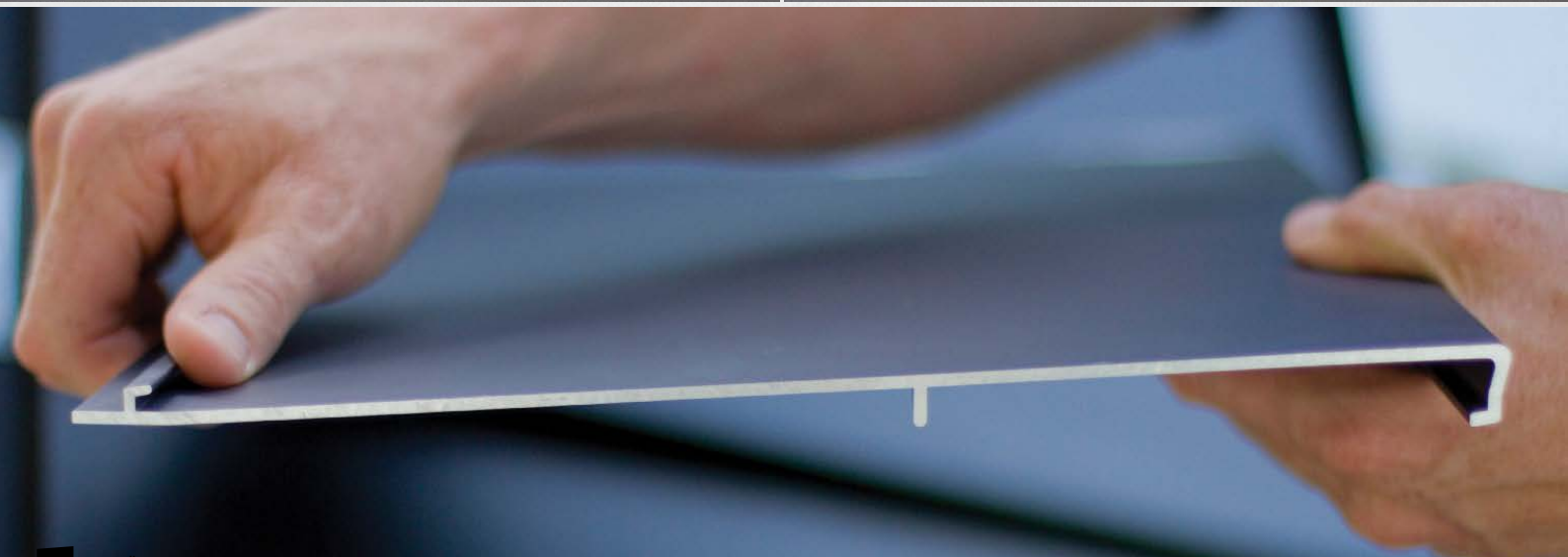
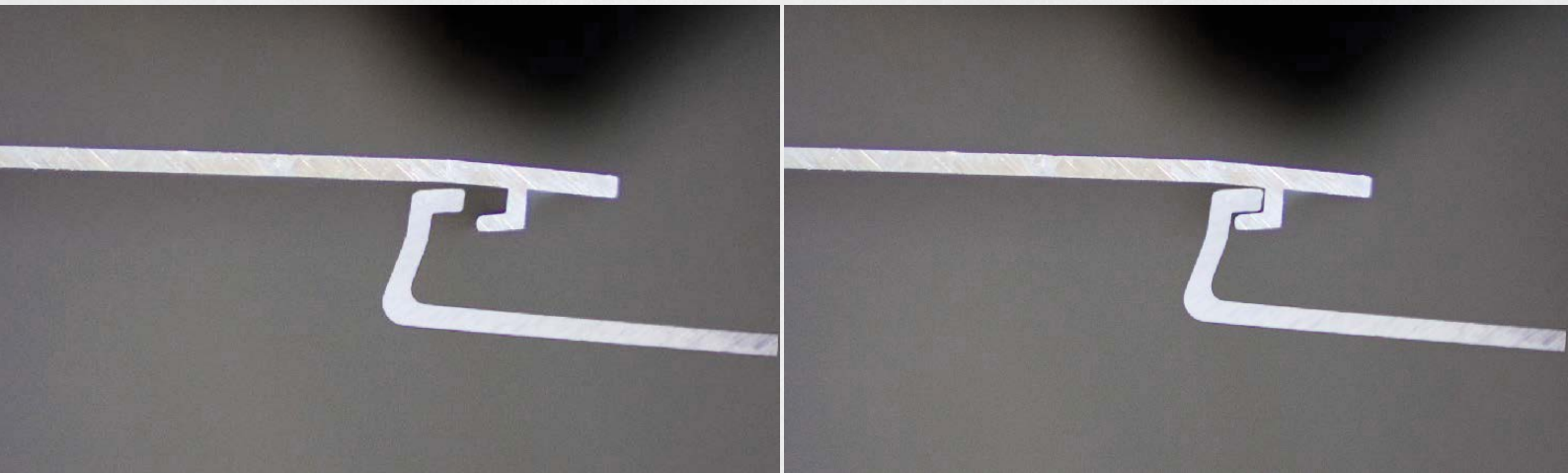
INSTALLATION

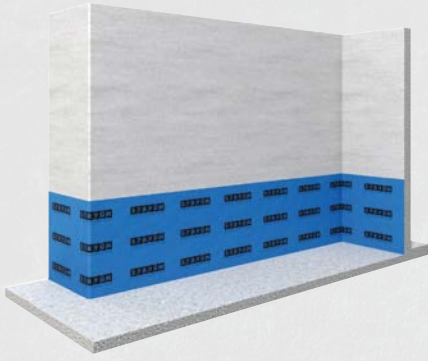
INTELLIGENT INSTALLATION

Stryüm plate aluminium façade panels have been designed by a team of dedicated engineers and commercial façade installation professionals. Applying the rainscreen principle, the Stryüm system is installed over a weatherproof substructure with air flow, drainage, and ventilation occurring beneath the façade.

Stryüm's panels employ a simple tab-and-hook mechanism that allows each panel to interlock with pre-loaded strength. Stryüm panels then overlap one another, concealing all fixtures and implementing a more modern and dynamic aesthetic. The Stryüm system has been designed to eliminate the need for external sealants, making installation faster while reducing labour and material costs.

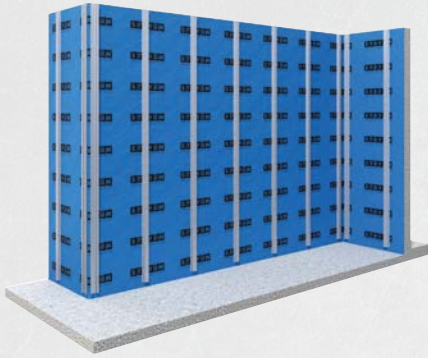
The Stryüm system also incorporates a specially-designed selection of trims, allowing every architectural detail to be met with an effective and aesthetically-pleasing solution.





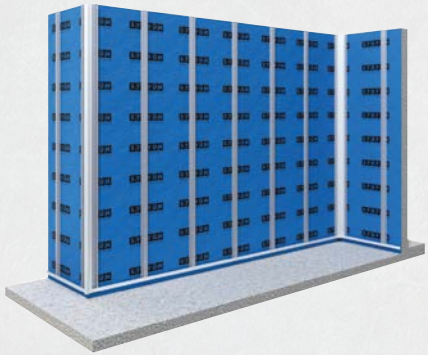
1

Install vapour barrier/ weatherproof building envelope. It is essential that this layer is waterproof and acts as a primary seal.



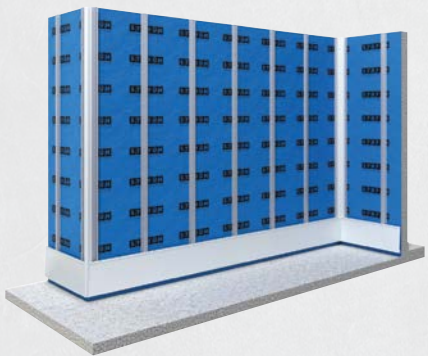
2

Install plumb subframe at a minimum of 600mm centres.



3

Install Stryüm starter extrusions and other Stryüm trims.



4

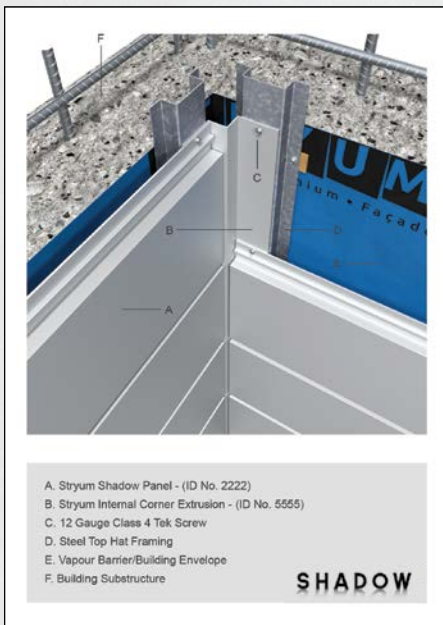
Install Stryüm base panel by hooking the panel's bottom tab into the starter hook. Then move Stryüm panel into place so top tab is against the subframe and fix to subframe using steel tek screws.



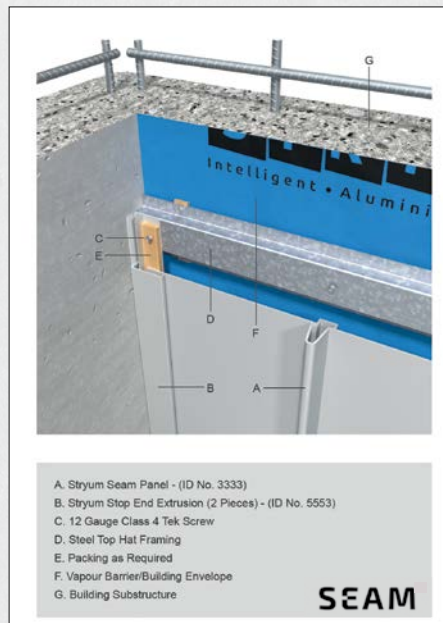
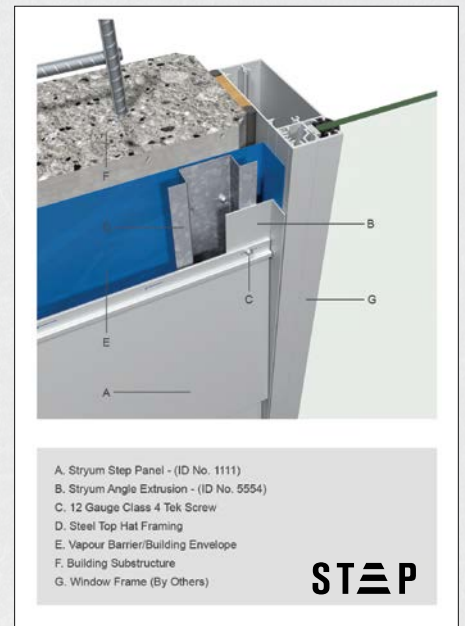
5

Install remainder of the Stryüm façade by hooking the new panel's bottom Tab into the previous panel's top hook, moving into place, then fixing to the subframe.

BASIC ARCHITECTURAL DETAILS



BASIC ARCHITECTURAL DETAILS





CHALLENGES
FACED
BY
FACADE
ARCHITECTS
INSPIRE
CREATIVE
SOLUTIONS
BY
FACADE
PROFESSIONALS



FOR MORE INFORMATION

For more information about the Stryüm system - visit our website at www.stryum.com.

WWW.STRYUM.COM or 1800 007 175

You'll find resources detailing:

- All architectural details
- Finishing options and colour swatches
- Stryüm technical data
- Stryüm maintenance info
- Warranty information
- Sustainability information
- Contact information

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You can order Stryüm samples online at www.stryum.com

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