



BAILEY. RAINSCREEN CLADDING.

Bespoke secret fix Rainscreen Cladding Systems
available in a range of materials and finishes

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BAILEY[®]
TOTAL BUILDING ENVELOPE

CREATE STRIKING, INSPIRING BUILDINGS

A HIGH-PERFORMANCE FAÇADE SYSTEM, BAILEY RAINSCREEN CLADDING SYSTEMS ARE PERFECT FOR WHEN YOU NEED ULTIMATE DESIGN FLEXIBILITY.

Designed to work with the elements of nature to protect the structure of a building from the wind and rain, correctly specified, Bailey Rainscreen Cladding provides insulating properties while controlling water, wind and fire.

The primary driver for a rainscreen cladding system is usually down to the visual impact of the building. But the desire for aesthetics has to be combined with performance; weatherproofing the building and contributing to its overall thermal performance.

Our bespoke secret fix Rainscreen Cladding Systems give you true design flexibility thanks to our wide range of materials, finishes and colours – all manufactured to the highest quality and delivered alongside unbeatable technical support.

YOU DESIGN, WE DELIVER. NO LIMITS.



**BAILEY RAINSCREEN
CLADDING SYSTEMS
PROVIDE A BESPOKE
SOLUTION TO YOUR PROJECT
WITH SUPPORT FROM
DESIGN AND SPECIFICATION
TO DELIVERY OF YOUR DESIGN.**

WHY SPECIFY A BAILEY RAINSCREEN CLADDING SYSTEM?

- DESIGN VERSATILITY WITH STRUCTURAL DESIGNED FRAMING AND FIXING SYSTEMS
- ADAPTABLE STANDARD RANGE AND BESPOKE SOLUTIONS AVAILABLE
- OPTION OF ENTIRELY SECRET FIX SYSTEM
- SUITABLE FOR NEW BUILD OR REFURBISHMENT APPLICATIONS
- LIGHTWEIGHT, EASY TO INSTALL SYSTEM
- LOW MAINTENANCE AND DURABLE FAÇADE SOLUTION
- LOW WHOLE BUILDING LIFECYCLE COSTS
- THERMALLY ISOLATED CONTACT POINTS BACK TO THE PRIMARY STRUCTURE
- SUPPORT SYSTEM CAN ACCOMMODATE HIGH LEVELS OF INSULATION
- EXTENSIVE RANGE OF MATERIALS AND FINISHES
- COMPLEMENTARY FULLY-FABRICATED EAVES SYSTEMS
- IN-HOUSE DESIGN SUPPORT AND TECHNICAL ADVICE CENTRE



WIDE RANGE

Our external façade options range from simple recessed fix metal trays through to more complex and bespoke systems. Pressed metal panels are available as fully secret fix systems, utilising either cassette or hook-on type joint details.

There are three main types of rainscreen cladding: Vented, Drained and Vented and Pressure Equalised. Each system is better suited to different applications and our expert team will advise accordingly.

NEW BUILD OR REFURB

Renowned for attention to detail and market-leading quality, Our Rainscreen Cladding Systems are increasingly used on prestigious new build projects where long-term performance and the aesthetics of the building façade are of paramount importance.

In addition, for refurbishment projects Bailey Rainscreen Cladding can be used as an overcladding solution.

TECHNICAL EXPERTISE

**OUR EXPERTS
WILL WORK
ALONGSIDE YOU
FROM DESIGN
TO DELIVERY
TO SUPPLY
THE PERFECT
SOLUTION.**

HOWEVER VAST OR GEOMETRICALLY COMPLEX THE PROJECT, THE EXPERTS HERE AT BAILEY WILL WORK ALONGSIDE YOU TO DESIGN, MANUFACTURE AND SUPPLY THE PERFECT SOLUTION.

With over 40 years' experience and technical expertise, you can trust us to offer the best possible support and advice throughout your project. Our team has in-depth and up to date knowledge on all elements of the building envelope, including digital construction and BIM, building regulations, efficient installation, design and specification.

COLLABORATION IS KEY

Our commitment to providing a first class service starts with a technical appraisal of your project requirements, and extends through to delivery of high quality products, installation and aftercare. Every stage is backed by our commitment to complete customer satisfaction.

Marry function and style with the help of our experts. We can advise on complex detailing and shapes, thermal performance, and specification writing, as well as providing large detailed samples.



STUNNING DESIGN HIGH PERFORMANCE

ACHIEVE REAL DESIGN IMPACT, WHILE RELYING ON OUR RAINSCREEN CLADDING SYSTEMS TO PROVIDE A HIGH PERFORMANCE, LOW MAINTENANCE, SUSTAINABLE, EXTERNALLY VENTILATED 'COLD' FAÇADE.

WE CAN TURN ANY REQUIREMENT OR DESIGN INTO REALITY. INCLUDED IN OUR RAINSCREEN CLADDING SYSTEMS RANGE ARE UNIQUE PROFILES AND EFFECTS TO HELP THE ARCHITECT DESIGN WITHOUT LIMITS.

Whether it's perforated panels, or our new range of wave and corrugated profiles, we are able to offer advice on wind loading, cavity breaks, thermal performance and the interfaces between the roof, eaves and façade systems, so you can achieve the design you want without the hassle.

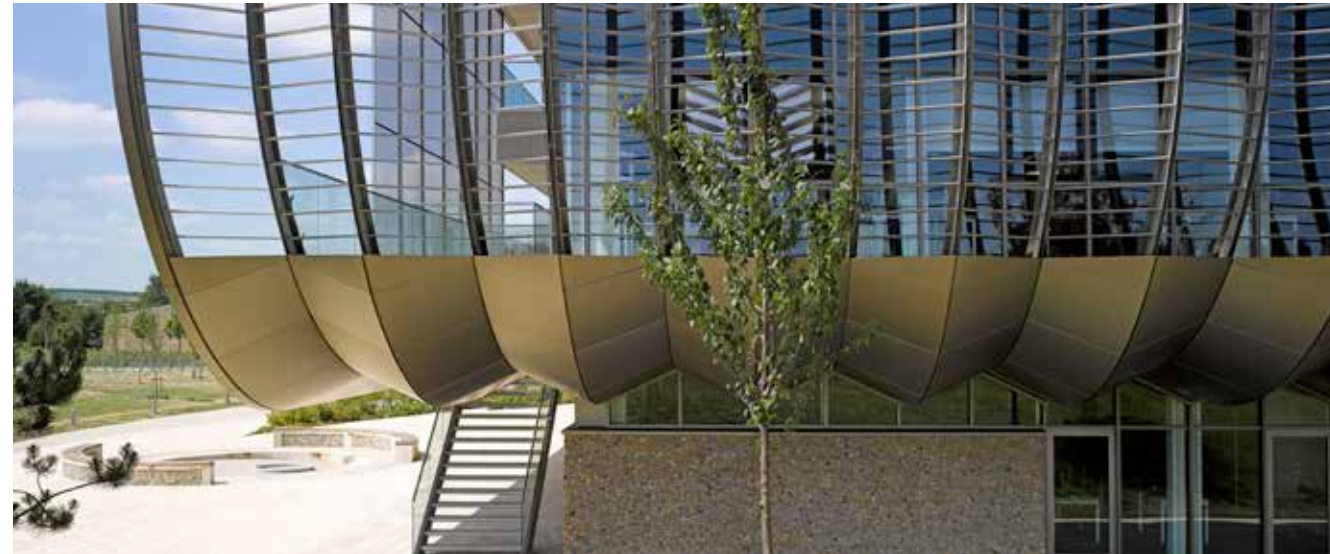
BAILEY RAINSCREEN CLADDING SYSTEMS' DESIGN OPTIONS INCLUDE:

- A wide range of flat, convex, concave, surf, crest, wave and corrugated profiles, available in a variety of horizontal and vertical joint arrangements, our Rainscreen Cladding panels allow vision to become reality
- Curved facades and over-cladded wall systems can be achieved, ensuring any specification criteria can be met
- Panel designs easily integrate with other building elements such as louvres, windows, doors and atriums to create a complete building façade
- Panels can be shaped and curved to create unique details for capping, copings, bullnoses and fascias
- System can be fixed to any primary construction providing it is a rigid structure
- Fully adjustable support system and range of accessories available, including parapet copings, cill flashings, and head and jamb abutments with windows and doors.



MATERIALS

**BAILEY
RAINSCREEN
CLADDING
SYSTEMS ARE
AVAILABLE IN
A WIDE RANGE
OF MATERIALS.**



ALUMINIUM

Excellent strength-to-weight ratio and resistance to corrosion make it ideal for external building components. The high grade of aluminium we use in our manufacturing process gives the economic benefits of low maintenance, longevity and material value at the end of a building's life. We recommend that aluminium panels receive a protective powder coat or anodised coating to maintain a long lasting aesthetic appearance.

CORTEN STEEL

Exhibits increased resistance to atmospheric corrosion compared to unalloyed steels. The layer protecting the surface develops and regenerates continuously when subjected to the influence of the weather. Its resistance to corrosion means it can be supplied in numerous architectural formats; as solid, expanded mesh or perforated panels.

STAINLESS STEEL

Wide range of different finishes available, including matt, polished, perforated, embossed and coloured options. The stainless steel we use is renowned for its excellent corrosion resistance, workability and a contemporary look.

PLATINUM FUSION

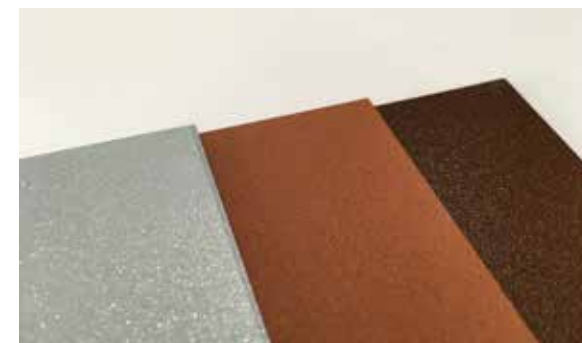
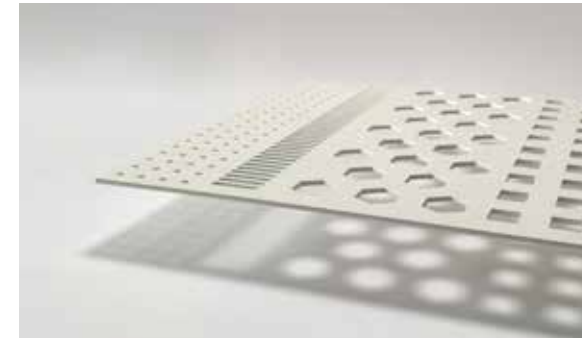
Utilises the latest aerospace technology to create an extremely flat, robust and versatile product, available in most desired materials and finishes, that enables fully-fabricated curved or complicated corners, junctions, etc. to be matched to straight and flat areas – the only product on the market that can achieve this very difficult combination.

ZINC

Increasingly popular due to its long, maintenance-free life and adaptability to various design styles ranging from traditional to modern. We use high grade zinc material that requires little maintenance over its service life. Because the metal is uncoated, there is no possibility of the fading, chipping or peeling.

FINISHES

IT'S THE FINISHING THAT ADDS THE REAL WOW FACTOR TO A BUILDING. BECAUSE OF THIS, WE HAVE DEVELOPED A WIDE RANGE OF FINISHING OPTIONS, WHICH ARE AVAILABLE FOR ANY SYSTEM YOU SPECIFY.



OUR RAINSCREEN CLADDING SYSTEMS CREATE A BLANK CANVAS FOR THE SPECIFIER TO DEVELOP AN AESTHETICALLY PLEASING FAÇADE, WHILE STILL PROVIDING LONG TERM PERFORMANCE. WHATEVER THE COLOUR OR FINISH, WE HAVE THE BESPOKE OPTION TO SUIT.

ANODISING

Available in 40 different colours.

POLYESTER POWDER COATING (PPC)

Available in a standard range of over 200 RAL colours, including gloss, satin and matt finishes and an in-house range of special colours. Metallic finishes, anodised effect and textured coatings are also available.

PERFORATIONS AND EMBOSSING

We have the expertise to tailor three-dimensional patterns and punching effects on your eaves and façades systems for a unique and striking finish. 3D cladding is becoming ever more popular, enabling never before possible shapes and patterns. Panels be designed to step in and out to create a 3D effect.

SPECIALIST TEXTURED

A range of unique anodised and textured finishes to provide the very latest in architectural design.

OUR RANGE OF PROFILES, FINISHES, METALS AND CONFIGURATIONS ARE NUMEROUS AND BESPOKE TO EACH CUSTOMER. CONTACT US TODAY TO DISCUSS YOUR REQUIREMENTS.

MATERIAL / FINISH OPTIONS

		JOINTTYPE					MATERIAL					FINISH SELECTION						
		CASSETTE / FOUR SIDED	CASSETTE / INTERLOCKER	HOOK ON	RECESSED	BONDED	SECRET FIX	ALUMINIUM	STAINLESS STEEL	CORETEN	COPPER	BRASS	OTHER	PPC	ANODISED	SELF FINISH (DEPENDING ON BASE MATERIAL)	PERFORATION	EMBOSSING
PLATINUM	MODULAR	●					●	●	●	●	●	●	●	●	●	●	●	●
	LINEAR		●				●	●	●	●	●	●	●	●	●	●	●	●
	FUSION	●					●	●	●	●	●	●	●	●				
PRIMA	PRIMA			●			●	●	●	●	●	●	●	●	●	●	●	●
SYNERGY	SYNERGY		●				●	●	●	●	●	●	●	●	●	●	●	●
ZENITH	BONDED					●										●		
	FACE FIX															●		
SUMMIT	VEE					●	●						●	●				
	WAVE					●	●						●	●				
	CREST					●	●						●	●				
	SURF					●	●						●	●				
	SQUARE					●	●						●	●				



FOR MORE INFORMATION ABOUT MATERIALS AND FINISH OPTIONS VISIT: WWW.BAILEY-UK.COM

FROM DESIGN TO DELIVERY CHOOSE BAILEY.

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