

Architectural Insulated
Metal Panel Systems
North America

The Art of Architectural Panels



BENCHMARK™

Turn Your Project into a Work of Art

Kingspan BENCHMARK pushes beyond convention with limitless options for customizing building envelopes to your distinctive vision. Now, you can design your projects — exactly the way you always imagined them.

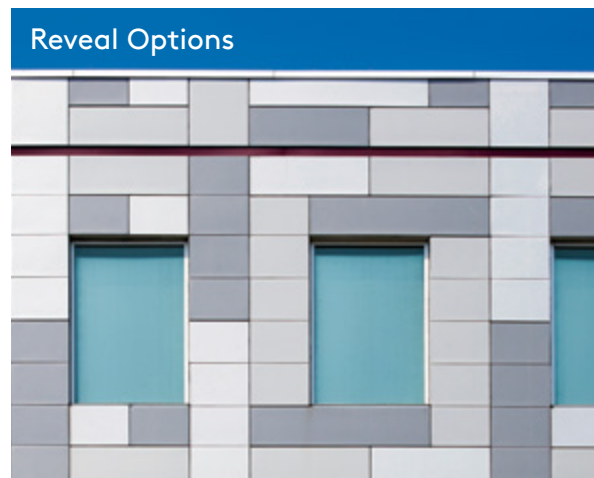
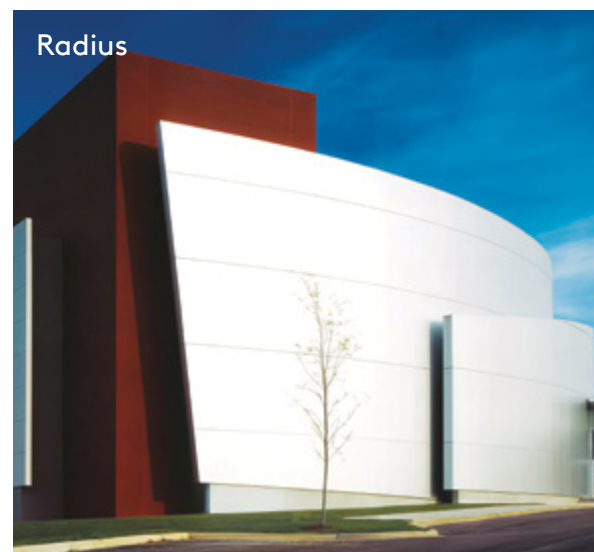
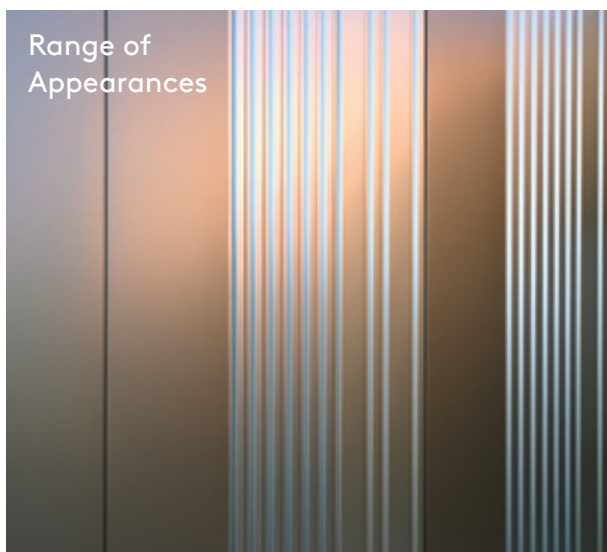
BENCHMARK Product Portfolio

BENCHMARK Designwall insulated metal panels are the perfect choice to display custom colors and patterns while retaining energy efficiency and a professional, refined look. In a full spectrum of vibrant colors for every aesthetic motif, including custom color matching, the high-performance coatings provide long-life protection, color and gloss retention.

Exclusive Design Features

To fully understand the creative possibilities that BENCHMARK enables, use this resource to customize to levels unattainable with ordinary flat panels. Explore design features including block spline, custom sizes, aesthetic reveals and radii and our exclusive longitudinal bend, a Kingspan BENCHMARK specialty.

Kingspan BENCHMARK helps elevate design through refined, post-fabrication detailing. Custom panel widths allow for precise façade alignment; the blockspline joint enables uninterrupted visual flow across vertical joints. Deep custom reveals introduce bold shadow lines that enhance texture and rhythm, while the use of continuous metal ensures seamless transitions and structural integrity across the building envelope. Factory-bent corners deliver crisp, clean edges that complete the architectural intent.



BENCHMARK's Superior Architectural Performance

Kingspan's BENCHMARK architectural insulated metal panels and façade systems deliver thermal performance with a high-end, architectural look.



Customization

A turning point in building design, BENCHMARK offers an endless choice of options to provide a striking finish for the ultimate in design flexibility.

With BENCHMARK, you can design your building envelope any way you choose.



BENCHMARK™

Block Spline

This design feature simultaneously allows for color contrast between the panels or for seamless transitions when using the same color to connect the panels. The blockspline joint enables uninterrupted visual flow across vertical joints.

Panel Sizes

With standard widths at 12", 14", 16", 18", 24" and on up to 42", BENCHMARK offers the ultimate customization available for creating intriguing designs. Additionally, BENCHMARK panels are available in 1/8" increments, a unique feature that sets us apart from the competition by allowing precise module layouts. Standard panel widths within multiple sizes lets architects fine-tune façade alignments, enhancing modular rhythm and elevating design control.

Deep Joint

Through a visual overlap, deep joints deliver seamless integration with a Shaker-style look. Incorporating multiple panel thicknesses adds depth and dimension.

U-Shaped Corners

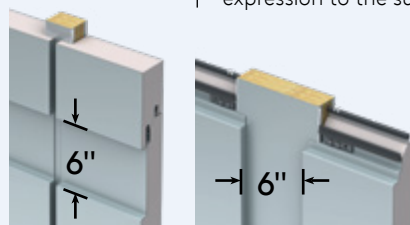
Designed to create seamless, integrated edges without needing to introduce a vertical joint reveal, this feature enhances both the aesthetic appeal and the structural integrity of building façades, creating a sleek solution for corner transitions.

Radius

Create structurally sound pre-formed corners and wide-angle bends ideal for wrapping columns, pillars and other creative applications. Available in horizontal and vertical panels with elliptical curves.

Reveal Options

Customize with reveal options ranging from 1/8" (tight) to 6" that allow for the creation of shadows and accents adding depth, contrast, and architectural expression to the surface.



Longitudinal Bends

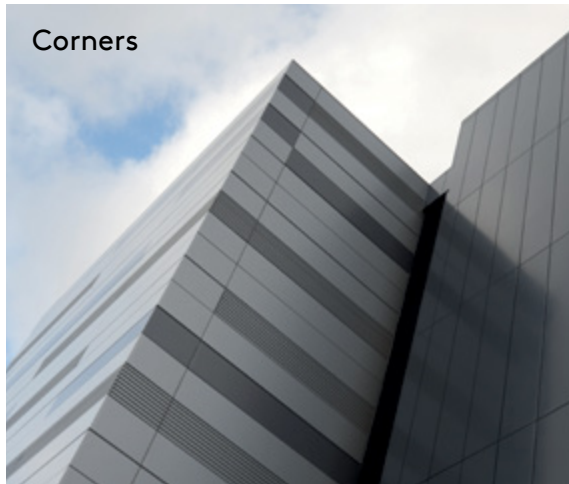
Panels can bend in both directions at angles of at least 45 degrees, maintaining material integrity while delivering sharp transitions and sleek design continuity.

Transverse Bends

By allowing panels to bend at the joint, this feature offers unparalleled design flexibility and creates dynamic angles between 90 and 180 degrees.



Corners



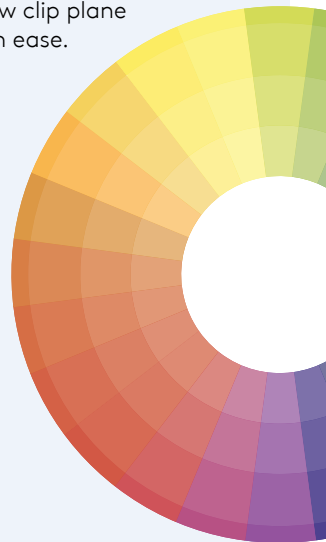
Bends



Create + Explore

Scan the QR code to view our custom color and finish chart, plus case studies, project gallery and 3D viewer available online. Our new color mode batches color products straight from the color chart, while our new clip plane tool cuts and annotates with ease.

Visit us at kingspanpanels.us or contact your authorized rep to bring your vision to life. Our technical team supports you, from design and specification to installation and post-occupancy.



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