

BENCHMARK

by Kingspan



Dri-Design Rainscreen Façades

Dri-Design Flat
Dri-Design Tapered
Dri-Design Shadow
Dri-Design Perforated

UK & Ireland

POWERED BY
QuadCore
TECHNOLOGY

BENCHMARK
By Kingspan

Introduction

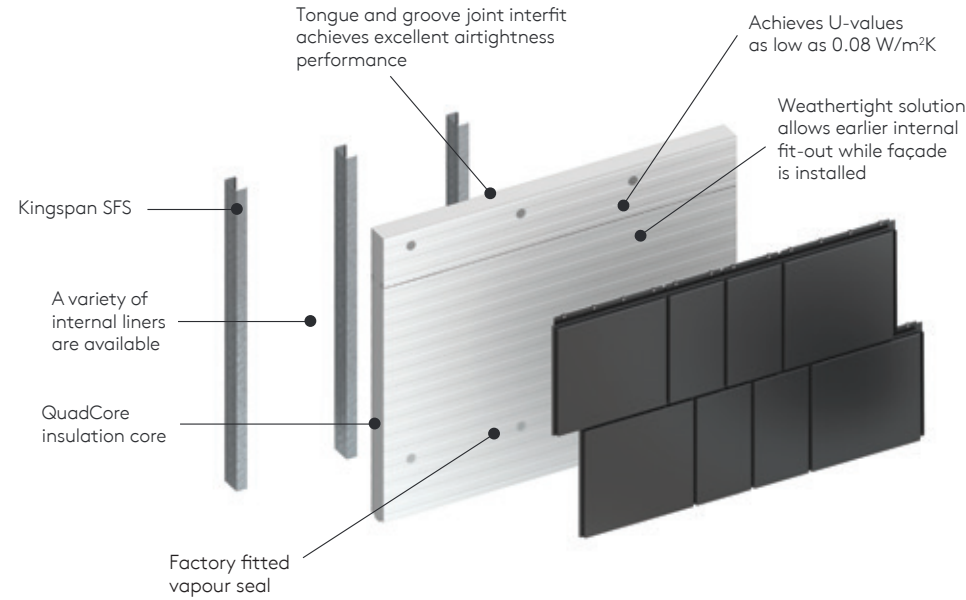
BENCHMARK by Kingspan focuses on providing a range of tested and certified high performance and rapid install envelope solutions.

For buildings with complex designs, high aesthetics or requiring a ventilated façade, our system provides a rapid build solution with a high level of technical performance. We can achieve this with our patented SuperFast Install Dri-Design metallic rainscreen cassette which is installed over our QuadCore Karrier wall panel. The Dri-Design cassettes are available in highly durable PPC or anodised Aluminium, stainless steel, weathered steel, zinc or copper, and in a range of shapes and sizes.

The Dri-Design façade is installed onto a QuadCore Karrier Panel which utilises our hybrid QuadCore insulation with a unique 40 year thermal and structural performance guarantee. The QuadCore Karrier can be prefabricated or site installed onto Kingspan SFS studs to provide a full structural wall solution.

Our through wall solution is fully tested to comply with BR 135 to BS8414 requirements for buildings over 18m high. In addition, our systems have been CWCT tested and our SFS systems are BBA approved. They come with a 30 year through-wall system guarantee.

In situations where BENCHMARK does not offer a specific façade type to meet the client or designer's requirements we can work with your required façade supplier to provide structural calculations to ensure your façade is adequately fixed to our QuadCore Karrier panel or SFS studs.



Dri-Design Flat

SuperFast
Install



Pittsburg State University Bicknell Family Center

Product: Dri-Design Flat
Architect: William Rawn Associates

Dri-Design Tapered

SuperFast
Install



Central Fleet

Product: Dri-Design Tapered
Architect: Continuum Architects + Planners SC, Milwaukee

Dri-Design Flat SuperFast Install

Dri-Design Flat installs at least twice as fast as most comparable systems and can be direct fix or ventilated cavity. No sealants, gaskets or butyl tape in the cassette joints, means no dirty streaks or a legacy of maintenance for the building owner.

Dri-Design Tapered SuperFast Install

Tapered Series cassettes can be angled in any direction with varying depths and degree of slope. This freedom to design each specific cassette gives you an unlimited capacity to create a dynamic, one-of-a-kind surface on nearly any facade, without the need to modify the substrate or weather barrier.

As with all Dri-Design, the Tapered cassettes installs much faster than most similar systems, available as direct fix or ventilated cavity. There are no seals or gaskets so it is easily maintained.

SuperFast
Install

Regent Park Aquatic Park
Toronto

Product: Dri-Design Shadow
Architect: MacLennan Jaunkalns Miller Architects

Dri-Design Shadow SuperFast Install

Shadow Series Dri Design cassettes lets you add depth and definition to any architectural design. Individual panels can be extended at varying depths to create texture or a dynamic variation in patterns, all while keeping the substrate and weather barrier in the same plane.

As with our other Dri-Design cassettes, the Shadow cassettes installs much faster than most similar systems, available as direct fix or ventilated cavity. There are no seals or gaskets so it is easily maintained.

Dri-Design is a patented design.

SuperFast
Install

St. Joe Franciscan Medical Center
Washington

Product: Dri-Design Perforated
Architect: Perkins + Will

Dri-Design Perforated SuperFast Install

Dri-Design with Perforated Imaging uses advanced computer based manufacturing to create complex images using perforations. By varying the size, location and density of the perforations, areas of light, dark and shades in between are created to form an image. These perforations also allow the cassette to provide needed airflow and/or shade to a structure. Since the images can be created from any digital picture, you are only limited by your imagination.

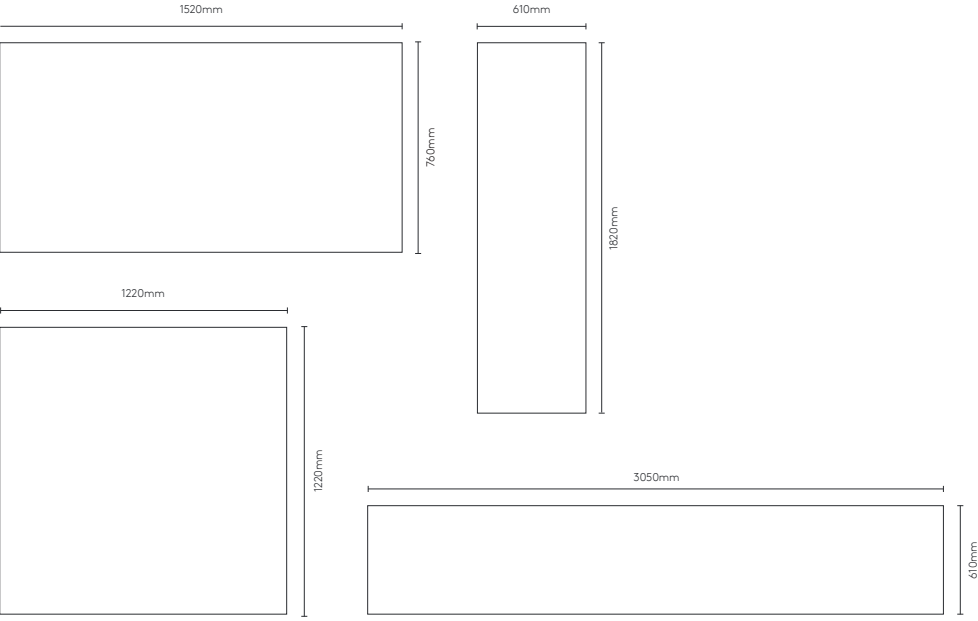
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Regent Park Aquatic Park

Product: Dri-Design Shadow
Architect: MacLennan Jaunkalns Miller Architects

Dimensions

These are the recommended maximum size cassette guides for aluminium. If the cassette you would like fits inside these guides, BENCHMARK can easily manufacture it. For larger sizes, or for other metals please contact BENCHMARK Technical Services to discuss your specific requirements.



Metal Types



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