Metal Wall & Roof Systems
North America

Protected by Morin By Kingspan WARRANTY

Architectural Metal Wall & Roof Systems
Product Portfolio

Innovative Building Envelope Solutions

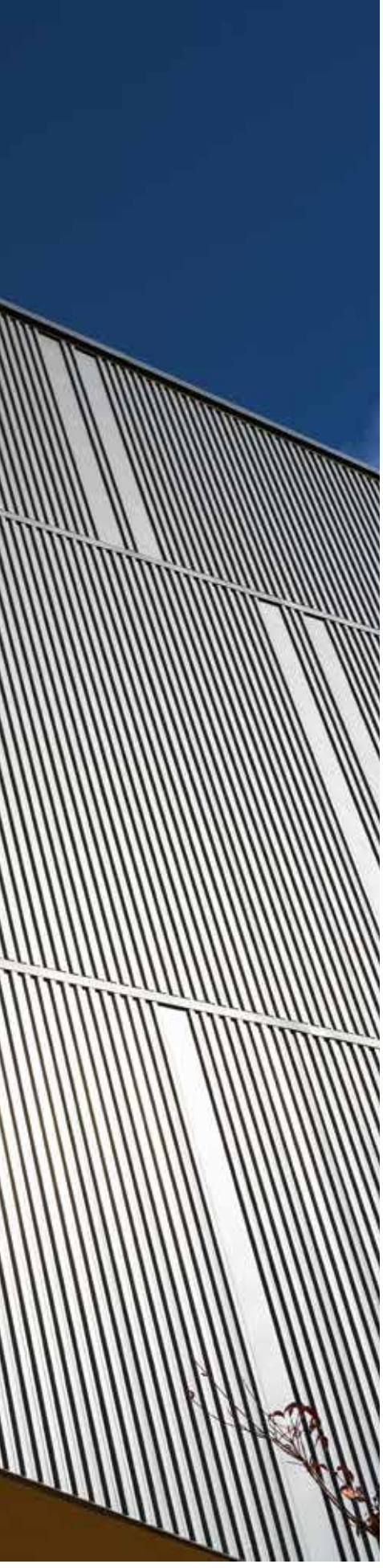
PLANET PASSIONATE

Morin® By Kingspan

Morin specializes in roll forming of architectural heavier gauge single skin metal wall and roof systems.

With over 100 profiles and multiple manufacturing locations, Morin is well positioned to produce for any size project.

Morin is constantly adding new products. Please visit us at MorinCorp.com to see the latest product offerings.



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WE ARE **YOUR GLOBAL PARTNER**

Morin is part of the Kingspan Group plc., founded in Kingscourt Co. Cavan Ireland in 1965, Kingspan is a global leader in the design, development and delivery of advanced building envelope products and solutions.

80+
countries worldwide

278
manufacturing sites worldwide

9.2
billion euros in revenue

29,000+
employees worldwide

Scan the QR code or click here for the most up to date information

Kingspan is pioneering better technologies and methods of building for a low-carbon world. We aim to improve building performance, construction methods, and ultimately, people's lives – this drive motivates our team across the world.

Kingspan Group is organized around 5 Operating Divisions, which together make a range of high-performance products to help deliver future-proofed buildings.

1

Insulated Panels

The global leader in high-performance insulated panel systems.

2

Roofing + Waterproofing

Energy-efficiency and water protection of roofs across all building typologies.

3

Insulation

Solutions for the building envelope, pipe and ducting services, district heating and cooling.

4

Data + Flooring

Raised access flooring, architectural finishes, structural ceilings, airflow optimization and containment solutions.

5

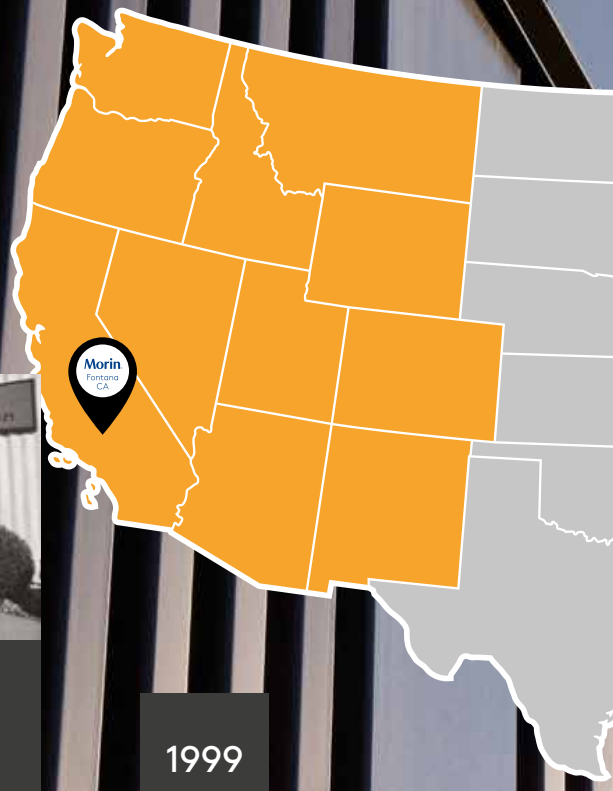
Light, Air + Water

Daylighting, natural ventilation, smoke management and building automation solutions.

WE ARE **MORIN**

Morin is the manufacturer of architectural metal wall and roof systems.

With our four production facilities located in Bristol, CT, Fontana, CA, DeLand, FL and Little Rock, AR, we have a combined production capacity of over 50 million square feet.



1959

Morin Erection Steel Company is founded

A small step for steel.
A leap forward for metal design.

1967

Relocation to Bristol, CT

Start of metal panel production.

1989

Acquisition by Metecno

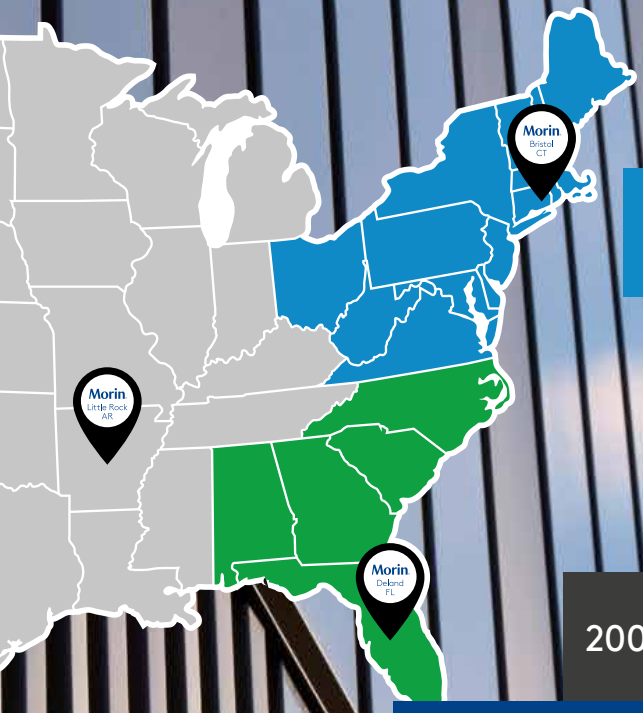
Growth takes shape.

1999

New plant in Fontana, CA

Morin in the West:
expansion with vision.

Morin Corporation



2005

Start of operations in Deland, FL

Closer proximity, more solutions.

2008

Kingspan

Acquisition by Kingspan Group

The beginning of a new era.

2019

PLANET PASSIONATE

Launch of Planet Passionate

Marks a new era of sustainable innovation.

Water

Circularity

Panels manufactured with high recycled content steel and aluminum, supporting sustainability and resource conservation.

100% renewable energy sources

Will achieve zero waste to landfill status by the end of the year.

Carbon

2025

A new plant is born in Little Rock, AR

The future is bright.

WE ARE **PLANET PASSIONATE**

Our Global Sustainability Program

Planet Passionate is Kingspan's global environmental sustainability program that aims to impact on three big global challenges; climate change, circularity and protection of the natural world.

OUR APPROACH

Our mission is to help accelerate the transition to a net-zero emissions built environment, with people and planet at its heart. This mission is driven by our comprehensive global environmental sustainability program which sets ambitious targets across four key areas: Energy, Carbon, Circularity and Water.

ENERGY

Achieve **ISO 50001** Energy management system for larger sites[2] by 2030.

Increase our direct use of renewable energy to **60%** by 2030.

Install solar PV systems on **all owned facilities** by 2030.

CARBON

65% Scope 1 and 2 GHG emissions reduction[1] by 2030.

15% reduction in CO_2 intensity from key raw materials by 2030.

>90% zero emission ready company funded cars by 2030.

CIRCULARITY

20 product takeback and recycling schemes by 2030.

1.5 million tonnes of recycled and renewable raw materials used annually by 2030.

Zero company waste to landfill[3] by 2030.

WATER

100 million litres of rainwater harvested annually by 2030.

PLANET PASSIONATE

Scan the QR code or click here for more details on our sustainability journey.

1 Excluding biogenic emissions. Scope 2 GHG emissions calculated using market-based methodology.
2 Large sites: >5GWh annual energy use.
3 Zero waste to landfill: 90% landfill diversion of wastes generated in Kingspan manufacturing, R&D and assembly facilities.

WE ARE **TRANSPARENT FOR CREDIBILITY**

Muskegon Museum of Art
Muskegon, MI

We believe in transparency through independent third-party certification to support our products.

MORIN AND LEED®

Morin's Single Element Metal Wall and Roof Panel Systems meet the requirements as specified in the U.S. Green Building Council's Leadership in Energy & Environmental Design (LEED®) Green Building Rating System.

Our commitment to energy efficiency, environmental responsibility and sustainability is evident through our products and services offered at manufacturing facilities located in Connecticut, California, Florida and Little Rock.

EPD

As society collectively strives to reduce its carbon footprint and reach net zero, Environmental Product Declarations (EPDs) are becoming increasingly prevalent as a tangible way to demonstrate products' environmental performance in different countries.

An Environmental Product Declaration (EPD) is a comprehensive, internationally recognized report, that objectively declares the impact our products have on the environment throughout their life cycle.

We provide EPDs for full lifecycle transparency.

ISO 9001

ISO 9001:2015 is an international standard that outlines how a company can set up an effective Quality Management System (QMS). The standard helps organizations consistently meet customer and regulatory requirements by focusing on quality, efficiency, and continual improvement.

Morin prides itself on being the top independent manufacturer of roll-formed architectural metal roof, wall and associated products while providing top quality performance in customer service.

Independent certification gives design and building professionals confidence that the products they use are the right fit for their projects.

WE ARE **MORE THAN PANELS**

TECHNICAL SUPPORT

CUSTOMER SERVICE

SALES SUPPORT

MARKETING SUPPORT

FIELD SERVICES

WARRANTY

MATRIX, INTEGRITY, PULSE

Easy integration – common joint allows multiple panel integration with the Matrix, Integrity and Pulse Series.

Limberlost Place
Toronto, ON – Canada

PRODUCT FEATURES

- **Panel depth:**
  Profile specific: .875″ (22mm) to 2″ (50.8mm)
- **Cover width:**
  12″ (305mm) nominal
- **Lengths:**
  5′ (1.52m) to 30′ (9.14m) standard.
  Shorter and longer lengths available
- **Application:**
  Horizontal or vertical

MATERIAL OPTIONS

- **Galvalume® / Zincalume® painted steel:**
  18 GA (1.19mm) / 20 GA (1.0mm) / 22 GA (0.80mm) / 24 GA (0.60mm)
- **Aluminum options:**
  .032″ (0.80mm) / .040″ (1mm) / .050″ (1.27mm)
- **Stainless steel options:**
  22 GA (0.80mm) / 24 GA (0.60mm)
- **Zinc options:**
  20 GA (1.0mm) / 22 GA (0.8mm)
- **Natural copper options:**
  20 oz. / 16 oz.

Architectural Metal Wall & Roof Systems
Product Portfolio

Park 12
San Diego, CA

Sister Lillian Murphy Community
San Francisco, CA

Morin Architectural Wall Range

CONCEALED CLIP

The Matrix, Integrity and Pulse panels feature an interlocking joint with concealed clip and fastener design.

The MIP panel clip system allows the panel to float unrestricted.

MIP Panel Clip

EASY INTEGRATION

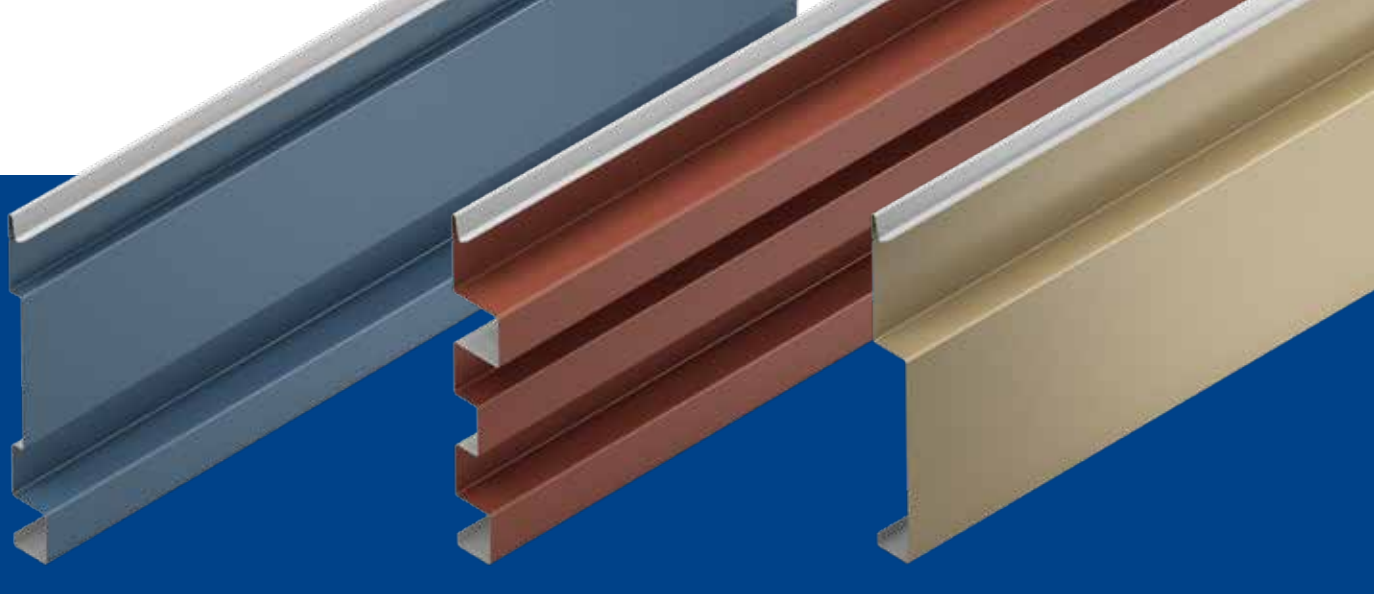
The common joint featured on our Matrix, Integrity and Pulse (MIP series) panels allows you to seamlessly mix and match these panels giving you endless opportunities to create a unique facade.

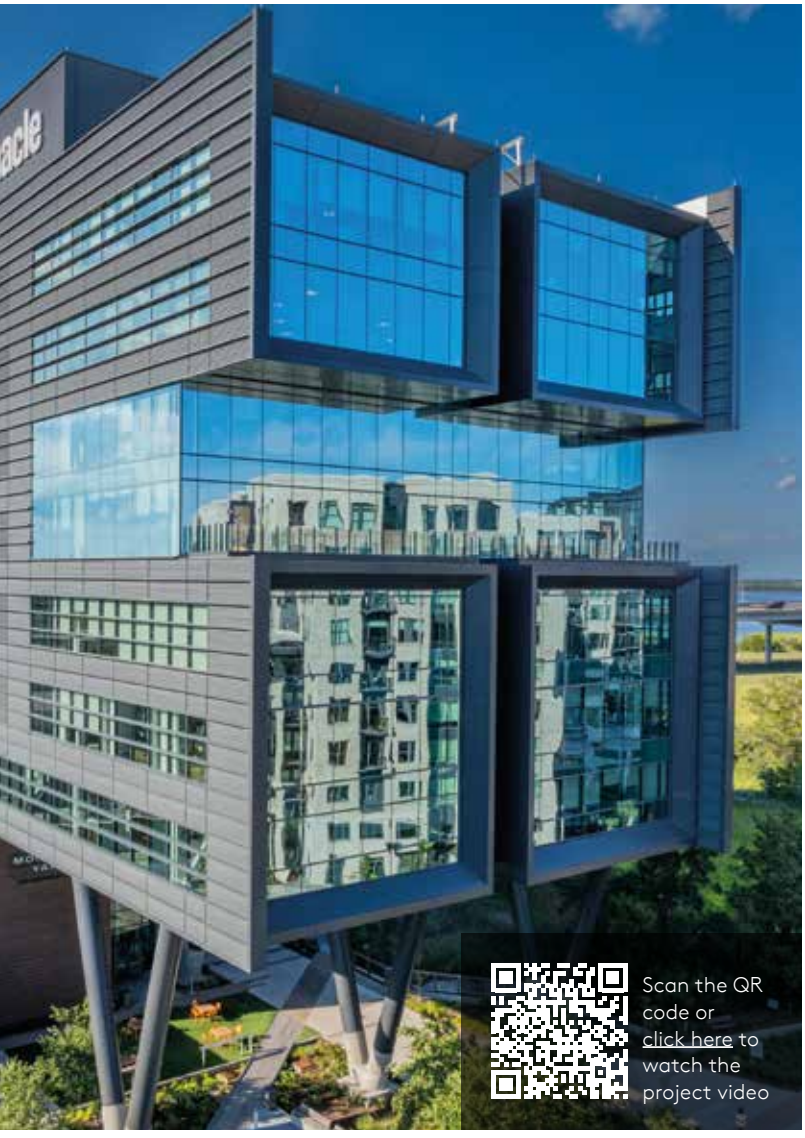
Please go to Morincorp.com for updates and latest product information.

MATRIX

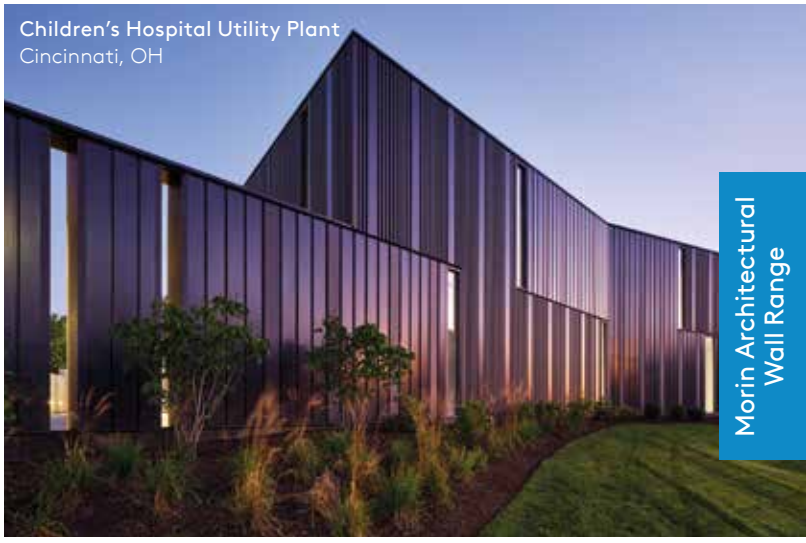
The Morin Matrix Series™ features a range of profiles with unique and bold box rib configurations, as well as flat panels with varying reveal widths for maximum design flexibility. Combine with other Matrix panels, or with panels from our Integrity Series or Pulse Series.

Walton Family Whole Health & Fitness
Bentonville, AR





Scan the QR code or click here to watch the project video

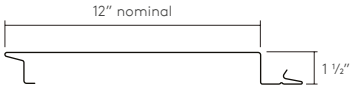


Children's Hospital Utility Plant
Cincinnati, OH

Morin Architectural Wall Range

Scan the QR code or click here to watch the project video

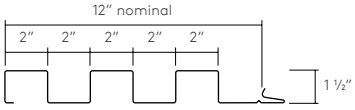
Matrix MX-0



Also available with stiffening ribs.
Available vented for soffit applications.

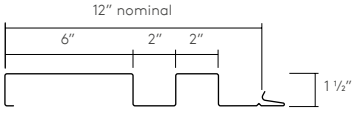
Height:	1.5" / 38.1mm
Width:	6" to 18" / 152mm to 458mm
Galvalume:	22, 20, 18 Ga
Aluminum:	.040, .050
Stainless steel:	22, 20 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Trimless ends:	Yes
Mfg location(s):	AR

Matrix MX-1

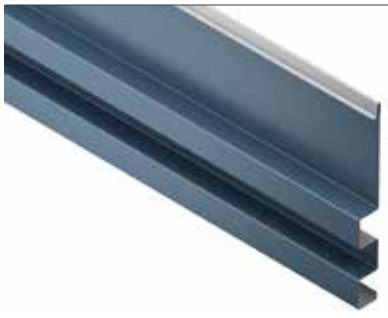


Height:	1.5" / 38.1mm
Width:	12" / 305mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforation:	Yes*
Trimless ends:	No
Mfg location(s):	CA, CT, FL, AR

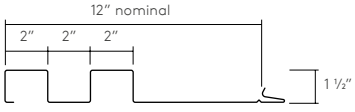
Matrix MX-2



Height:	1.5" / 38.1mm
Width:	12" / 305mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Trimless ends:	No
Mfg location(s):	CA, CT, FL, AR

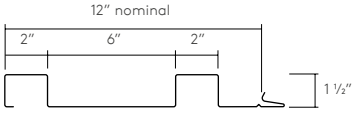


Matrix MX-3



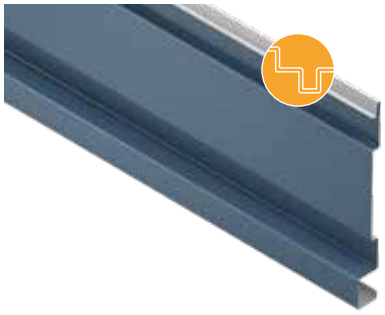
Height:	1.5" / 38.1mm
Width:	12" / 305mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Trimless ends:	No
Mfg location(s):	CA, CT, FL, AR

Matrix MX-4

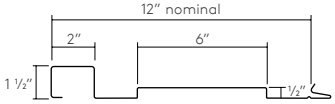


Height:	1.5" / 38.1mm
Width:	12" / 305mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Trimless ends:	No
Mfg location(s):	CA, CT, FL, AR

*Please see perforated section for details.

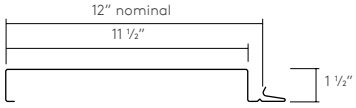


Matrix MX-5



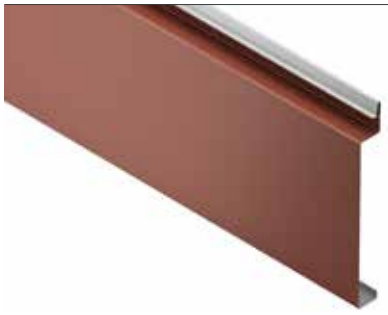
Height:	1.5″ / 38.1mm
Width:	12″ / 305mm
Galvalume:	22, 20, 18 Ga
Aluminum:	.040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Trimless ends:	No
Mfg location(s):	CA, CT, AR

Matrix MX-6

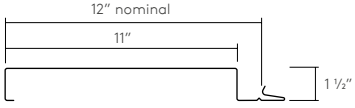


Also available with stiffening ribs

Height:	1.5″ / 38.1mm
Width:	12″ / 305mm
Galvalume:	22, 20, 18 Ga
Aluminum:	.040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Trimless ends:	Yes
Mfg location(s):	CA, CT, FL, AR



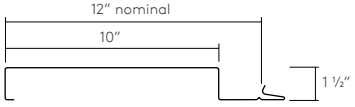
Matrix MX-7



Also available with stiffening ribs

Height:	1.5″ / 38.1mm
Width:	12″ / 305mm
Galvalume:	22, 20, 18 Ga
Aluminum:	.040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Trimless ends:	Yes
Mfg location(s):	CA, CT, FL, AR

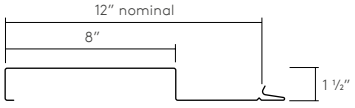
Matrix MX-8



Also available with stiffening ribs

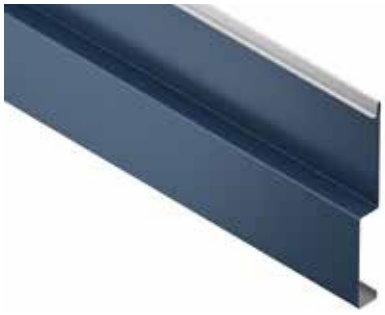
Height:	1.5″ / 38.1mm
Width:	12″ / 305mm
Galvalume:	22, 20, 18 Ga
Aluminum:	.040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Trimless ends:	Yes
Mfg location(s):	CA, CT, FL, AR

Matrix MX-9

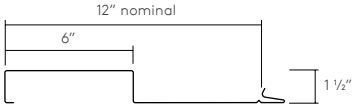


Height:	1.5″ / 38.1mm
Width:	12″ / 305mm
Galvalume:	22, 20, 18 Ga
Aluminum:	.040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Trimless ends:	No
Mfg location(s):	CA, CT, FL, AR

*Please see perforated section for details. Multi-depth profile.



Matrix MX-10

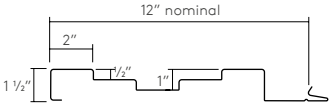


Height:	1.5" / 38.1mm
Width:	12" / 305mm
Galvalume:	22, 20, 18 Ga
Aluminum:	.040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Trimless ends:	No
Mfg location(s):	CA, CT, FL, AR

Matrix MX-11

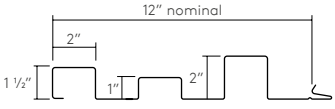
Height:	1.5" / 38.1mm
Width:	12" / 305mm
Galvalume:	22, 20, 18 Ga
Aluminum:	.040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Trimless ends:	No
Mfg location(s):	CA, CT, FL, AR

Matrix MX-12



Height:	1.5" / 38.1mm
Width:	12" / 305mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Trimless ends:	No
Mfg location(s):	CT, CA

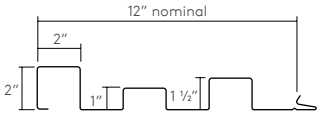
Matrix MX-13



Height:	1.5" / 38.1mm
Width:	12" / 305mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Trimless ends:	No
Mfg location(s):	CT, CA, AR

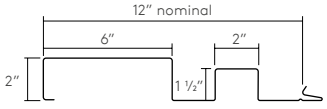
*Please see perforated section for details. Multi-depth profile.

Matrix MX-14



Height:	1.5" / 38.1mm
Width:	12" / 305mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Trimless ends:	No
Mfg location(s):	CT, CA, AR

Matrix MX-15



Height:	1.5" / 38.1mm
Width:	12" / 305mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Trimless ends:	No
Mfg location(s):	CT, CA, AR

NEW PRODUCT

COMPLETE DESIGN FREEDOM

MATRIX INFINITY

SAME PANEL, MULTIPLE SIZES

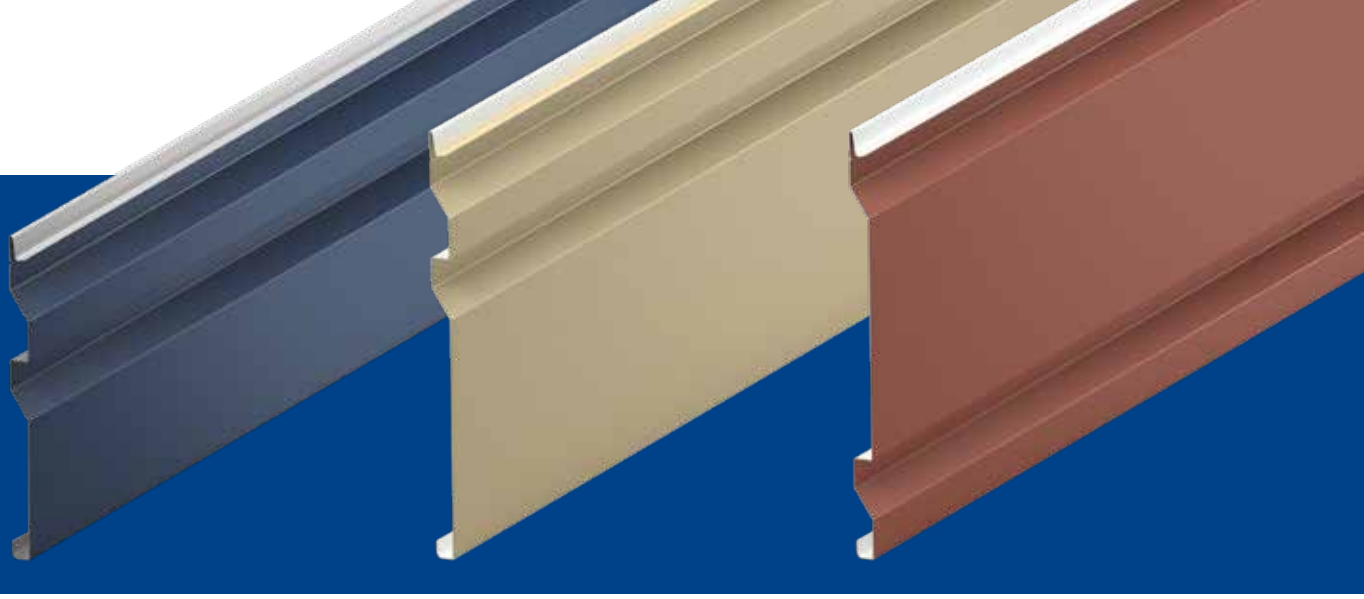
Matrix Infinity is engineered for maximum design flexibility, offering customizable face and reveal dimensions. Total panel widths range from **6 to 18 inches**, with face dimensions up to **18 inches** and reveals up to **10 inches**. Intermediate sizes can be specified in **1/8 inch increments**, allowing architects and designers to achieve highly tailored façade compositions.

*Please see perforated section for details. Multi-depth profile.

INTEGRITY

Featuring a consistent depth of 7/8″, it offers a minimalist design solution with an asymmetrical box rib in varying configuration. Combine with other Integrity panels, or with panels from our Matrix Series or Pulse Series.

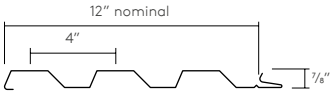
The Laurent
Cambridge, MA



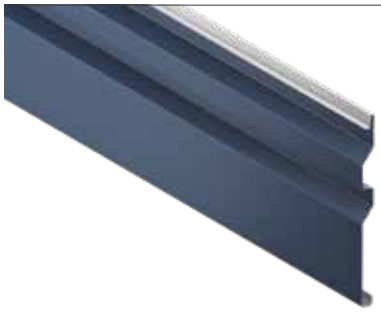
SOME Roberts Residences
Washington, D.C

Morin Architectural Wall Range

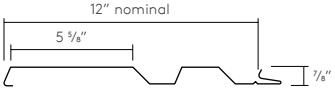
Integrity X-12



Height:	.875" / 22.2mm
Width:	12" / 305mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Mfg location(s):	CA, CT, FL, AR

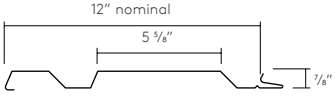


Integrity XA-12



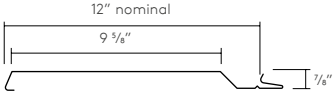
Height:	.875" / 22.2mm
Width:	12" / 305mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Mfg location(s):	CA, CT, FL, AR

Integrity XB-12



Height:	.875" / 22.2mm
Width:	12" / 305mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Mfg location(s):	CA, CT, FL, AR

Integrity XC-12

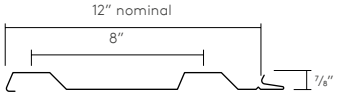


Height:	.875" / 22.2mm
Width:	12" / 305mm
Galvalume:	22, 20, 18 Ga
Aluminum:	.040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Mfg location(s):	CA, CT, FL

Integrity XD-12

Height:	.875" / 22.2mm
Width:	12" / 305mm
Galvalume:	22, 20, 18 Ga
Aluminum:	.040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Mfg location(s):	CA, CT, FL, AR

Integrity XE-12



Height:	.875″ / 22.2mm
Width:	12″ / 305mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Mfg location(s):	CA, CT, FL, AR

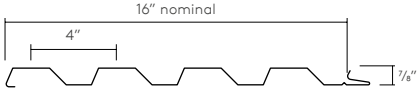
Integrity XF-12

Height:	.875″ / 22.2mm
Width:	12″ / 305mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Mfg location(s):	CA, CT, FL, AR

Integrity XG-12

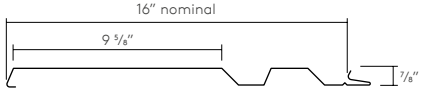
Height:	.875″ / 22.2mm
Width:	12″ / 305mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Mfg location(s):	CA, CT, FL, AR

Integrity X-16

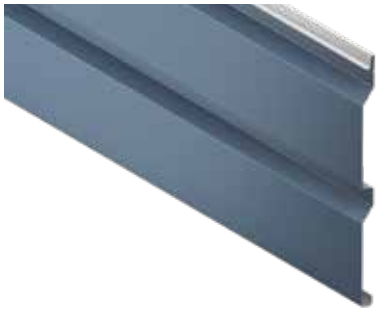


Height:	.875″ / 22.2mm
Width:	16″ / 406mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Mfg location(s):	CA, CT, FL, AR

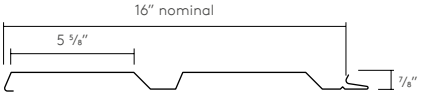
Integrity XA-16



Height:	.875″ / 22.2mm
Width:	16″ / 406mm
Galvalume:	22, 20, 18 Ga
Aluminum:	.040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Perforated:	Yes*
Mfg location(s):	CA, CT, FL, AR

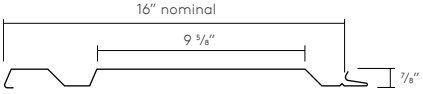


Integrity XAB-16



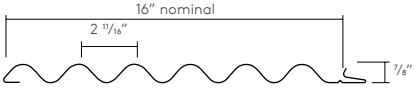
Height:	.875″ / 22.2mm
Width:	16″ / 406mm
Galvalume:	22, 20, 18 Ga
Aluminum:	.040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA, CT, FL, AR

Integrity XB-16



Height:	.875″ / 22.2mm
Width:	16″ / 406mm
Galvalume:	22, 20, 18 Ga
Aluminum:	.040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA, CT, FL, AR

Integrity S-16



Height:	.875″ / 22.2mm
Width:	16″ / 406mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA, CT

Integrity XAAB-16

Height:	.875″ / 22.2mm
Width:	16″ / 406mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA, CT, FL

Integrity XABB-16

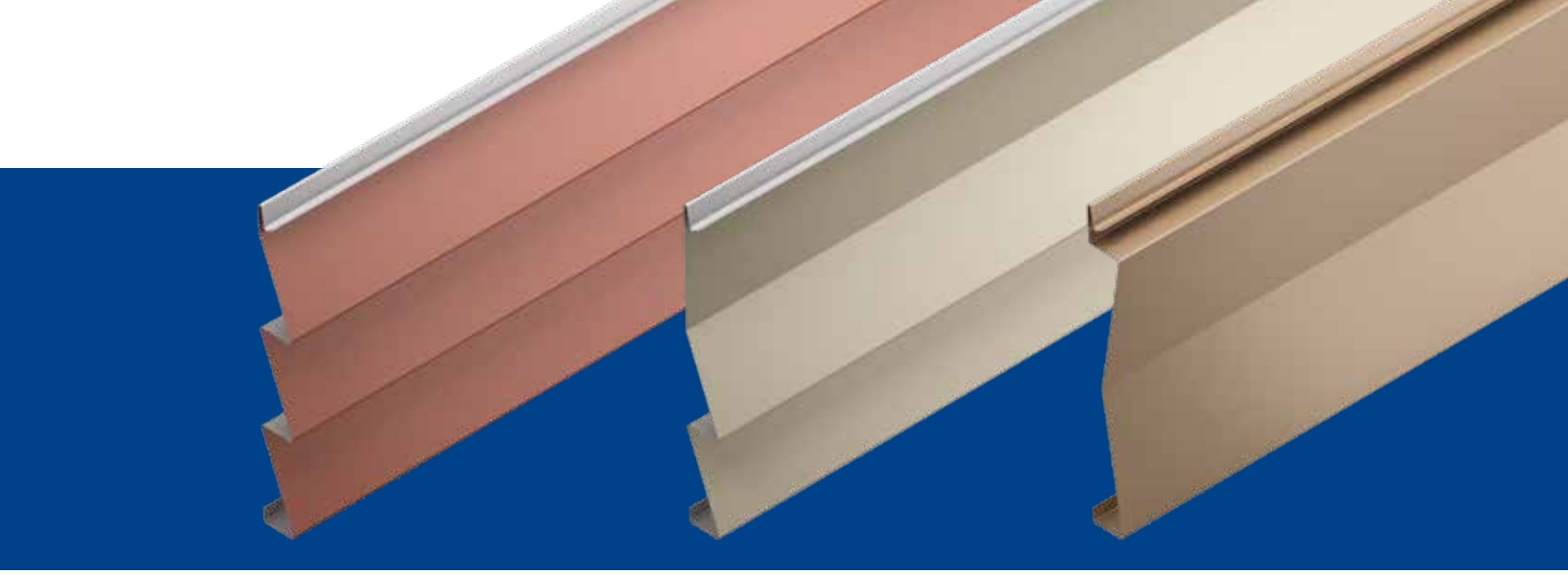
Height:	.875″ / 22.2mm
Width:	16″ / 406mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA, CT, FL

*Please see perforated section for details.

PULSE

Featuring triangular ribs that emulate the electrical peaks generated by a heartbeat. Combine with other Integrity panels, or with panels from our Matrix Series or Pulse Series.

Inuusirvik Community Wellness Hub
Iqaluit, NU – Canada

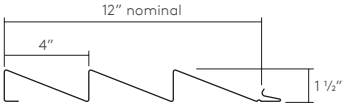


Scan the QR code or click here to watch the project video

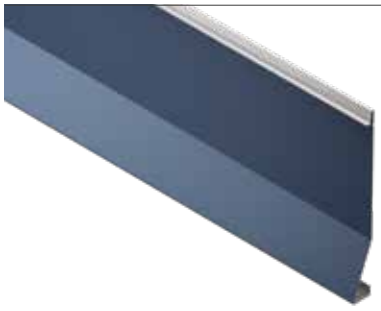
Morin Architectural Wall Range

Scan the QR code or click here to watch the project video

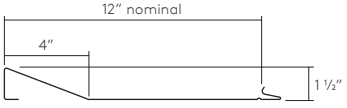
Pulse P-1



Height:	1.5" / 38.1mm
Width:	12" / 305mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA, CT, AR

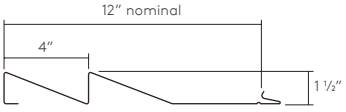


Pulse P-2

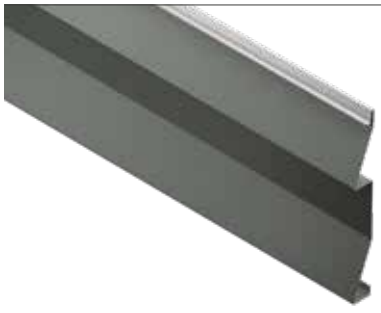


Height:	1.5" / 38.1mm
Width:	12" / 305mm
Galvalume:	22, 20, 18 Ga
Aluminum:	.040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA, CT, AR

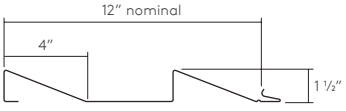
Pulse P-3



Height:	1.5" / 38.1mm
Width:	12" / 305mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA, CT, AR



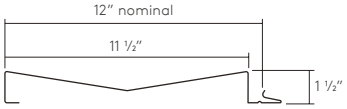
Pulse P-4



Height:	1.5" / 38.1mm
Width:	12" / 305mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA, CT, AR

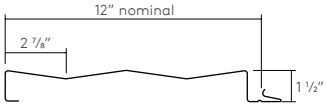
*Please see perforated section for details.

Pulse P-9



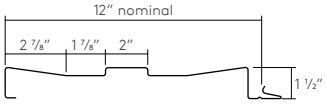
Height:	1.5" / 38.1mm
Width:	12" / 305mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA, CT, AR

Pulse P-10



Height:	1.5" / 38.1mm
Width:	12" / 305mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA, CT, AR

Pulse P-11

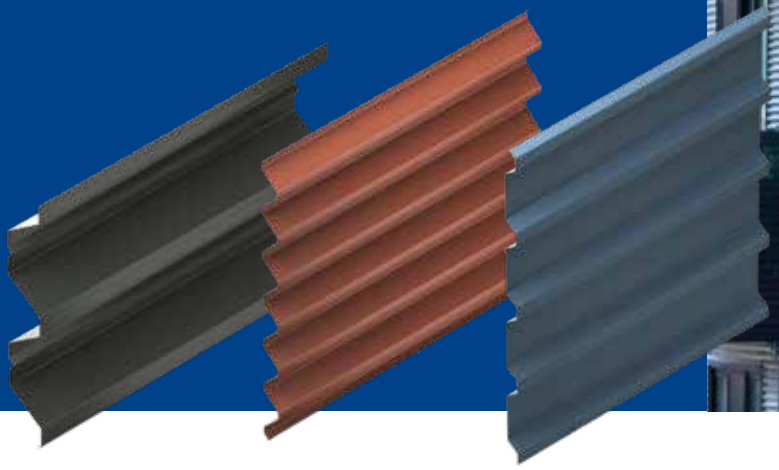


Height:	1.5" / 38.1mm
Width:	12" / 305mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA, CT, AR

*Please see perforated section for details.

EXPOSED FASTENER SERIES

Exposed Fastener Series – bold profiles with varying widths and depths to suit any structural and architectural design requirements.



PRODUCT FEATURES

- **Panel depth:**
  .5″ (13mm) to 4″ (102mm)
- **Cover width:**
  24″ (610mm) to 40″ (1016mm) nominal
- **Lengths:**
  5′ (1.52m) to 30′ (9.14m) standard.
  Shorter and longer lengths available
- **Application:**
  Horizontal or vertical

MATERIAL OPTIONS

- **Galvalume® / Zincalume® painted steel options:**
  18 GA (1.19mm) / 20 GA (1.0mm) / 22 GA (0.80mm) / 24 GA (0.60mm)
- **Aluminum options:**
  .032″ (0.80mm) / .040″ (1mm) / .050″ (1.27mm)
- **Stainless steel options:**
  20 GA (1.0mm) / 22 GA (0.80mm) / 24 GA (0.60mm)
- **Zinc options:**
  20 GA (1.0mm) / 22 GA (0.8mm)
- **Natural copper options:**
  20 oz. / 16 oz.

The Yards
Kansas City, MO

Toyoshima
Torrance, CA

FASTENING

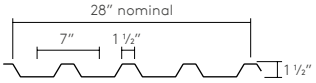
The Exposed Fastener Series uses exposed through-fasteners for easy install, color matched fasteners available.

Whole Foods
San Jose, CA

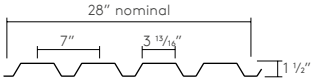
Please go to Morincorp.com for updates and latest product information.

Exposed BR-28

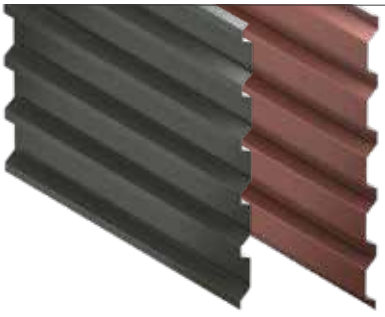
Profile A



Profile B

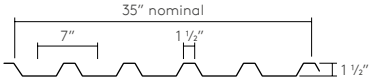


Height:	1.5″ / 38.1mm
Width:	28″ / 711mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22, 20 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CT, FL

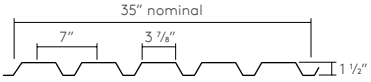


Exposed BR-35

Profile A



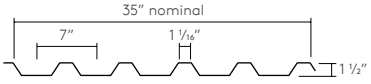
Profile B



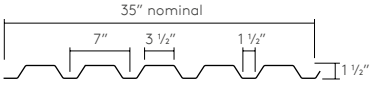
Height:	1.5″ / 38.1mm
Width:	35″ / 889mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22, 20 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	FL

Exposed BR7-35

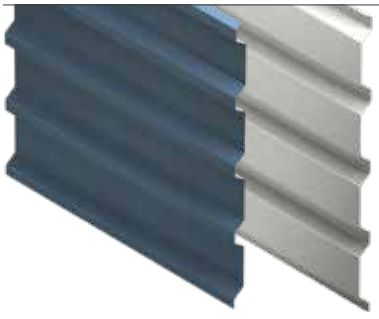
Profile A



Profile B

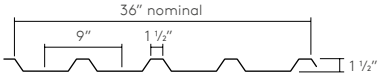


Height:	1.5″ / 38.1mm
Width:	35″ / 889mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22, 20 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA

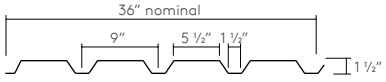


Exposed BR9-36

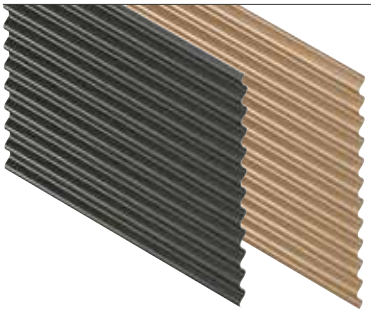
Profile A



Profile B

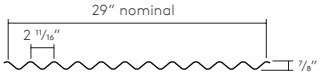


Height:	1.5″ / 38.1mm
Width:	36″ / 914mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22, 20 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA

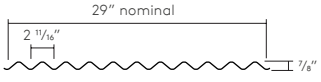


Exposed C-29

Profile A



Profile B

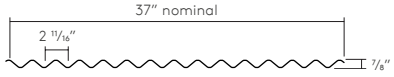


Height:	.875″ / 22.2mm
Width:	29″ / 737mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22, 20 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA, CT, FL, AR

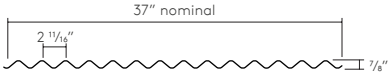
*Please see perforated section for details.
Some profiles may vary slightly by location, see website for details.

Exposed C-37

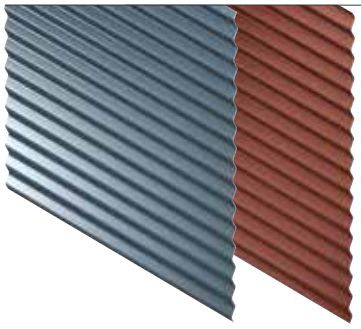
Profile A



Profile B

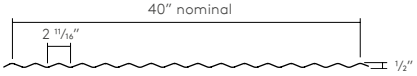


Height:	.875″ / 22.2mm
Width:	37″ / 940mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22, 20 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA, FL, AR

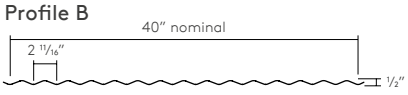


Exposed C-40

Profile A



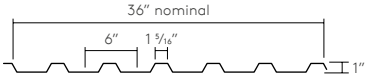
Profile B



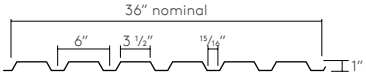
Height:	.5″ / 12.7mm
Width:	40″ / 1016mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless Steel:	24, 22, 20 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA, CT

Exposed E-36

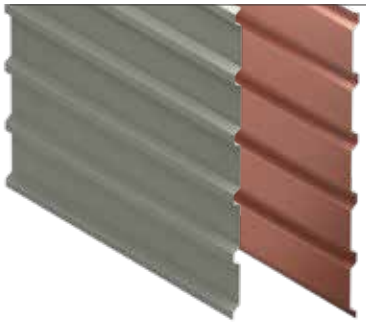
Profile A



Profile B

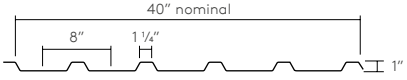


Height:	1″ / 25.4mm
Width:	36″ / 914mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22, 20 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA

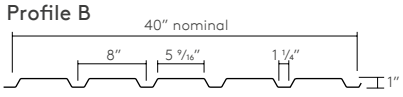


Exposed E8-40

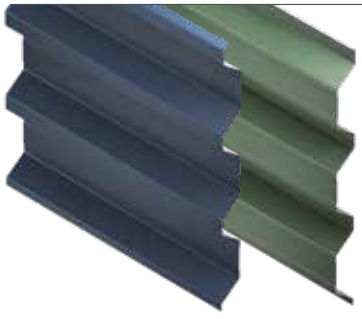
Profile A



Profile B

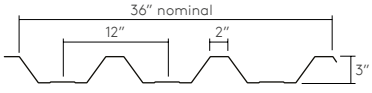


Height:	1″ / 25.4mm
Width:	40″ / 1016mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22, 20 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA

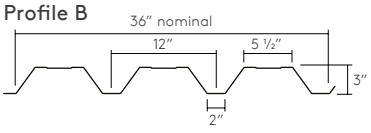


Exposed MR-36

Profile A



Profile B

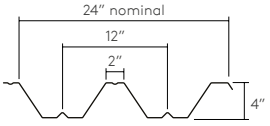


Height:	3″ / 76.2mm
Width:	36″ / 914mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless Steel:	24, 22, 20 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA, CT

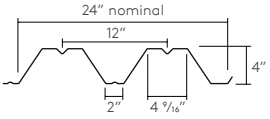
*Please see perforated section for details.
Some profiles may vary slightly by location, see website for details.

Exposed O-24-E

Profile A



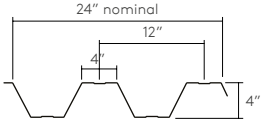
Profile B



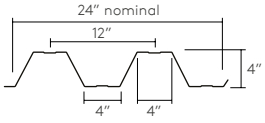
Height:	4″ / 101.6mm
Width:	24″ / 610mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22, 20 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CT

Exposed O-24-W

Profile A



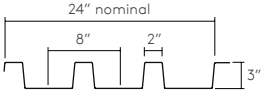
Profile B



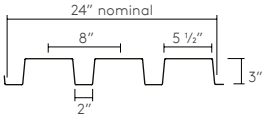
Height:	4″ / 101.6mm
Width:	24″ / 610mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22, 20 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA

Exposed U-24

Profile A



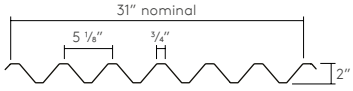
Profile B



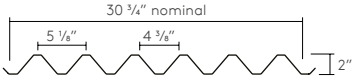
Height:	3″ / 76.2mm
Width:	24″ / 610mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22, 20 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA, AR

Exposed VB-31

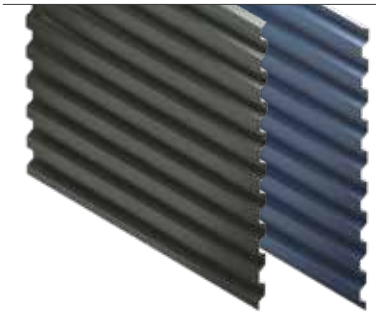
Profile A



Profile B

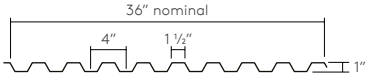


Height:	2″ / 50.8mm
Width:	31″ / 787mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22, 20 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	FL

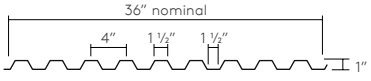


Exposed VB-36

Profile A

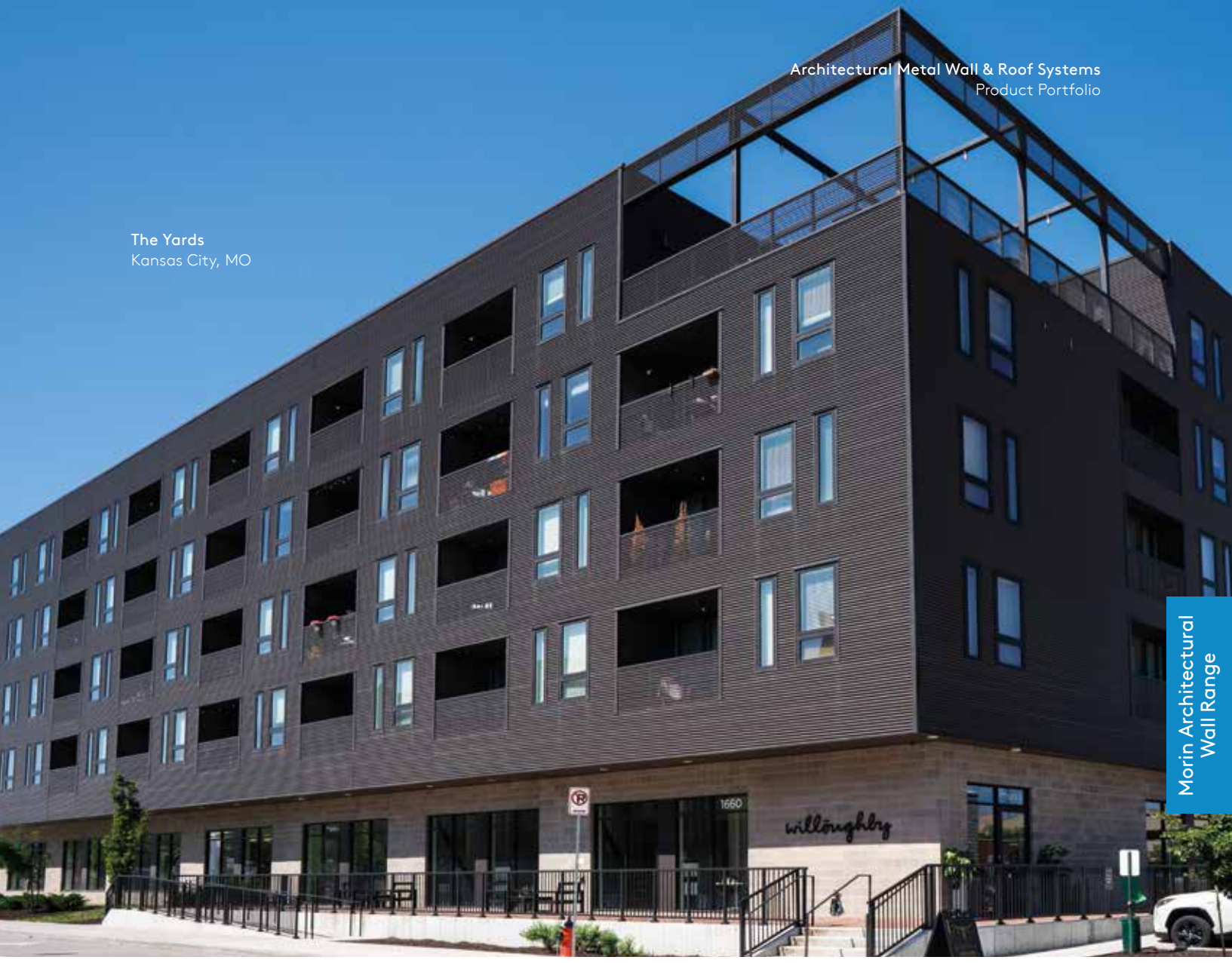


Profile B

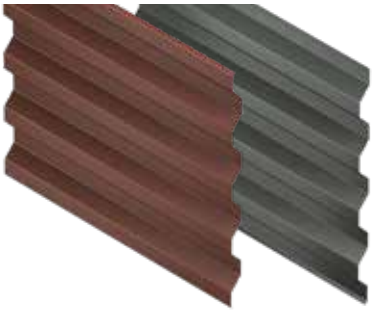


Height:	1″ / 25.4mm
Width:	36″ / 914mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22, 20 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA

*Please see perforated section for details.
Some profiles may vary slightly by location, see website for details.

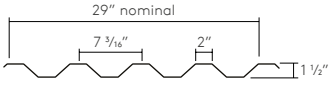


The Yards
Kansas City, MO

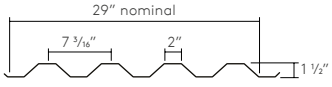


Exposed Y-29

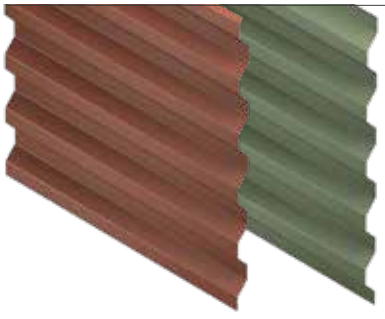
Profile A



Profile B

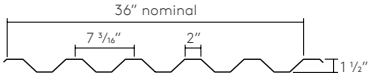


Height:	1.5″ / 38.1mm
Width:	29″ / 737mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22, 20 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA, CT, FL

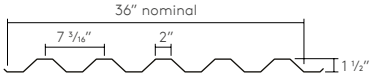


Exposed Y-36

Profile A



Profile B



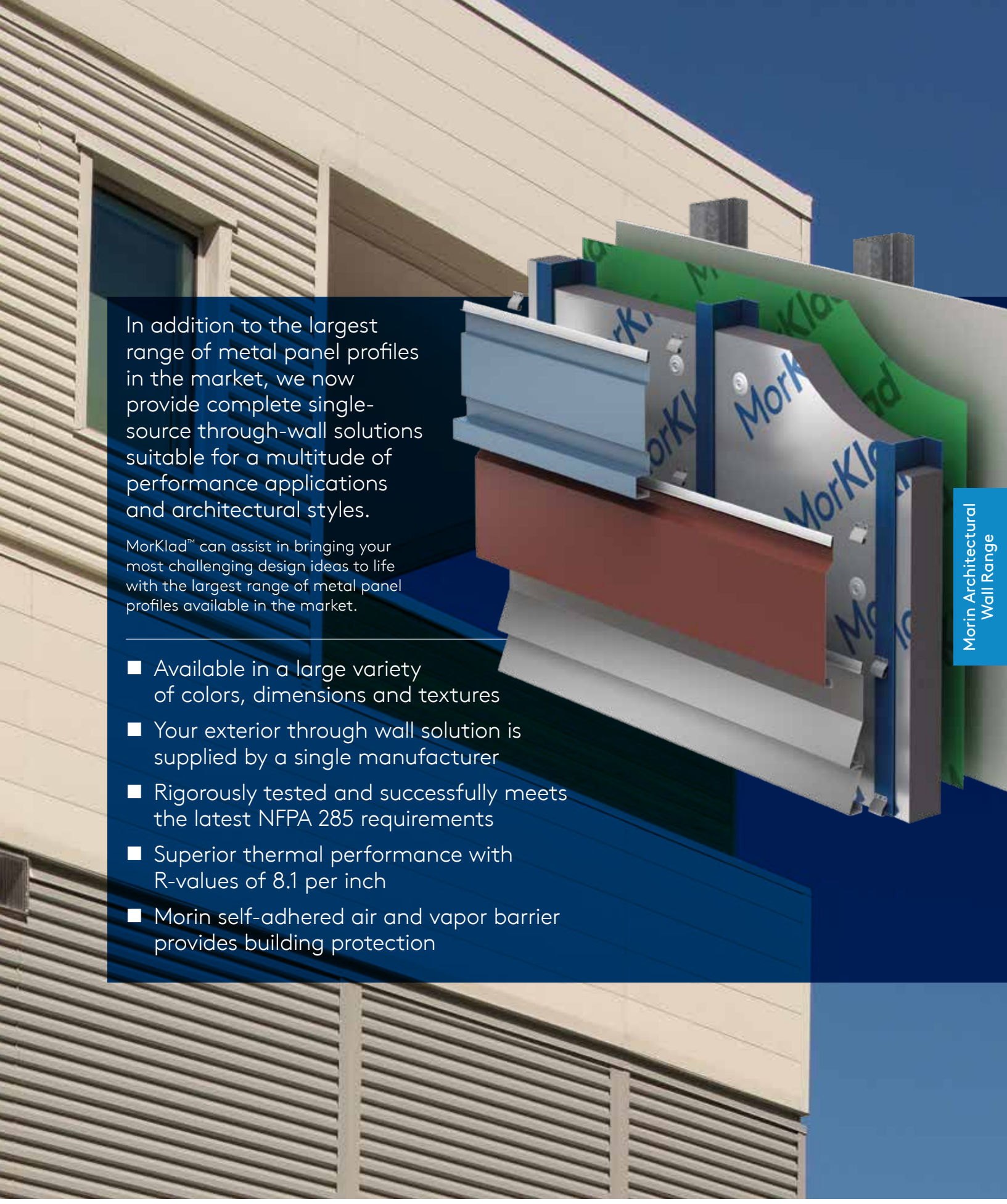
Height:	1.5″ / 38.1mm
Width:	36″ / 914mm
Galvalume:	24, 22, 20, 18 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22, 20 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Perforated*
Mfg location(s):	CA, CT, FL, AR

*Please see perforated section for details.
Some profiles may vary slightly by location, see website for details.

MorKlad™

ONE SYSTEM.
ONE SPECIFICATION.
ONE WARRANTY.

AdventHealth Training Center
Orlando, FL



In addition to the largest range of metal panel profiles in the market, we now provide complete single-source through-wall solutions suitable for a multitude of performance applications and architectural styles.

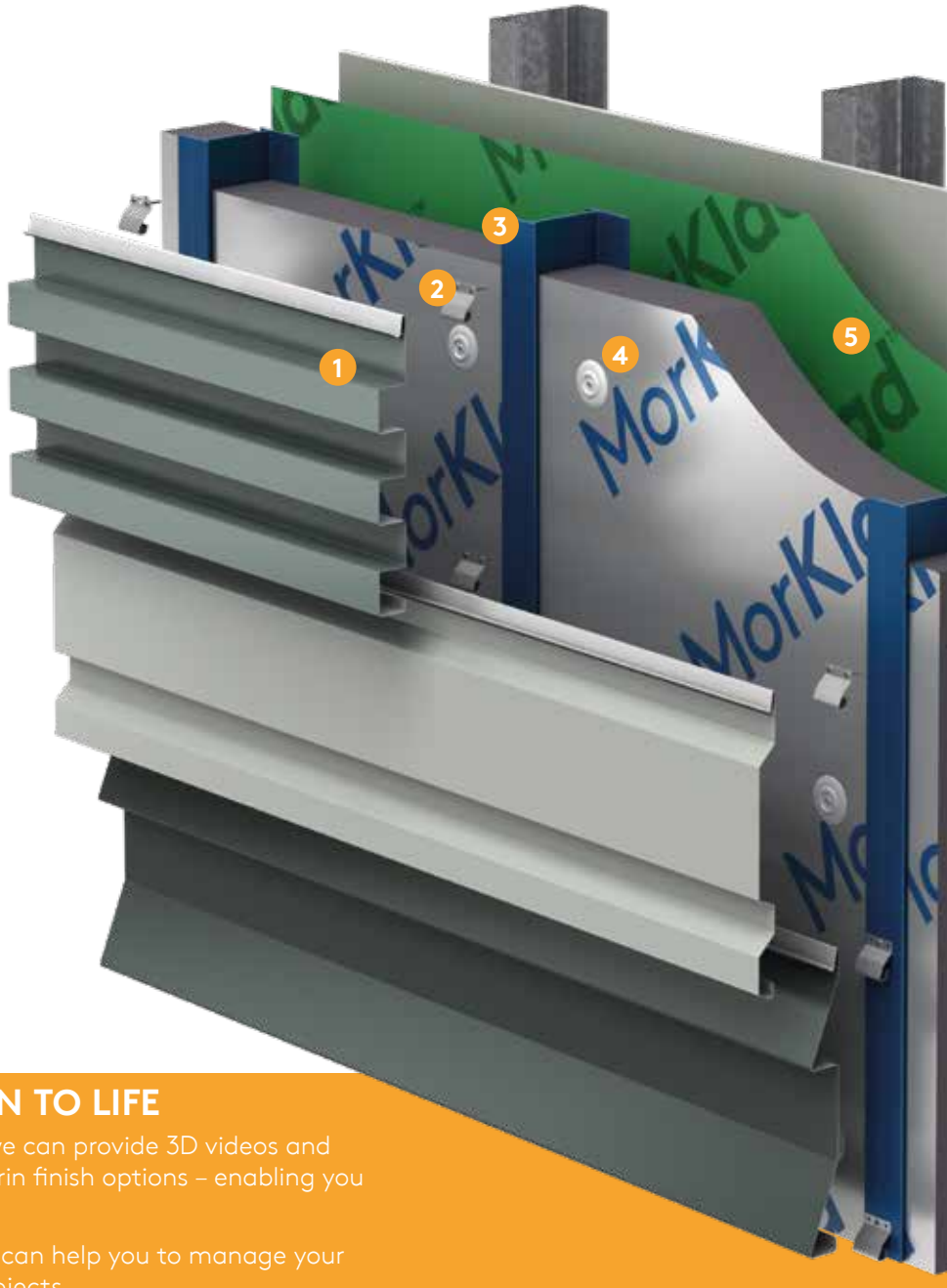
MorKlad™ can assist in bringing your most challenging design ideas to life with the largest range of metal panel profiles available in the market.

- Available in a large variety of colors, dimensions and textures
- Your exterior through wall solution is supplied by a single manufacturer
- Rigorously tested and successfully meets the latest NFPA 285 requirements
- Superior thermal performance with R-values of 8.1 per inch
- Morin self-adhered air and vapor barrier provides building protection

MorKlad™

MorKlad™ is an integrated exterior wall assembly that combines Morin architectural metal wall panels with structural support components, insulation, and air and vapor barrier.

Engineered as a coordinated system, MorKlad simplifies specification and delivers a high performance building envelope from a single accountable source.



1. Morin Architectural profile
2. Panel clip
3. Fiberglass or traditional Z-girt
4. High R-value insulation
5. Air and vapor barrier
6. Sheathing board (by others)
7. Structural frame (by others)

LET US BRING YOUR VISION TO LIFE

Tell us your vision for your project and we can provide 3D videos and renderings showcasing the different Morin finish options – enabling you to easily visualize your finished project.

Once you proceed with your project we can help you to manage your build through a series of detailed BIM objects.

To find out more and to see the complete range of exterior profiles, visit www.morincorp.com

OVER 100 PROFILE OPTIONS

MorKlad™ can assist in bringing your most challenging design ideas to life with the largest range of metal panel profiles available in the market.

COLOR / COATING RANGE

MorKlad™ Systems are available in a large variety of colors, dimensions and textures allowing architects to push the boundaries of building design while meeting the projects performance requirements.

SINGLE SOURCE SOLUTION AND WARRANTY

For complete peace of mind, your exterior through wall solution is supplied by a single manufacturer. From design support, specification, service support through to warranties – Morin is here to support your project needs.

FIRE PERFORMANCE

The MorKlad™ Wall System has been rigorously tested and successfully meets the latest NFPA 285 requirements. It is also fully compliant with the most recent New York City fire code, incorporating advanced Intumescent Fireblocking Technology for enhanced safety and performance.

THERMAL PERFORMANCE

The ultra thin premium-performance insulation has a fiber–free rigid thermoset phenolic core with a low emissivity composite foil on the exterior surface. With R-values of 8.1 per inch, it can deliver compliant buildings with reduced heat loss and excellent thermal performance. Alternative insulation layers, such as mineral wool, may also be specified.

AIR AND VAPOR BARRIER SOLUTION

Morin self-adhered air and vapor barrier provides building protection that installs quickly and easily even under extreme conditions without sacrificing performance.

COST EFFECTIVENESS

MorKlad™ is a cost effective system thanks to our highly automated manufacturing process as well as quick and easy installation and minimal maintenance.

SYMMETRY SERIES

Quay Work
Newport Beach, CA

The Symmetry® system is a batten seamed roof system tested to withstand the toughest environments. The identical "T" shaped joints allows for easy panel install and replacement, allowance for thermal movement, and significant wind uplift resistance.

Symmetry panels have the same interlocking clip leg on each side, so two directional install is possible, these panel clips are designed to allow unlimited thermal movement.

- Significant wind uplift capability
- On-site roll-forming in lengths up to 300′
- Symmetry roof panel (1.5″ seam height) can be used on roof slope as low as 1:12. Symmetry roof panel (2″, 2.5″ and 3″ seam height) can be used on roof slopes as low as 1/2:12
- Panel replacement is easier and less expensive with a symmetrical panel
- Symmetry panels are ideal for roofs with complex geometry
- Painted and natural finishes
- Job-site roll forming – panels can be made on-site to exact lengths

PRODUCT FEATURES

- **Panel depth:**
  1.5″ (38mm) to 3″ (76mm)
- **Cover width:**
  12″ (305mm) to 18″ (457mm) nominal
- **Lengths:**
  5′ (1.52m) to 40′ (12.19m) standard

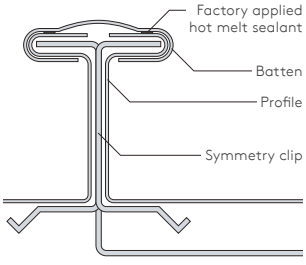
MATERIAL OPTIONS

- **Galvalume® / Zincalume® painted steel options:**
  20 GA (1.0mm) / 22 GA (0.80mm) / 24 GA (0.60mm)
- **Aluminum Options:**
  .032″ (0.80mm) / .040″ (1mm) / .050″ (1.27mm)

SYMMETRY JOINT

The panel is symmetrical and does not lap over adjacent panels, it is joined together with a mechanically seamed cap (batten) allowing for center panel replacement.

Symmetry joint

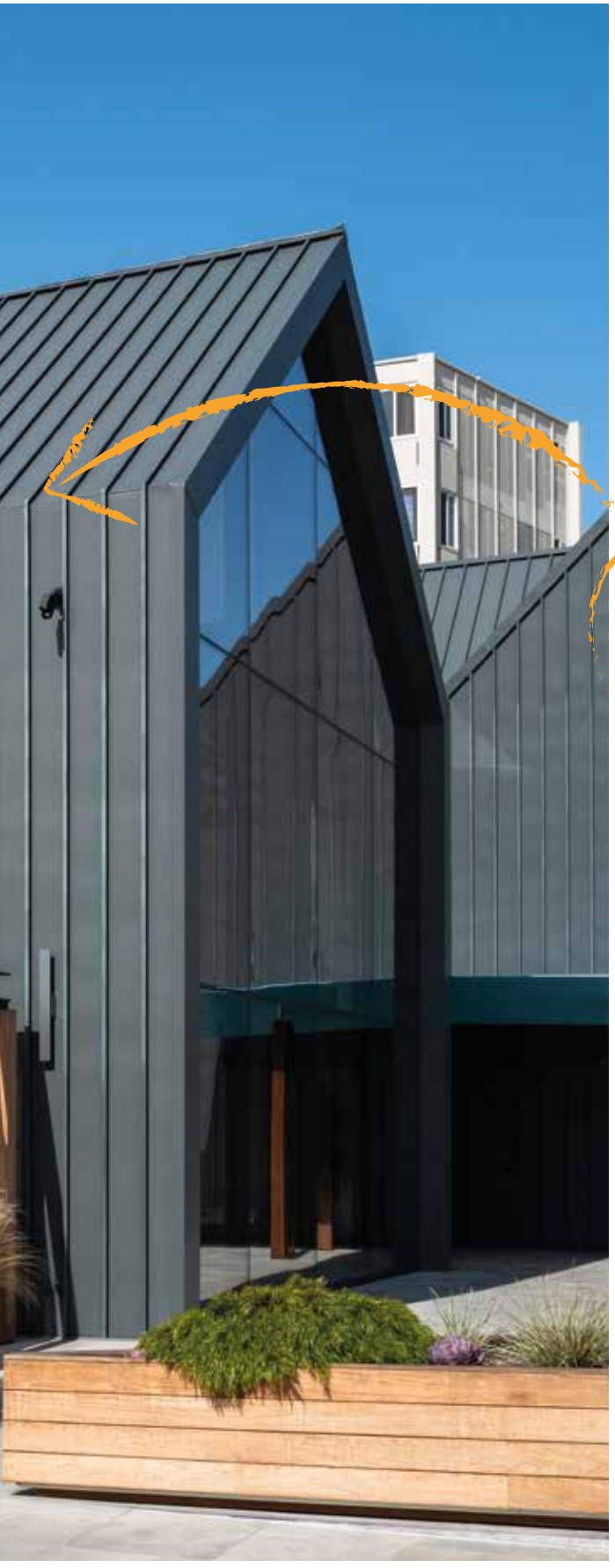


Symmetry clip

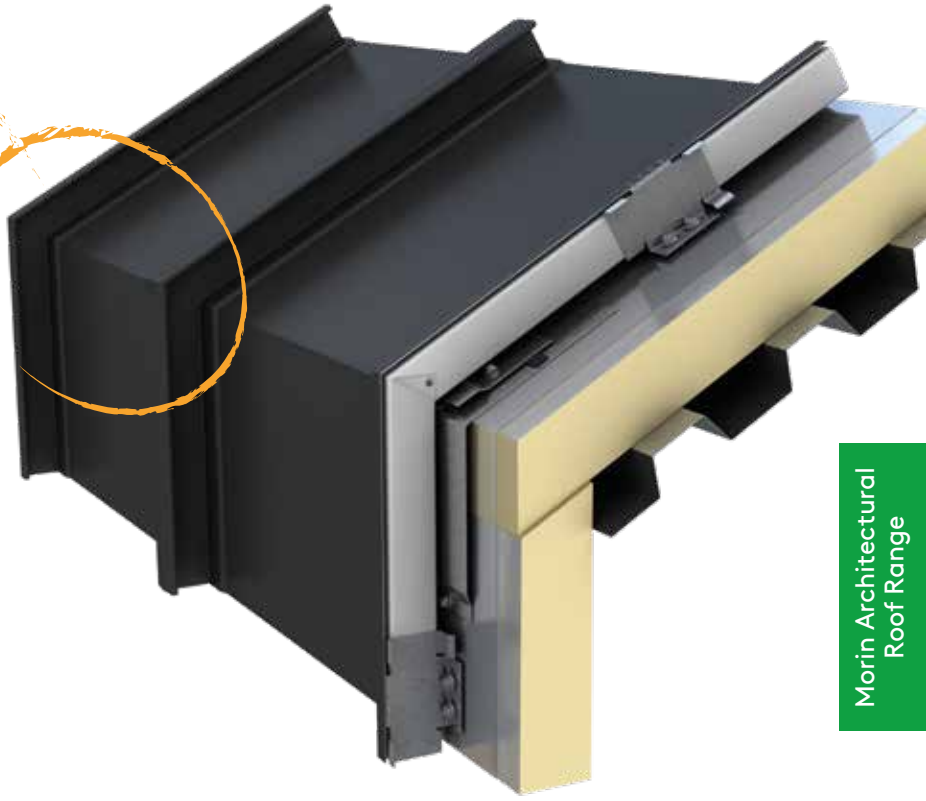
SYMMETRY SERIES

ONE PANEL. UNLIMITED DESIGN POSSIBILITIES.

Quay Work
Newport Beach, CA



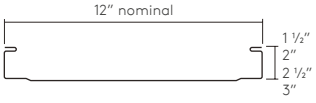
Symmetry is engineered as a high-performance standing seam roof panel designed to transition seamlessly into vertical wall applications. The result is a continuous architectural envelope that delivers clean lines, bold shadow definition, and uncompromising performance.



Eliminates visual breaks and strengthens the building's geometry. The refined rib profile enhances vertical emphasis while maintaining alignment from ridge to grade.

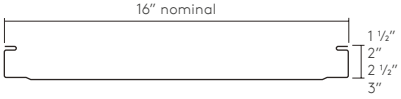
Installers benefit from working with one familiar system across both roof and wall applications, improving insulation efficiency.

SYM-12-0



Height:	1.5″, 2″, 2.5″, 3″
Width:	12″
Galvalume:	24, 22. 20 Ga
Aluminum:	.032, .040, .050

SYM-16-0

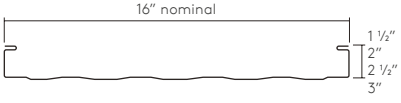


Height:	1.5″, 2″, 2.5″, 3″
Width:	16″
Galvalume:	24, 22. 20 Ga
Aluminum:	.032, .040, .050

SYM-16-3

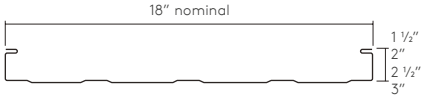
Height:	1.5″, 2″, 2.5″, 3″
Width:	16″
Galvalume:	24, 22. 20 Ga
Aluminum:	.032, .040, .050
Options:	3 rib

SYM-16-S



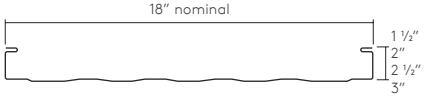
Height:	1.5″, 2″, 2.5″, 3″
Width:	16″
Galvalume:	24, 22. 20 Ga
Aluminum:	.032, .040, .050
Options:	Striated

SYM-18-3



Height:	1.5", 2", 2.5", 3"
Width:	18"
Galvalume:	24, 22. 20 Ga
Aluminum:	.032, .040, .050
Options:	3 rib

SYM-18-S



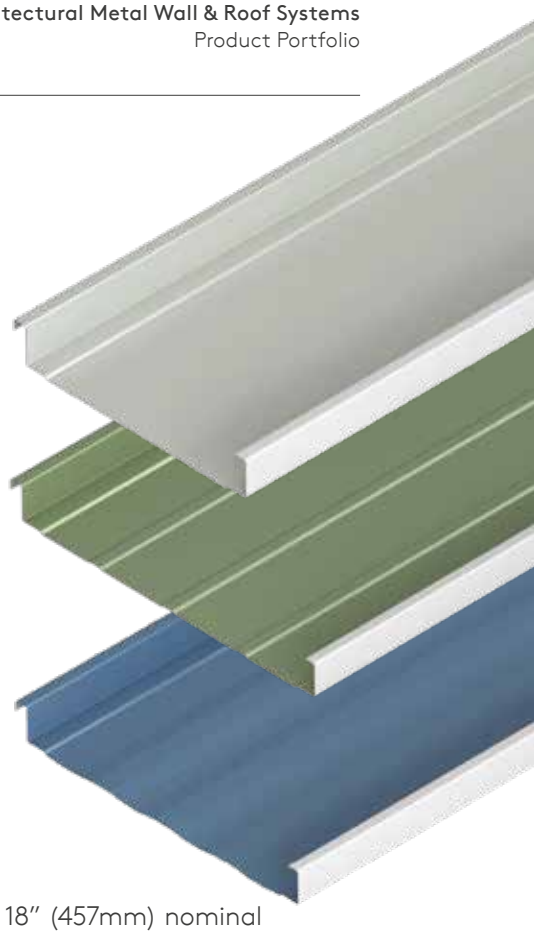
Height:	1.5", 2", 2.5", 3"
Width:	18"
Galvalume:	24, 22. 20 Ga
Aluminum:	.032, .040, .050
Options:	Striated

Quay Work
Newport Beach, CA

SLR SERIES

KC Women's Soccer Training Complex
Riverside, MO

Brookwood High School
Brookwood, AL



With versatile design selections and superior strength capabilities, the SLR Series provides architectural solutions for any project. SLR panels are standing seam roofing panels that can transition to wall.

Available in a variety of widths, rib, striations, and embossing options with a tight seam joinery making it strong, durable and ideal for environmentally challenging areas. The SLR panel also works well in curved applications, metal walls or a low slope roof.

- All PVDF finishes available
- Down to 1/2:12 minimum roof slope (double lock) and 3/4:12 minimum roof slope (single lock)
- Factory caulking is standard
- Job-site roll forming – panels can be made on-site to exact lengths

PRODUCT FEATURES

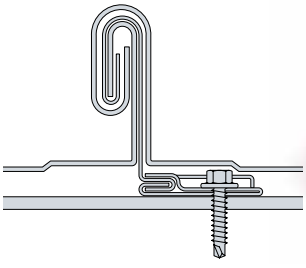
- **Panel depth:** 2″ (50.8mm)
- **Cover width:** 12″ (305mm) – 18″ (457mm) nominal
- **Lengths:** 5′ (1.52m) to 40′ (12.19m) standard. Shorter and longer lengths available

MATERIAL OPTIONS

- **Galvalume® / Zincalume® painted steel options:** 20 GA (1.0mm) / 22 GA (0.8mm) / 24 GA (0.60mm)
- **Aluminum options:** .040″ (1.0mm) / .032″ (0.8mm)
- **Stainless steel options:** 24 GA (0.60mm)
- **Zinc options:** 20 GA (1.0mm) / 22 GA (0.8mm)
- **Natural copper options:** 20 oz. / 16 oz.

SLR JOINT

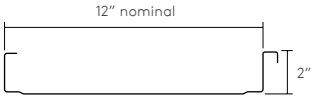
Assembly (180° Shown)



Clip

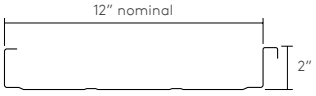
Please go to Morincorp.com for updates and latest product information.

SLR-12-0



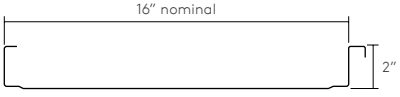
Height:	2" / 50.8mm*
Width:	12" / 305mm
Galvalume:	24, 22, 20 Ga
Aluminum:	.032, .040
Stainless steel:	24 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.

SLR-12-2



Height:	2" / 50.8mm*
Width:	12" / 305mm
Galvalume:	24, 22, 20 Ga
Aluminum:	.032, .040
Stainless steel:	24 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	2 rib

SLR-16-0

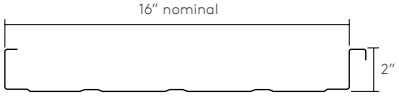


Height:	2" / 50.8mm*
Width:	16" / 406mm
Galvalume:	24, 22, 20 Ga
Aluminum:	.032, .040
Stainless steel:	24 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.

SLR-16-2

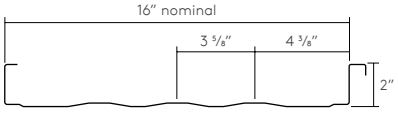
Height:	2" / 50.8mm*
Width:	16" / 406mm
Galvalume:	24, 22, 20 Ga
Aluminum:	.032, .040
Stainless steel:	24 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	2 rib

SLR-16-3



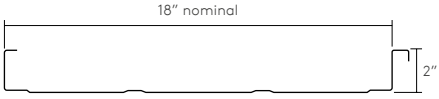
Height:	2" / 50.8mm*
Width:	16" / 406mm
Galvalume:	24, 22, 20 Ga
Aluminum:	.032, .040
Stainless steel:	24 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	3 rib

SLR-16-S



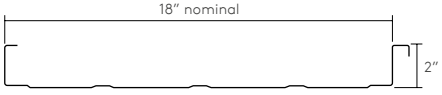
Height:	2″ / 50.8mm*
Width:	16″ / 406mm
Galvalume:	24, 22, 20 Ga
Aluminum:	.032, .040
Stainless steel:	24 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Striated

SLR-18-2

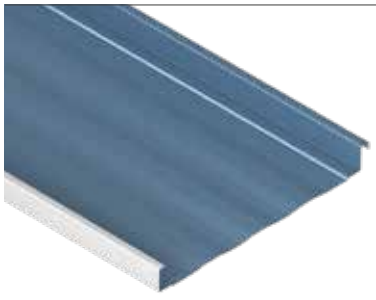


Height:	2″ / 50.8mm*
Width:	18″ / 457mm
Galvalume:	24, 22, 20 Ga
Aluminum:	.032, .040
Stainless steel:	24 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	2 rib

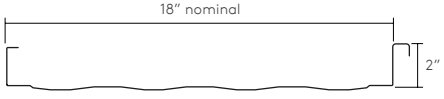
SLR-18-3



Height:	2″ / 50.8mm*
Width:	18″ / 457mm
Galvalume:	24, 22, 20 Ga
Aluminum:	.032, .040
Stainless steel:	24 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	3 rib



SLR-18-S



Height:	2″ / 50.8mm*
Width:	18″ / 457mm
Galvalume:	24, 22, 20 Ga
Aluminum:	.032, .040
Stainless steel:	24 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	Striated

MORZIP® SERIES

The California Endowment
Los Angeles, CA

The MorZip® system offers unsurpassed weather tightness with slopes as low as 1/2:12. This system is ideal for projects that involve tapering and curving. Panels may be installed as roof, wall, or both.

MorZip® is our most versatile structural standing seam roof system often utilized for high profile projects.

- Mechanically seamed side lap provides unsurpassed weather tightness at slopes as low as 1/2:12
- Hidden clip fastening eliminates need for through fasteners
- Curving capabilities include convex lay-down and mechanical curve and concave mechanical curve
- Tapered options are either a curved tapered or a straight tapered MorZip® panel
- Job-site roll forming – panels can be made on-site to exact lengths

PRODUCT FEATURES

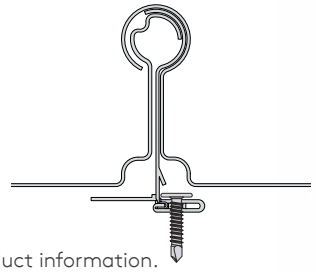
- **Panel depth:** 2.5″ (63.5mm)
- **Cover width:** 12″ (305mm) – 18″ (457mm) nominal
- **Lengths:** 5′ (1.52m) to 40′ (12.19m) standard. Shorter and longer lengths available

MATERIAL OPTIONS

- **Galvalume® / Zincalume® painted steel options:** 20 GA (1.0mm) / 22 GA (0.80mm) / 24 GA (0.60mm)
- **Aluminum options:** .032″ (0.80mm) / .040″ (1mm) / .050″ (1.27mm)
- **Stainless steel options:** 20 GA (1.0mm) / 22 GA (0.80mm) / 24 GA (0.60mm)
- **Zinc options:** 20 GA (1.0mm) / 22 GA (0.8mm)
- **Natural copper options:** 20 oz. / 16 oz

MORZIP JOINT

Assembly Detail



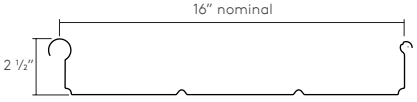
Clip

Please go to Morincorp.com for updates and latest product information.

MZ-12-2

Height:	2.5" / 63.5mm
Width:	12" / 305mm
Galvalume:	24, 22, 20 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22, 20 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	2 rib

MZ-16-2



Height:	2.5" / 63.5mm
Width:	16" / 406mm
Galvalume:	24, 22, 20 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22, 20 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	2 rib

MZ-18-2

Height:	2.5" / 63.5mm
Width:	18" / 457mm
Galvalume:	24, 22, 20 Ga
Aluminum:	.032, .040, .050
Stainless steel:	24, 22, 20 Ga
Zinc:	0.8mm, 1.0mm
Copper:	16, 20 oz.
Options:	2 rib

Tempe Center For The Arts
Tempe, AZ

SWL SERIES

East Middle School
Westminster, MD

St Elizabeth
Pleasanton, CA

The SWL profile utilizes a minimalistic snap-lock seam design for simple installation on roof or wall applications. It is ideal for installing over a weatherproof barrier as an architectural panel to shed rainwater and achieve a sleek design intent.

The SWL profile comes in a variety of widths, rib striations and embossing options. The snap-lock joinery makes assembly easy and an optional batten can provide for a clean finished look. Concealed clip and fastener design are ideal for new or retrofit projects. Smooth surface, stucco embossed, striated and pencil ribs are available.

- Roof or wall application
- All PVDF finishes available
- Down to 2:12 minimum roof slope (solid substrate)
- Factory caulking is standard
- Job-site roll forming – panels can be made on-site to exact lengths

PRODUCT FEATURES

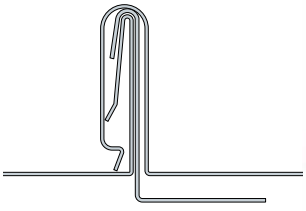
- **Panel depth:**
  1.75″ (44.45mm)
- **Cover width:**
  12″ (305mm) – 18″ (457mm) nominal
- **Lengths:**
  5′ (1.52m) to 30′ (12.19m) standard.
  Shorter and longer lengths available

MATERIAL OPTIONS

- **Galvalume® / Zincalume® painted steel options:**
  22 GA (0.80mm) / 24 GA (0.60mm)
- **Aluminum options:**
  .040″ (1mm) / .032″ (0.813mm)

SWL JOINT

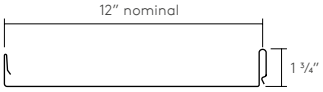
Assembly Detail



Clip

Please go to Morincorp.com for updates and latest product information.

SWL-12-0



Height:	1.75" / 44.4mm
Width:	12" / 305mm
Galvalume:	24, 22 Ga
Aluminum:	.032, .040

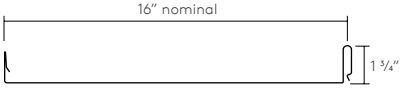
SWL-12-2

Height:	1.75" / 44.4mm
Width:	12" / 305mm
Galvalume:	24, 22 Ga
Aluminum:	.032, .040
Options:	2 rib

SWL-12-S

Height:	1.75" / 44.4mm
Width:	12" / 305mm
Galvalume:	24, 22 Ga
Aluminum:	.032, .040
Options:	Striated

SWL-16-0



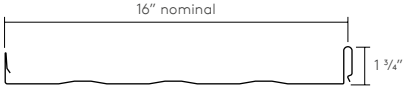
Height:	1.75" / 44.4mm
Width:	16" / 406mm
Galvalume:	24, 22 Ga
Aluminum:	.032, .040

SWL-16-2

Height:	1.75" / 44.4mm
Width:	16" / 406mm
Galvalume:	24, 22 Ga
Aluminum:	.032, .040
Options:	2 rib

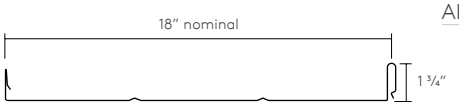
East Middle School
Westminster, MD

SWL-16-S



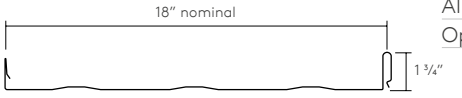
Height:	1.75" / 44.4mm
Width:	16" / 406mm
Galvalume:	24, 22 Ga
Aluminum:	.032, .040
Options:	Striated

SWL-18-2



Height:	1.75" / 44.4mm
Width:	18" / 457mm
Galvalume:	24, 22 Ga
Aluminum:	.032, .040

SWL-18-S



Height:	1.75" / 44.4mm
Width:	18" / 457mm
Galvalume:	24, 22 Ga
Aluminum:	.032, .040
Options:	Striated

COLOR OPTIONS

High-performance finishes for every project. We understand that not just color, but quality matters. By using the latest color coating technology, we can provide long lasting color.

Opt to choose from Morin's premium colors, featuring mica and metallic coatings

Morin has a range of solid standard colors formulated with a 2-coat 70% PVDF system

Select a wood grain, textured, or special effects coating system to add dimension to any metal panel facade

Need a custom color match? We can match any color or any paint system to suit your design needs

Morin proudly partners with Sherwin-Williams® paints to provide Sherwin-Williams' cool color palette – high-performance, sustainable finishes with many green benefits.

When applied to a roof, these select hues are able to contribute to several LEED® credits, including Sustainable Sites (SS) Credit: Heat Island Reduction.

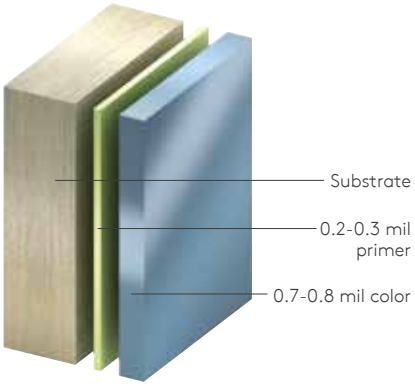
These hues are intended to reduce heat islands (thermal gradient differences between developed and undeveloped areas) to minimize impact on micro-climates and human and wildlife habitat.

As required by LEED's Sustainable Sites (SS) Credit, Sherwin-Williams' cool color palette is ENERGY STAR compliant, specifying highly reflective and high-emissivity roofing (emissivity of at least 0.9 when tested in accordance with ASTM 408) for a minimum of 75% of the roof surface.

PROUDLY FINISHED WITH
SHERWIN-WILLIAMS.
Coil Coatings

STANDARD COLOR OPTIONS

Two-coat Fluropon® coatings (fluoropolymer) containing 70% polyvinylidene difluoride (PVDF) resins that meet or exceed the most rigorous ASTM and AAMA 2605 standards, providing exceptional durability for exterior metal building products.



Information and samples

Surrey Beige
SR:0.48 E:0.86 SRI:54

Chromium Gray
SR:0.48 E:0.85 SRI:54

Zinc Gray
SR:0.35 E:0.86 SRI:37

Dove Gray
SR:0.47 E:0.86 SRI:53

Sandstone
SR:0.61 E:0.85 SRI:72

Regal White
SR:0.70 E:0.86 SRI:85

Bone White
SR:0.69 E:0.84 SRI:83

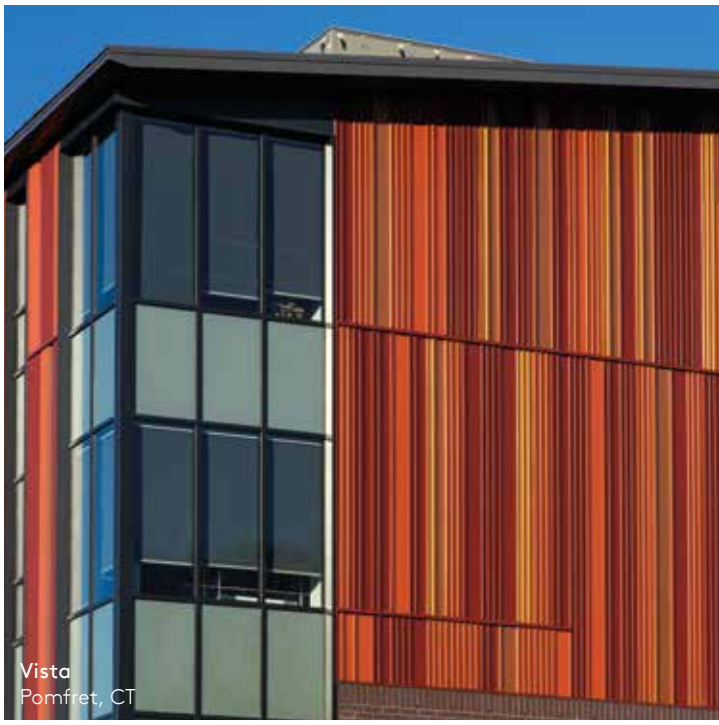
Ascot White
SR:0.69 E:0.85 SRI:83

Redwood
SR:0.38 E:0.88 SRI:42

Colonial Red
SR:0.32 E:0.88 SRI:34

Driftwood
SR:0.45 E:0.86 SRI:50

Mission Bay Apartments
San Francisco, CA



Vista
Pomfret, CT

Parchment
SR:0.53 E:0.85 SRI:61

Antique Bronze
SR:0.43 E:0.86 SRI:48

Spartan Bronze
SR:0.31 E:0.85 SRI:31

Patina Green
SR:0.41 E:0.84 SRI:44

Dark Bronze
SR:0.29 E:0.88 SRI:30

Regal Blue
SR:0.26 E:0.85 SRI:24

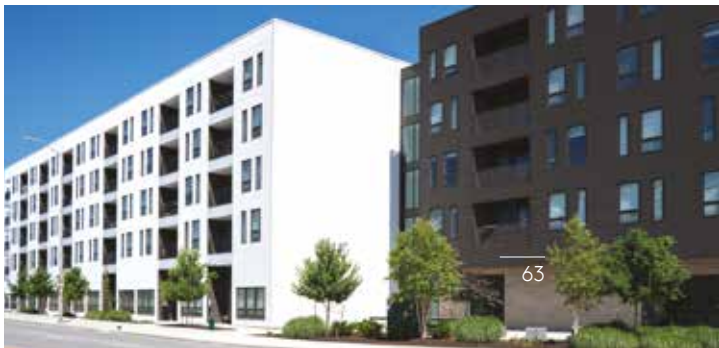
Blue Gray
SR:0.27 E:0.85 SRI:26

Evergreen
SR:0.28 E:0.86 SRI:27

Colors and Finishes

Slate Blue
SR:0.31 E:0.87 SRI:32

Bristol Black
SR:0.26 E:0.86 SRI:25



Silversmith
SR:0.53 E:0.79 SRI:59

Champagne Bronze
SR:0.44 E:0.82 SRI:47

Champagne Pearl
SR:0.50 E:0.85 SRI:57

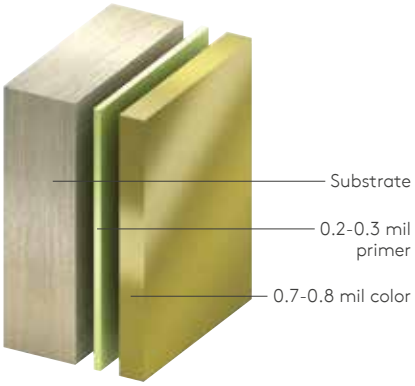
Weathered Zinc
SR:0.33 E:0.86 SRI:34

Copper Penny
SR:0.46 E:0.87 SRI:52

PREMIUM COLOR OPTIONS – MICA

FLUROPON® CLASSIC II PVDF

Fluropon® Classic II PVDF – two-coat Fluropon (fluoropolymer) system containing 70% polyvinylidene difluoride (PVDF) resins that meet or exceed the most rigorous ASTM performance and utilize mica-based pigmentation to deliver a subtle or bold metallic appearance without the need for a clear coat.



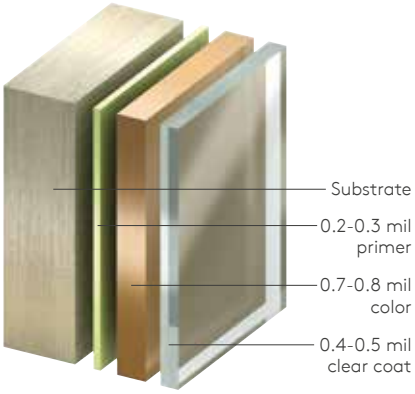
Information and samples

Google Cloud Campus
Seattle, WA

PREMIUM COLOR OPTIONS – METALLIC

FLUROPON® CLASSIC PVDF

Fluropon® Classic PVDF – three-coat Fluropon (fluoropolymer) system containing 70% polyvinylidene difluoride (PVDF) resins that meet or exceed the most rigorous ASTM performance with a special metallic effect color coat and a clear coat for added shine and protection.



Medium Gray
SR:0.38 E:0.84 SRI:42

Children's Hospital Utility Plant
Cincinnati, OH

Bright Silver
SR:0.56 E:0.77 SRI:62

Champagne Gold
SR:0.50 E:0.88 SRI:58

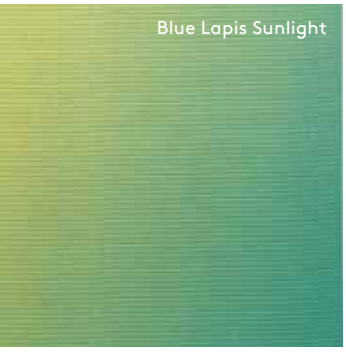
Colors and Finishes

Arkansas Children's Hospital
Pine Bluff, AR

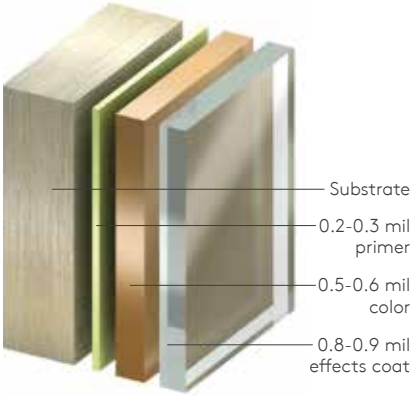
Pewter
SR:0.23 E:0.90 SRI:23

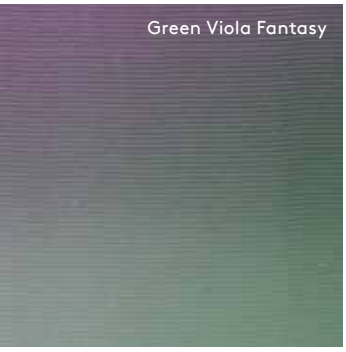
PREMIUM COLOR OPTIONS – KAMELEON

FLUROPON® EFFECTS



Fluropon® Effects Kameleon – three-coat Fluropon (fluoropolymer) system containing 70% polyvinylidene difluoride (PVDF) resins that meet or exceed the most rigorous ASTM performance and creates an eye-catching color shift.





Woodland Residence
Woodland, CA

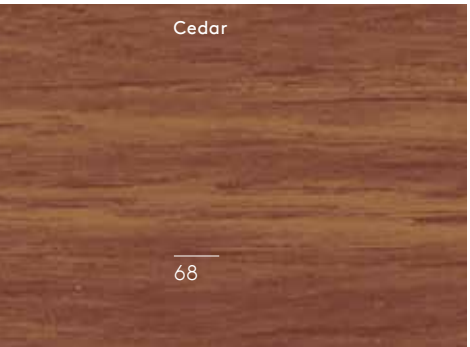
Limberlost Place
Toronto, ON - Canada

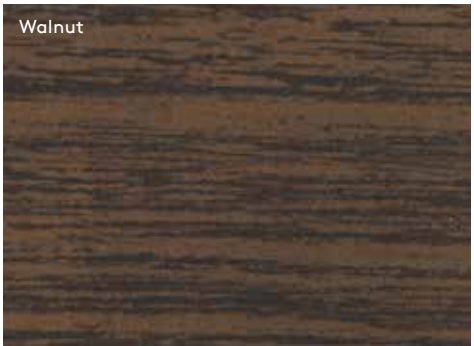
LIMITLESS CUSTOM FINISH OPTIONS

The colors and finishes shown represent only a small selection of available options. Morin collaborates with project teams to develop custom solutions that bring each design vision to life. Contact us to explore additional possibilities and request samples tailored to your project.

Information and samples

Wood print effect



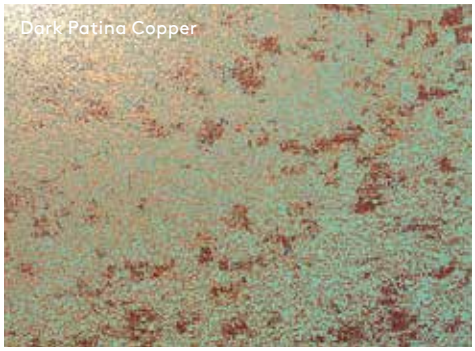


The Laurent
Cambridge, MA

Weathered metal effect

Old Sierra Rust

Classic Rust



Dark Patina Copper

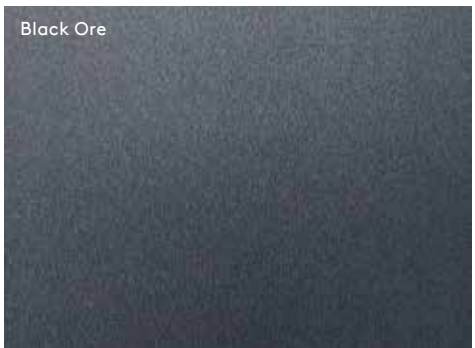
Midnight Hour

White Rust

Natural metal effect

LuxOre Zinc

Red Zinc Ore



Black Ore

Chromium Ore

Green Zinc Ore

ADDITIONAL COLOR OPTIONS

Paint Systems

Application, location, and budget are all important factors to consider when selecting the paint system that is best for your project. Morin is here to guide you through all the options and make the process as simple as possible.

- Applications: Exterior metal building components, walls and roofing, composite panels, curtain walls
- Superior weathering / UV resistance
- Excellent chalk, fade and stain resistance
- Softer finish that can be modified through formulation – AAMA 2605 rated

Kirkland Ranch
Academy of Innovation
Wesley Chapel, FL

Fluropon 70% PVDF metal coating system from Sherwin Williams offers a range of advantages that make it a preferred choice for various applications. Firstly, its 70% polyvinylidene fluoride (PVDF) composition provides exceptional durability, ensuring long-lasting performance in harsh environments.

The coating system exhibits superior resistance to UV radiation, extreme weather conditions, and chemical exposure, thereby maintaining its vibrant color and gloss over an extended period.

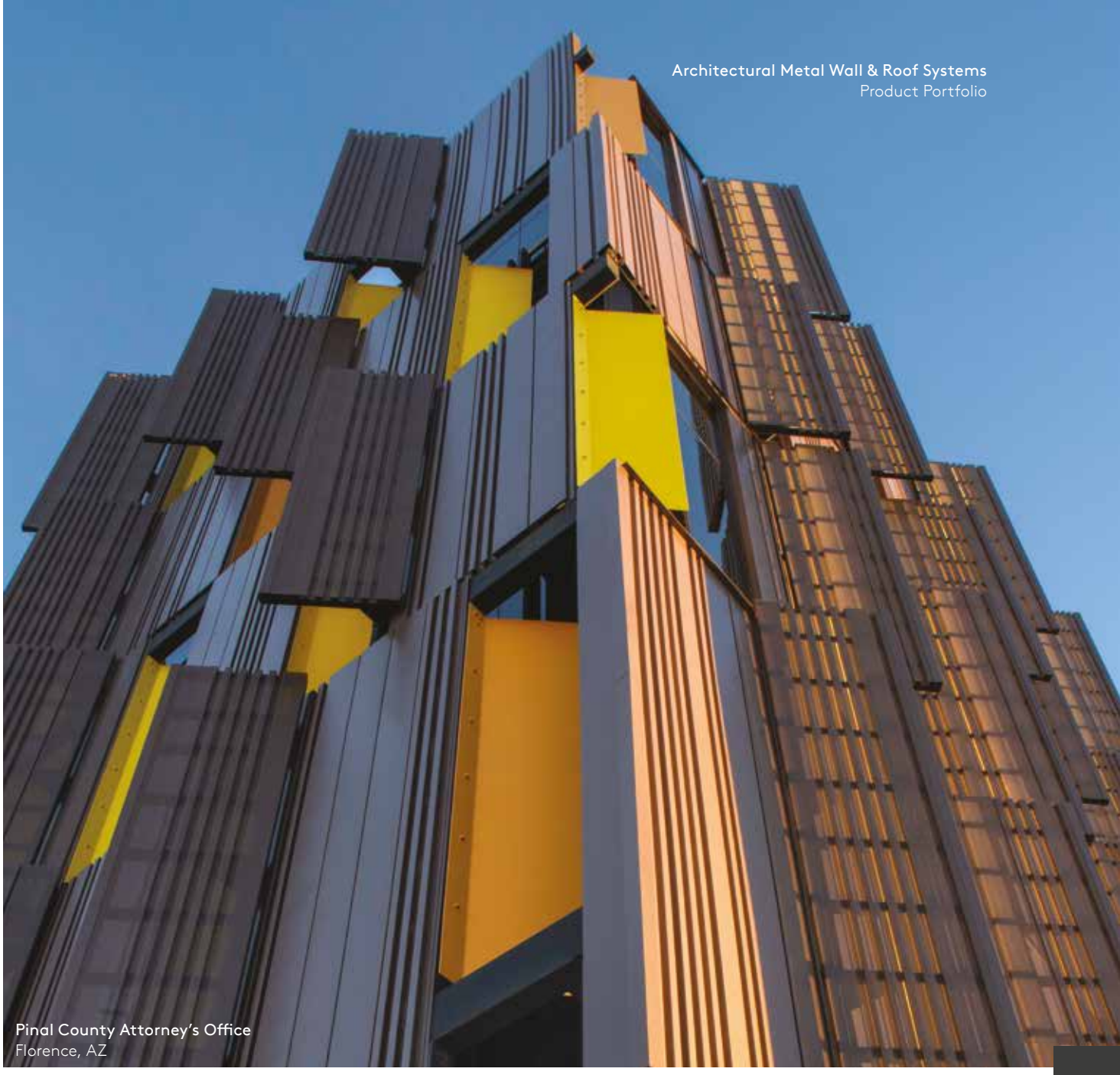
Fluropon 70% PVDF also offers excellent abrasion and corrosion resistance, protecting the underlying metal substrate from damage. Moreover, the coating system boasts exceptional color retention, reducing the need for frequent maintenance and repainting.

With its advanced technology and exceptional performance characteristics, Fluropon 70% PVDF metal coating system ensures enhanced aesthetics, durability, and longevity for a wide range of architectural and industrial applications.

Custom Color Matches

Achieve virtually any tint, shade or finish quickly and accurately.

Morin makes it easy to add visual distinction and protection to your next project. To get started, contact us today.



Pinal County Attorney's Office
Florence, AZ

Additional Information

- Check with your Morin representative for warranties and specifications for different paint systems.
- Colors in this brochure are representations of the actual color and should be used solely for design guidance. Physical metal color chips are available upon request.
- All finish options available for all panels.

To see the color range please scan or click here.

Betty H Fairfax High School
Laveen Village, AZ

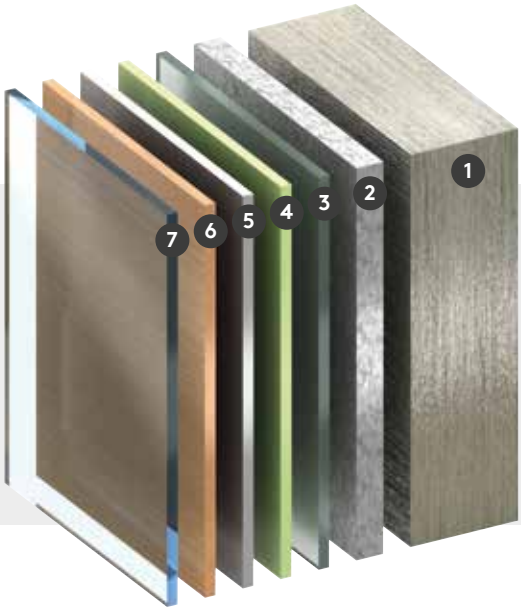
DIGITAL PRINTING TECHNOLOGY

INNOVATIVE HIGH-DEFINITION DIGITAL PRINTING PROCESS FOR STEEL COILS.

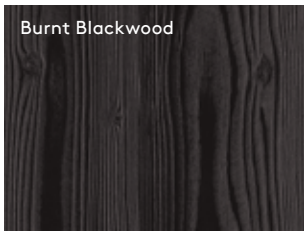
High-resolution images of natural materials such as wood or stone are printed directly to the steel sheet using proprietary large-format digital printing techniques. The result is stunningly realistic, allowing our end users to entirely replace wood, stone, or vinyl siding with this durable steel product without compromising on appearance.

- Made in the USA
- Custom and standard options
- Authentic, non-repeating patterns up to 32 feet long
- High-definition, 400 dpi printing
- Realistic patterns
- Up to 93% recycled content
- Up to 20 years warranty

1. Cold rolled steel base
2. Galvanized/Galvalume® coating
3. Pretreatment
4. Primer coat
5. Top coat
6. High definition image
7. UV protective clear coat



WOODGRAINS


Burnt Blackwood

Dark Rough Sawn Cedar

Natural Hickory

Blonde Zebrawood

STONE AND NATURE

Acadial Ledgestone

Dusty Gray Stone

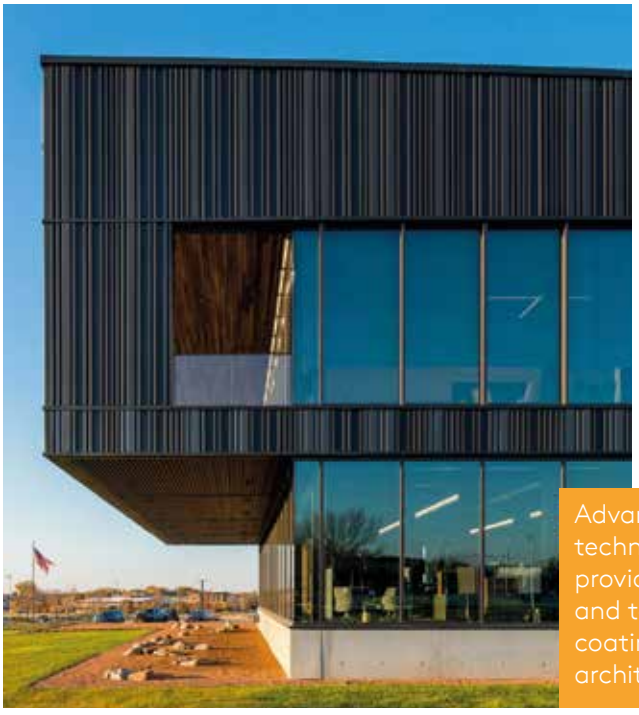
Granite

Mossy Oak Cammo

NON-PAINT FINISHES AND TECHNIQUES

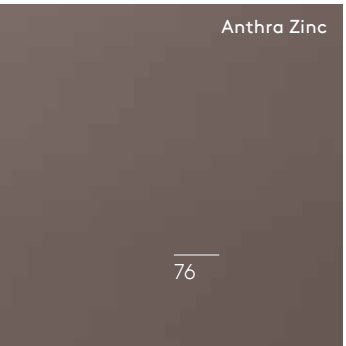
Create a unique facade with our superior paint finishes.

Long-term durability with minimal maintenance and no repainting required.



Advanced Non-paint technique: Weathered steel provides rich color, depth, and texture without applied coatings, creating a distinctive architectural finish.

Authentic, natural aesthetic that evolves over time and enhances architectural value.



NATURAL DURABILITY OF ZINC METAL

Organic metal with a natural patina, long lasting, used as durable roof and wall material for centuries.

Zinc is a highly durable and sustainable material with a shiny, semi-bright finish that develops a protective, dull grey patina over time, it is an abundant element found in Earth's crust and is 100% recyclable.

Zinc also requires less energy for production than other metals due to its lower melting point and is highly resistant to corrosion requiring little or no maintenance.

The zinc colors and finishes shown in this brochure represent a curated selection. For the full range of available zinc colors please visit:

ELZINC

VM Zinc

C.D. Smith Construction Headquarters
Fond du Lac, WI

ANODIZED ALUMINUM

Create a unique and stylish finish with unmatched corrosion resistance.

For a premium, timeless look, anodized aluminum delivers varied natural tones that enhance the building's appeal over time and offers many inherent benefits including, cost and production efficiencies, beauty and versatility. Our anodized finishes come with a surface warranty of up to 70 years, ensuring long-lasting performance and beauty. These finishes bring versatility and enduring quality to every architectural design. Bring your design vision to life, select from a wide array of standard colors or request a custom color match to create a unique aesthetic. Extensive color range available, contact us.

The anodized finishes shown in this brochure represent a curated selection. For the full range of anodized aluminum colors, please visit Lorin Industries.

Muskegon Museum of Art
Muskegon, MI

Clear Matt
Anodized Aluminum

Black Matt
Anodized Aluminum

Medium Bronze
Anodized Aluminum

Dark Bronze
Anodized Aluminum

Antique Brass
Anodized Aluminum

Light Bronze
Anodized Aluminum

Champagne Gold
Anodized Aluminum

Dark Copper
Anodized Aluminum

Copper Penny
Anodized Aluminum

Silver White
Anodized Aluminum

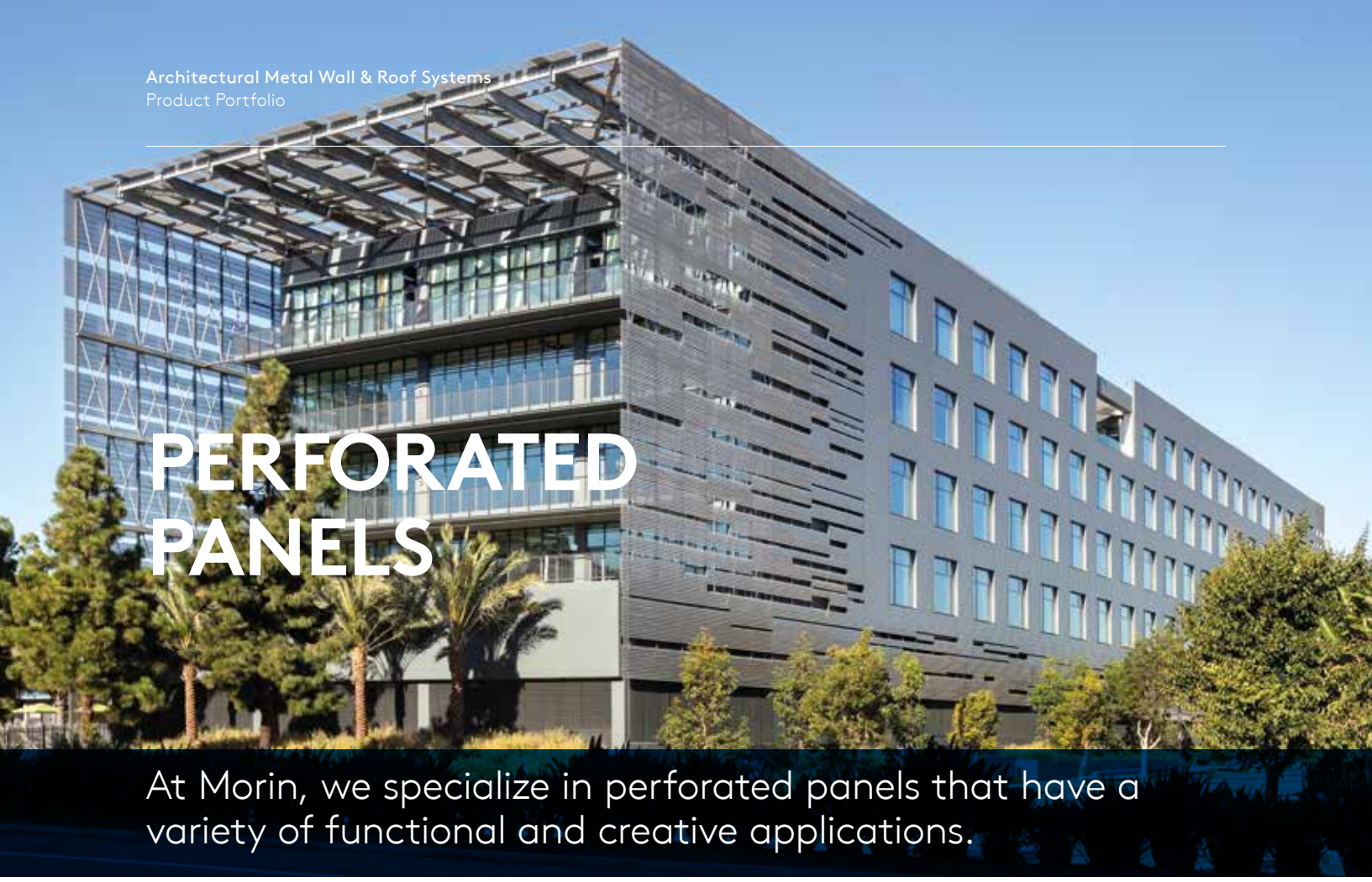
DESIGN OPTIONS

The Morin aesthetic offering is supported by our range of design options that are also available in a range of colors, metallics and non metallics, this enables us to produce eye-catching and unique architectural features.

Various colors, module sizes and shapes available – a myriad of aesthetic effects can be achieved

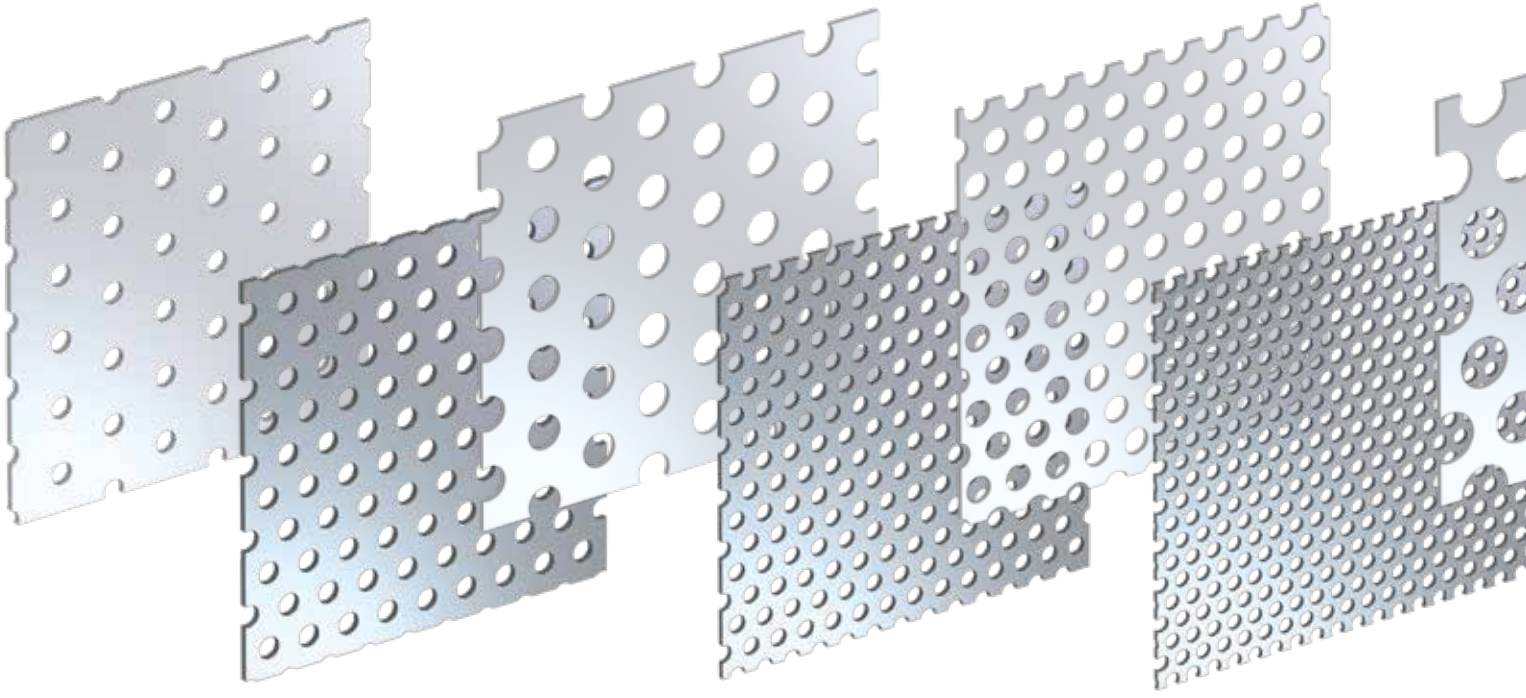
Custom perforations, mitreseam corners, to trimless ends, all our products are custom designed and fabricated

PARKING



PERFORATED PANELS

At Morin, we specialize in perforated panels that have a variety of functional and creative applications.



1/8″ hole
3/8″ spacing
10% open area

1/8″ hole
1/4″ spacing
23% open area

1/4″ hole
1/2″ spacing
23% open area

1/8″ hole
7/32″ spacing
30% open area

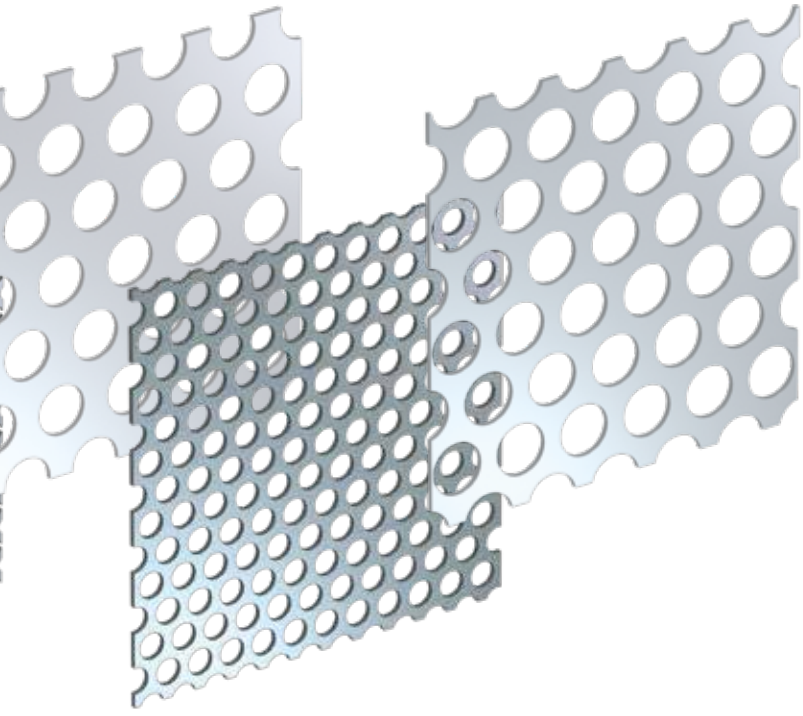
3/16″ hole
5/16″ spacing
33% open area

1/8″ hole
3/16″ spacing
40% open area

We can also perforate custom patterns and designs, contact us for more information

We constantly find new uses for perforations and are prepared to offer unique solutions for every design. All perforations are produced in-house which decreases costs and helps with lead times.

The many architectural applications of Morin perforated panels include passive solar shading, control of light and sound, screening in parking garages and stair towers, or to simply obscure mechanical equipment.



3/8″ hole
9/16″ spacing
40% open area

3/16″ hole
1/4″ spacing
51% open area

3/8″ hole
1/2″ spacing
51% open area

SUGGESTED MATERIALS AND GAUGES

- **Aluminum:** .032″ / .040″ / .050″
- **Stainless steel:** 24 / 22 / 20 gauge
- **Zinc:** 0.8 mm / 1.0 mm
  (minimum hole size for zinc 3/16″)

Check with your local Morin representative for all of our perforating capabilities.

All Morin profiles are available with perforations

Notes: All perforation patterns are shown with direction of coil / panel length from left to right.

Patterns shown are representative of scale. Physical samples are available upon request.

Color coating on both sides is available at an extra cost, otherwise backside will have a standard washcoat.

Material is painted prior to perforating.

Perforated galvalume is subject to rust in exterior conditions, available for interior applications only.

Please go to Morincorp.com for updates and latest product information including exact patterns and coil directions.

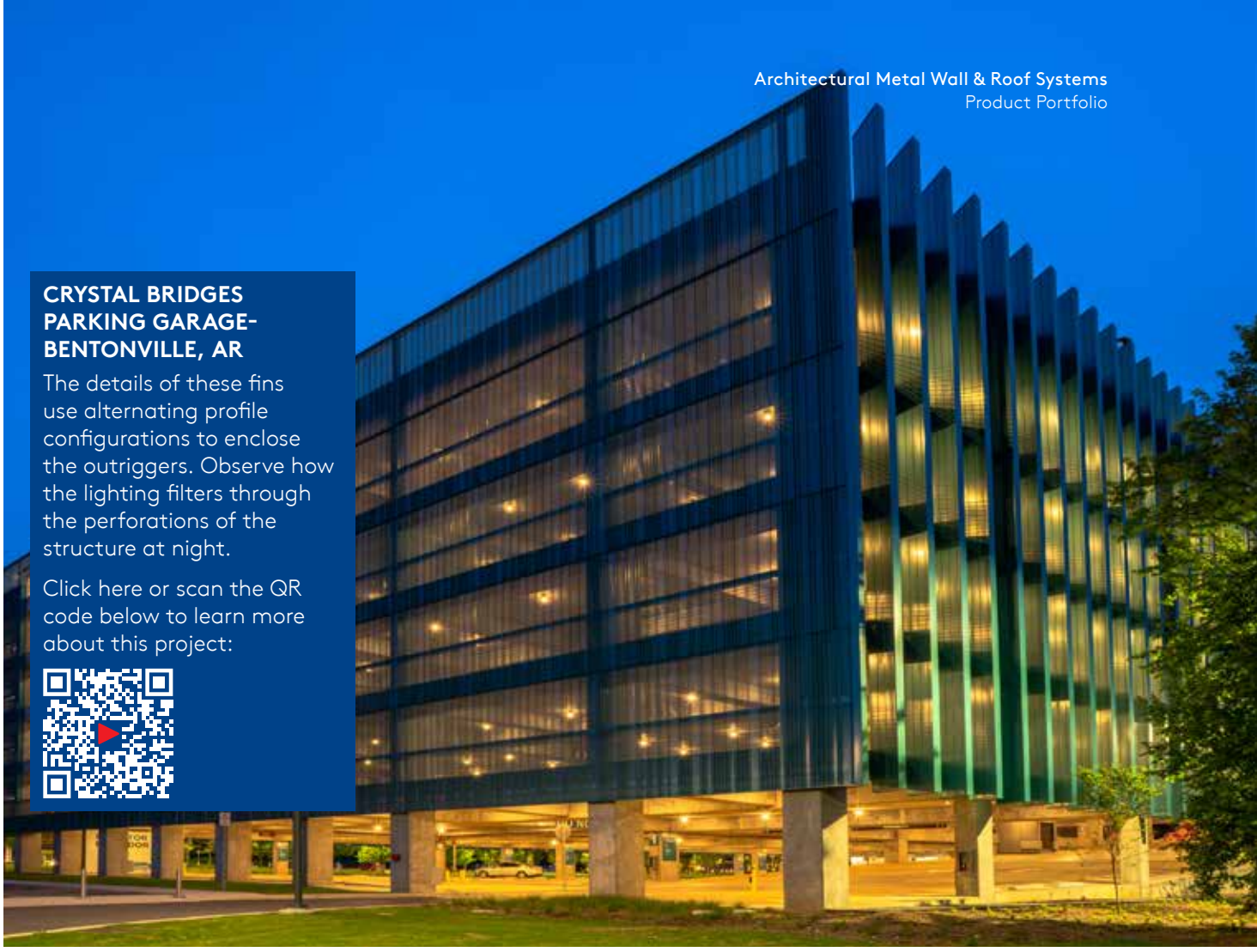
Kilroy Oyster Point
South San Francisco, CA

Custom patterns have many uses and can be utilized for screenwalls, sunshades, and many more applications.

SUGGESTED APPLICATIONS

- Sunshade / light filtering
- Noise reduction
- Screening
- Airflow and ventilation
- Wind reduction
- Fencing and barriers

Google Offices
New York, NY



CRYSTAL BRIDGES PARKING GARAGE-BENTONVILLE, AR

The details of these fins use alternating profile configurations to enclose the outriggers. Observe how the lighting filters through the perforations of the structure at night.

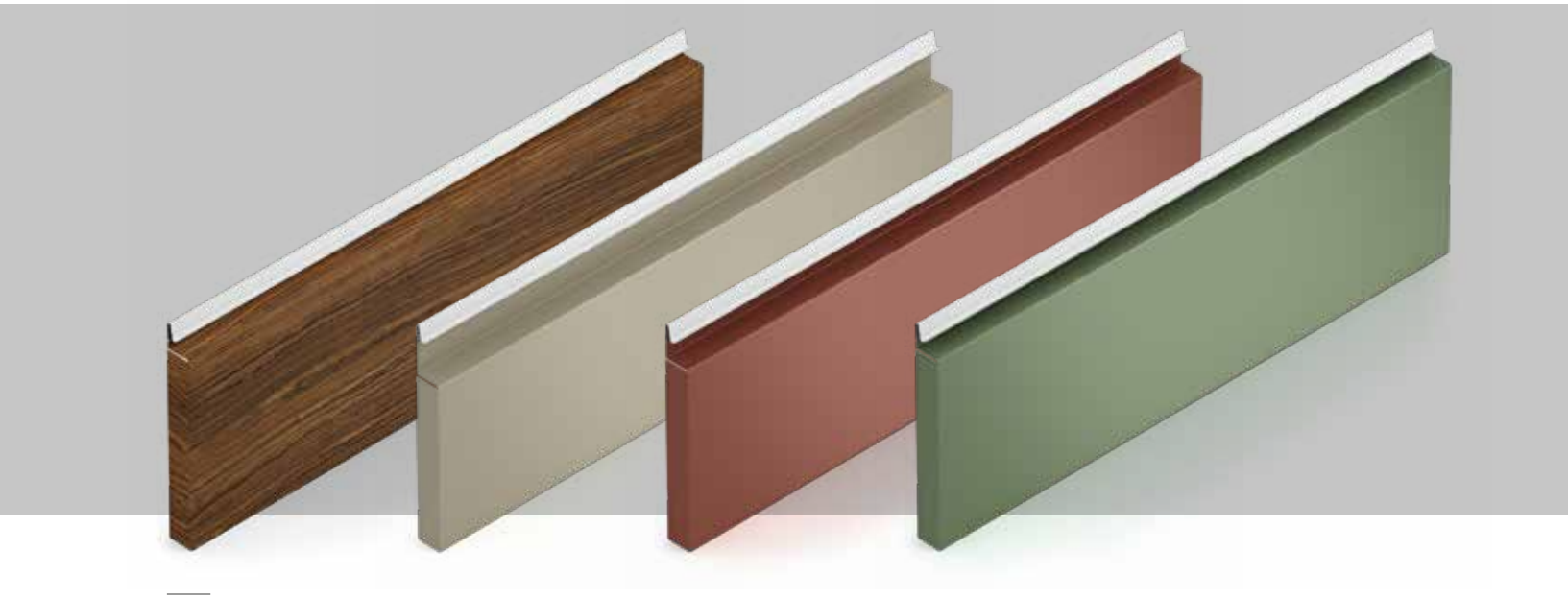
Click here or scan the QR code below to learn more about this project:

Nike – LA Garage
Beaverton, OR

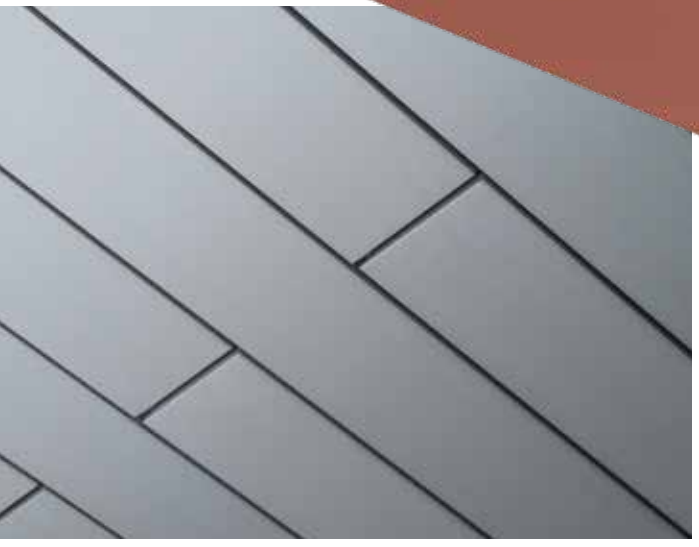
TRIMLESS ENDS

COMPLETE THE LOOK WITH AN UPGRADED FAÇADE

Google NYC
New York, NY



By folding the ends of the panel, we can create a highly architectural look without breaking your budget.



Specify trimless ends on your next project to take metal panel facades to a new level, premium cassette style facade.

CURVED PANELS

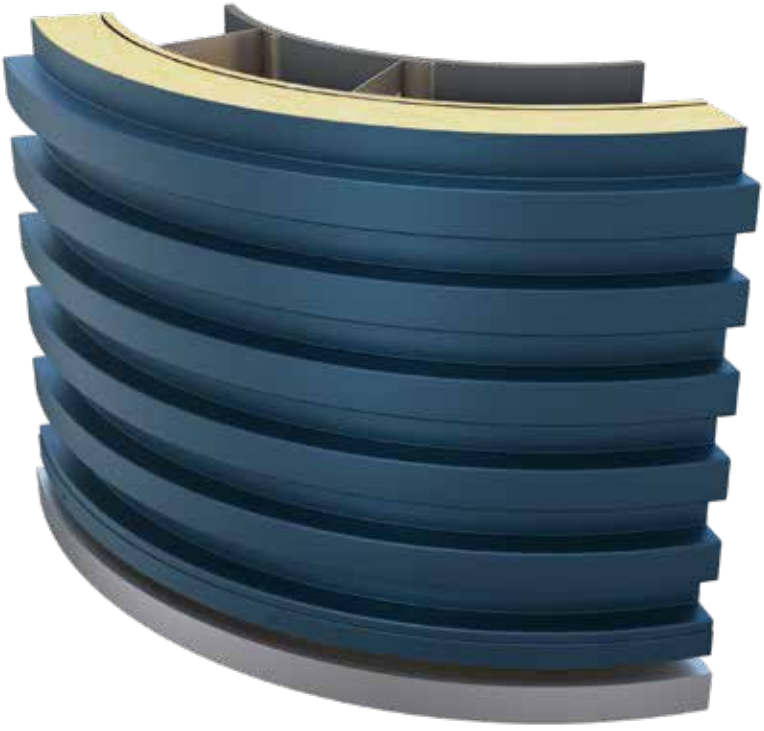
ADD DIMENSION TO YOUR PROJECT

Chapman Middle School
Weymouth, MA

CURVED PANEL PROJECT, CHICAGO

Utilizing curved 0-24

For a tight radius, the panels are mechanically curved and are ready for installation. For a long radius, we provide machinery and support for adding just the right bend to the panels specifically for your project.



Smith 9th Street Station
Brooklyn, NY

FACTORY CORNERS

Crystal Bridges Museum of American Art Parking Garage
Bentonville, AR

BLUE SKY CENTER BURLINGTON, MA

The 25 Network Drive project located in Burlington, MA, was designed by SGA Architects in Boston. This project features five box profiles made from aluminum, all in a uniform color.

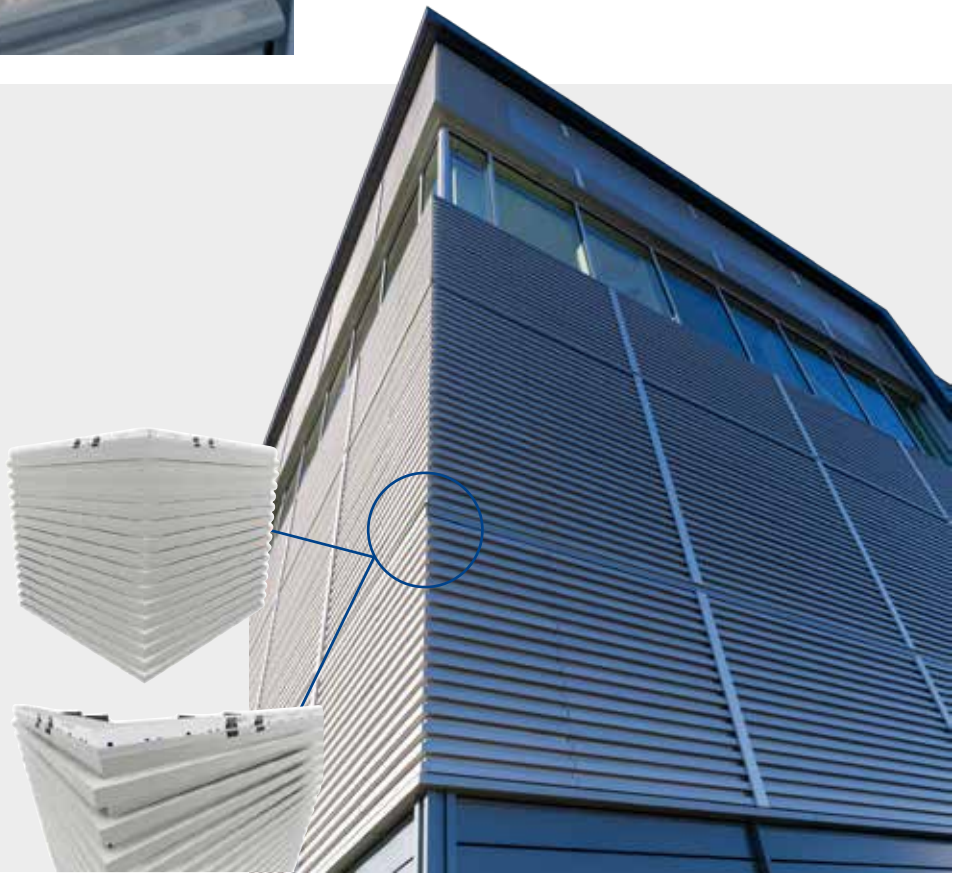
Additionally, it uses a variety of aluminum extrusions instead of the standard formed trim.

Our miterseam corners are structurally bonded and fabricated from the same materials as adjacent panels, ensuring a seamless color match. We can supply corners at various angles and lengths to suit a multitude of design details.

This project showcases an alternative method for detailing building corners using factory-mitered corner panels. This approach is ideal for achieving clean lines and seamless transitions between different elevations.

However, there are some limitations related to handling and shipping. For instance, it is generally advisable to limit the size of corner panels to no more than 2′ x 2′. While there may be exceptions, this is the standard practice.

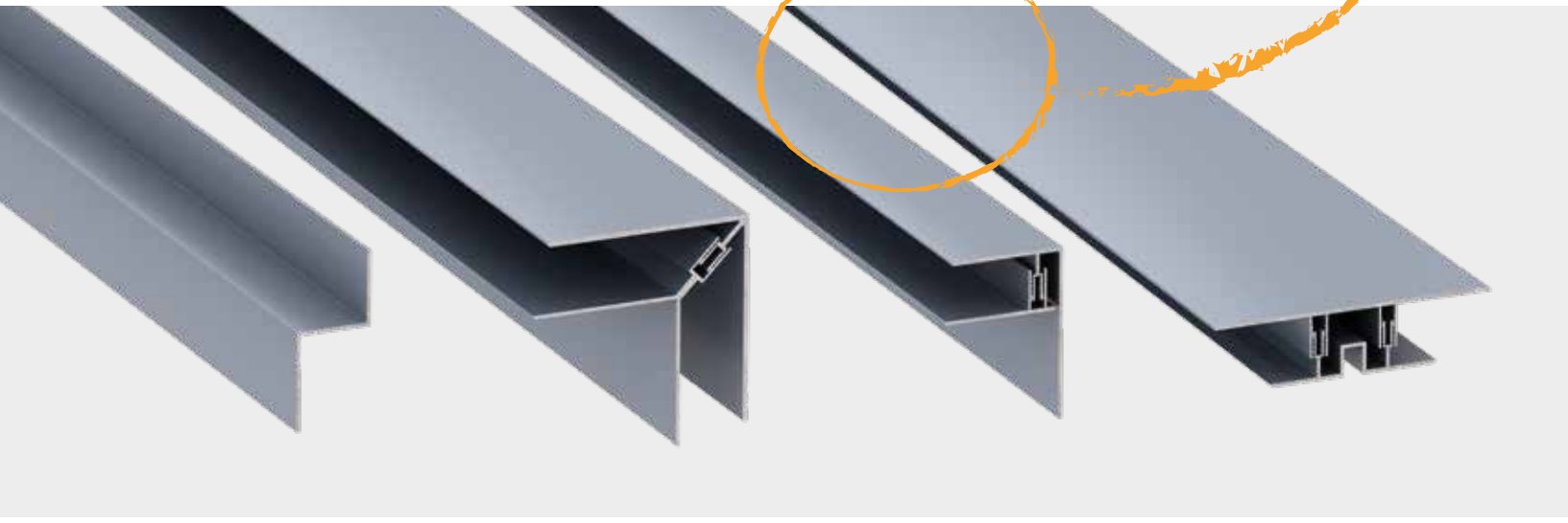
Most panels in this horizontal application can be provided with one-piece corners.



EXTRUSIONS

LOW PROFILE SOLUTIONS FOR HIGH PROFILE PROJECTS

Blue Sky Center
Burlington, MA



Upgrade any project with aluminum extrusions. Extrusions made from aluminum are corrosion resistant and offer the advantage of being lightweight, but generally thicker and stronger than standard trim.

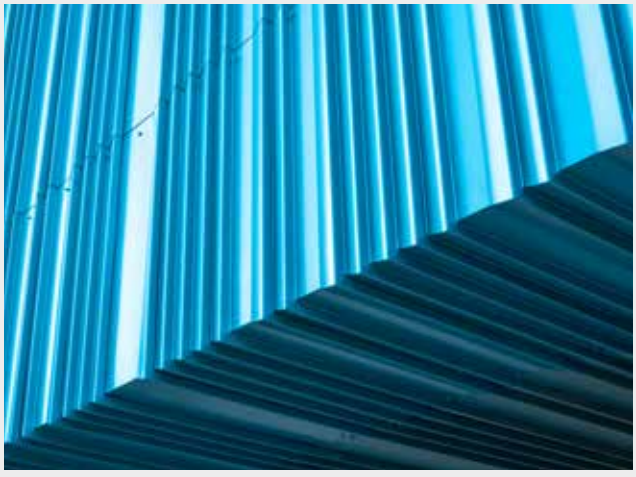
We offer standard extrusions for all concealed fastener panels.

Extrusions may be color-matched to incorporate seamlessly with the wall panels.

DESIGN FREEDOM LET YOUR IMAGINATION RUN FREE

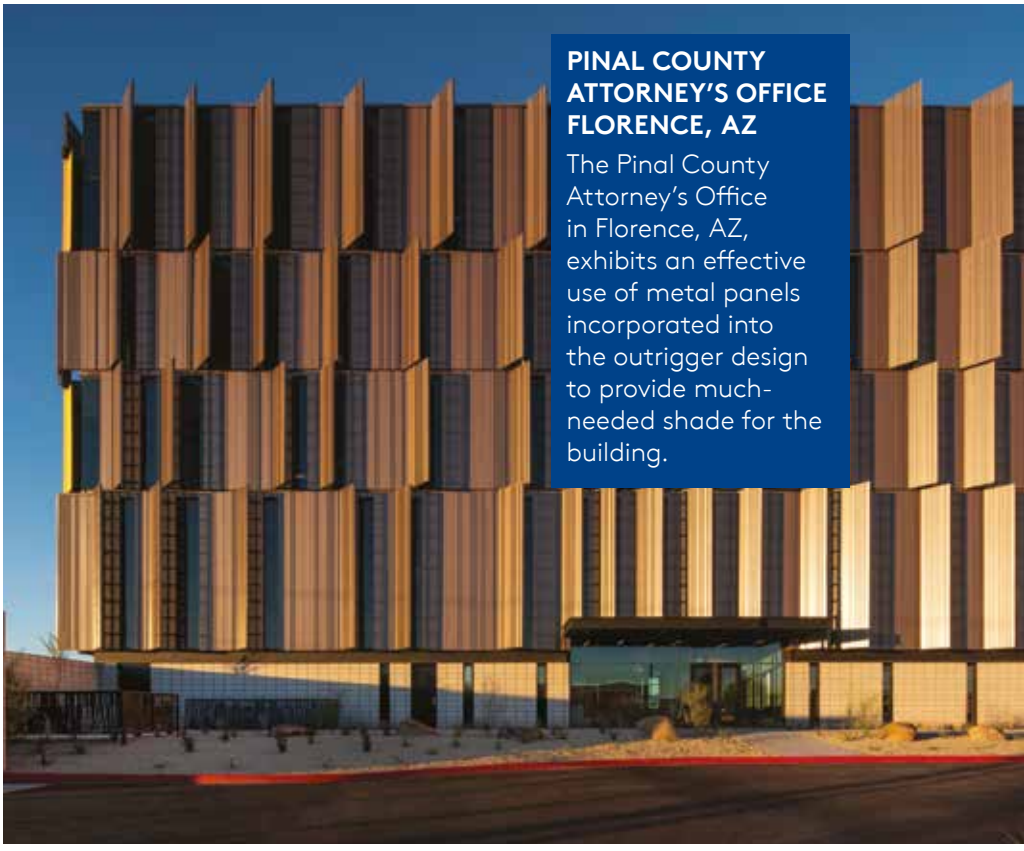
CREATIVE DESIGN

Morin architectural metal panels extend beyond traditional wall applications. With thoughtful detailing and creative integration, our panels can be utilized as railing infill systems, screening elements, sunshades, soffits, and distinctive building enhancements.



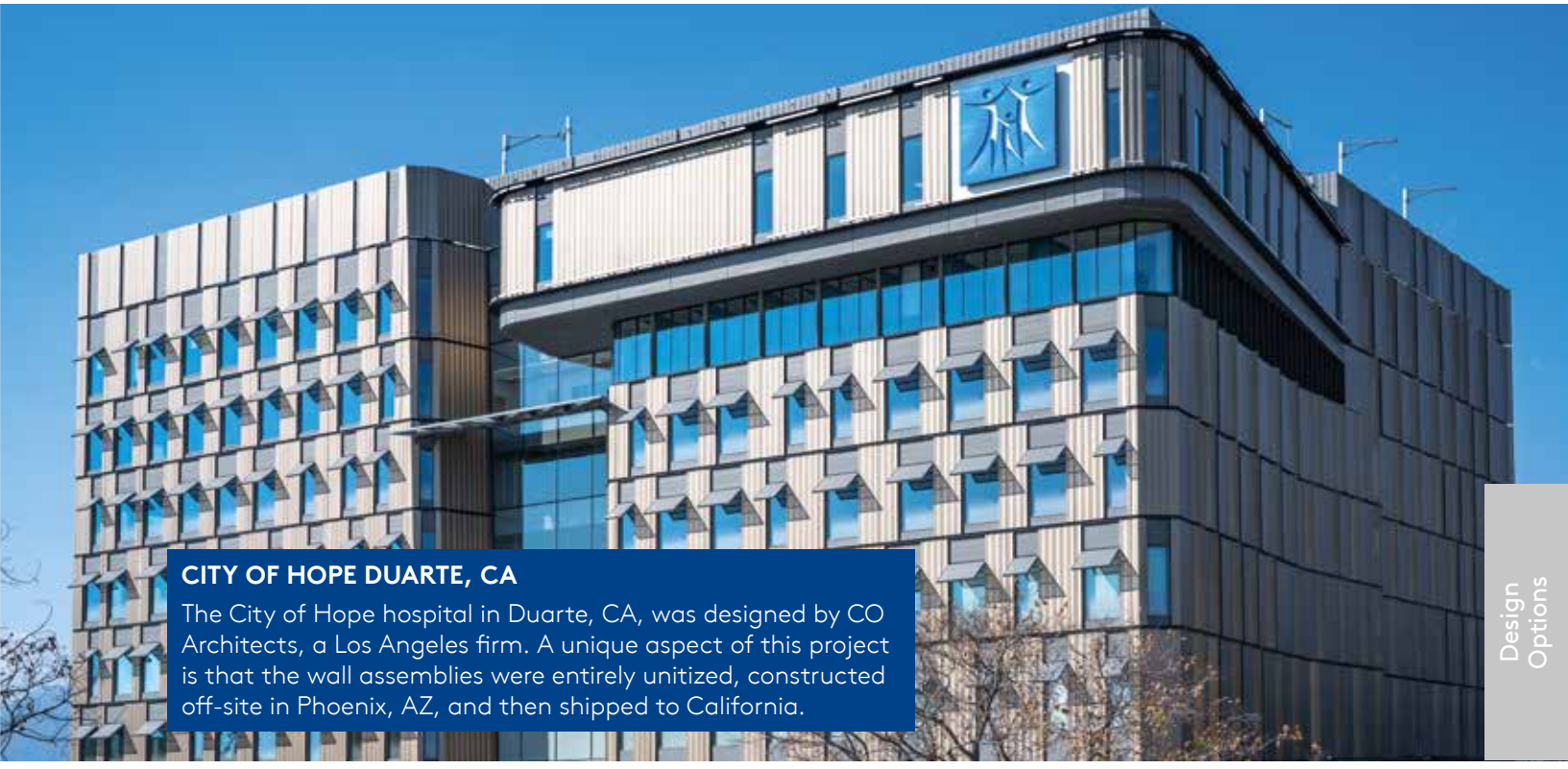
DON'T COMPROMISE ON DESIGN FOR FUNCTION

To create a completely seamless look, we fabricate cosmetic or non-functioning louver blades, flares or rails to match any profile and integrate with the adjacent panels in material, shape, and finish. They can be designed to allow a pre-determined open area for specific ventilation requirements or simply for design flare.



PINAL COUNTY ATTORNEY'S OFFICE FLORENCE, AZ

The Pinal County Attorney's Office in Florence, AZ, exhibits an effective use of metal panels incorporated into the outrigger design to provide much-needed shade for the building.

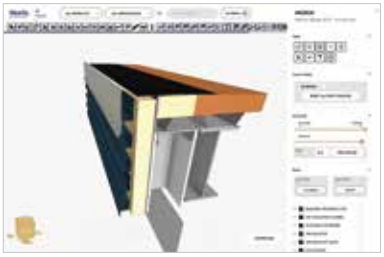


CITY OF HOPE DUARTE, CA

The City of Hope hospital in Duarte, CA, was designed by CO Architects, a Los Angeles firm. A unique aspect of this project is that the wall assemblies were entirely unitized, constructed off-site in Phoenix, AZ, and then shipped to California.

MORIN DIGITAL AND TECHNICAL SUPPORT

At Morin we believe innovation goes beyond manufacturing metal panels. Our commitment is to partner with architects, engineers and designers to provide digital solutions that reduce complexity and accelerate every project.



3D DETAILS

We supply interactive 3D details that bring every component to life. These details can be extracted apart to show each detail and assembly sequences, showing exactly how each item is installed.

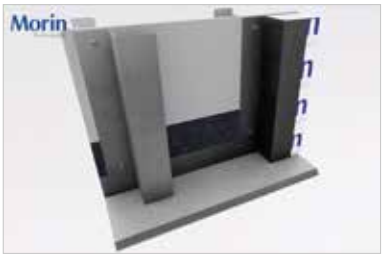
You are also able test different color schemes on your 3D details, giving you a greater image of how your final project will look.

You can also access BIM data directly within the 3D model.

VISUALIZATION

With our visualization packages, your boldest concepts can be brought to life. We can transform a simple sketch or enrich your own renderings with Morin panels, finishes and textures.

We can then apply your design to the projects real location, giving you confidence you are choosing the right finishes.



INSTALLATION

To make the installation process as straightforward as possible, we are working to transform traditional 2D details into clear, step-by-step 3D installation videos.

These training tools will be available in the field to installers, giving them clarity on how the system assembles.

On our website we provide complete BIM objects and Revit files. These are accurate, data-rich digital models of our panels that integrate directly into your design software.

This enables seamless collaboration, drastically reduces errors, and accelerates project approval. This is a reliable and fast way to ensure accuracy from the very first stages of your project.

For more information please scan or click here.

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PLANET PASSIONATE

For the product offering in other markets please contact your local sales representative or visit www.morincorp.com

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Morin® By Kingspan

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