



SUSTAINABLE CHOICES, LASTING IMPACT

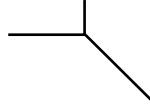
MAC
METAL ARCHITECTURAL

ICI PRODUCTS CATALOG

INDUSTRIAL | COMMERCIAL | INSTITUTIONAL

MAC

METAL ARCHITECTURAL



The construction sector faces significant environmental challenges, demanding innovative and sustainable solutions. At MAC Metal Architectural, we position ourselves as a strategic partner for industry professionals, offering high-quality steel cladding that meets contemporary performance, aesthetics, and durability demands.

For over 30 years, we have been designing and manufacturing galvanized steel profiles in Canada. These profiles are recognized for their resilience and ability to adapt to even the most complex projects. Our commitment to eco-responsibility is reflected in recyclable products with low environmental impact, certified according to the industry's most rigorous standards.

These certifications, including LEED®, make integrating our solutions into sustainable construction projects easy. Our product range delivers exceptional performance and aesthetic flexibility, with a broad palette of colors and finishes tailored to contemporary architectural requirements. Additionally, the robustness of our materials, combined with our exclusive 40-year warranty, ensures the longevity of your projects while minimizing maintenance needs.

MAC stands out with an integrated approach that combines innovation, technical expertise, and alignment with architectural trends. Whether for commercial, industrial, or residential projects, we provide comprehensive solutions designed to optimize the durability and performance of your constructions.

Let yourself be inspired, and together, let's create a more sustainable future.





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ENGAGED FOR A SUSTAINABLE FUTURE

EPD, HPD & EDS

By choosing MAC, you're opting not only for quality and innovation but also for an eco-responsible approach that values every step of the manufacturing process. Join us in paving the way for sustainable and environmentally respectful construction.

Our Environmental Product Declarations (EPDs) and Health Product Declarations (HPDs) are now available on our website and have also been published in the ASTM and HPDC libraries. These documents help our partners better understand the environmental impact of our products and contribute to LEED® points for green building certification.

These sheets, prepared and verified by Vertima, an expert in sustainable building certifications, are based on a rigorous life cycle analysis of our products and their chemical composition down to a threshold of 1000 ppm, ensuring complete transparency.

For more information, contact us today and learn how our environmental data sheets can make all the difference to your projects.



MATERIALS AND RESOURCES		PRODUCT CONTRIBUTIONS	
MR	Building Product Disclosure and Optimization - Environmental Product Declaration (EPD) Option 1: Environmental Product Declaration (1 point) The product contributes to this credit due to the availability of a product specific EPD (Type III) and are valued as 1 whole product out of the 20 needed for the processes of credit achievement.	Environmental impacts Product-specific Type III EPD compliant to ISO 14025:2006	
	Building Product Disclosure and Optimization - Sourcing of Raw Materials Option 2: Leadership extraction practices (1 point) Product meets at least one of the responsible extraction criteria: recycled content, wood product certification, biobased materials, extended producer responsibility.	Attributes Recycled content Pre-consumer : 0.0% - 21.2% Post-consumer: 0.0% - 32.8%	
	Building Product Disclosure and Optimization - Material Ingredients Option 1: Material ingredients reporting (1 point) The product contributes to this credit due to the availability of a Health Product Declaration and is valued as a 1 whole product out of the 20 needed for the purposes of credit achievement calculation.	Ingredients and emissions HPD version 2.3 Health Product Declaration	
INDOOR ENVIRONMENTAL QUALITY		PRODUCT CONTRIBUTIONS	
SS	Heat Island Reduction Option 1: Nonroof and roof (1 - 3 point) Use roofing materials that have an solar reflective index (SRI) equal to or greater than 82 for low-sloped roof (slope ≤ 2:12) or 39 for steep-sloped roof (slope ≥ 2:12)	Technical performances Depending on the color selected, the solar reflective index can be as high as 60.	





LEED® GOLD CERTIFIED

Our new manufacturing facility is powered entirely by energy-efficient equipment that utilizes renewable hydroelectric sources. We have made significant changes to our operations to reduce our environmental footprint.

The building is LEED® Gold certified, demonstrating our commitment to rigorous sustainability standards. It excels in indoor air quality, energy efficiency, and optimized water management. Our integrated approach aligns with the goals of architects seeking sustainable solutions for their projects. In addition, we are certified by RECYC-QUÉBEC's ICI on Recycle + program, highlighting our dedication to excellence in recycling and waste management.







Project: MAC Metal Architectural | Saint-Hubert, QC
 Architect: Bilodeau Baril Leeming Architectes
 Photography: Thorne Marketing
 Profiles & colors: HWP, Polymac, Architectural Planks, MS 1, Metal Block & Versa |
 Cork, Metallic Grey, Titanium Black & Titanium White



AVAILABLE RESOURCES

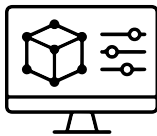
Access all our
resources in just
a few clicks!

We understand the importance of having all the necessary information at your fingertips. That's why we've gathered all the resources you might need on our website.

Whether you're looking for project inspiration, technical details about our products, installation guides and videos, technical data sheets, test reports, environmental certifications, or our catalogues—everything is available in just a few clicks.

Visit the PRO Space on each of our product pages to simplify your search. Here, you'll find all available resources in one place.





CAD, REVIT & DWG |

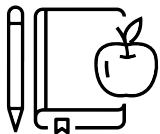
Download the CAD, Revit, and DWG files directly from our website to save execution time. You'll find standard specifications, drawing packages for all our profiles, and their associated trims.



CONTINUING EDUCATION | AIA ACCREDITED

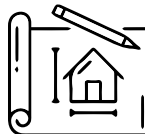
MAC also offers a series of presentations accredited by the American Institute of Architects (AIA). Allowing you to earn the necessary credits while staying informed about the latest technological advancements.

Contact your MAC distributor to learn more or request a presentation from our continuing education team.



LUNCH & LEARN PRESENTATIONS | LEARN MORE ABOUT OUR PRODUCTS

Contact us today to book a presentation on MAC products and explore the wide range of applications available. Our team of professionals is ready to answer your questions.



PROJECT START-UP |

Our multidisciplinary team is here to support you throughout your projects. If you're starting your first project with MAC products, rely on one of our specialists to effectively guide and train your team.

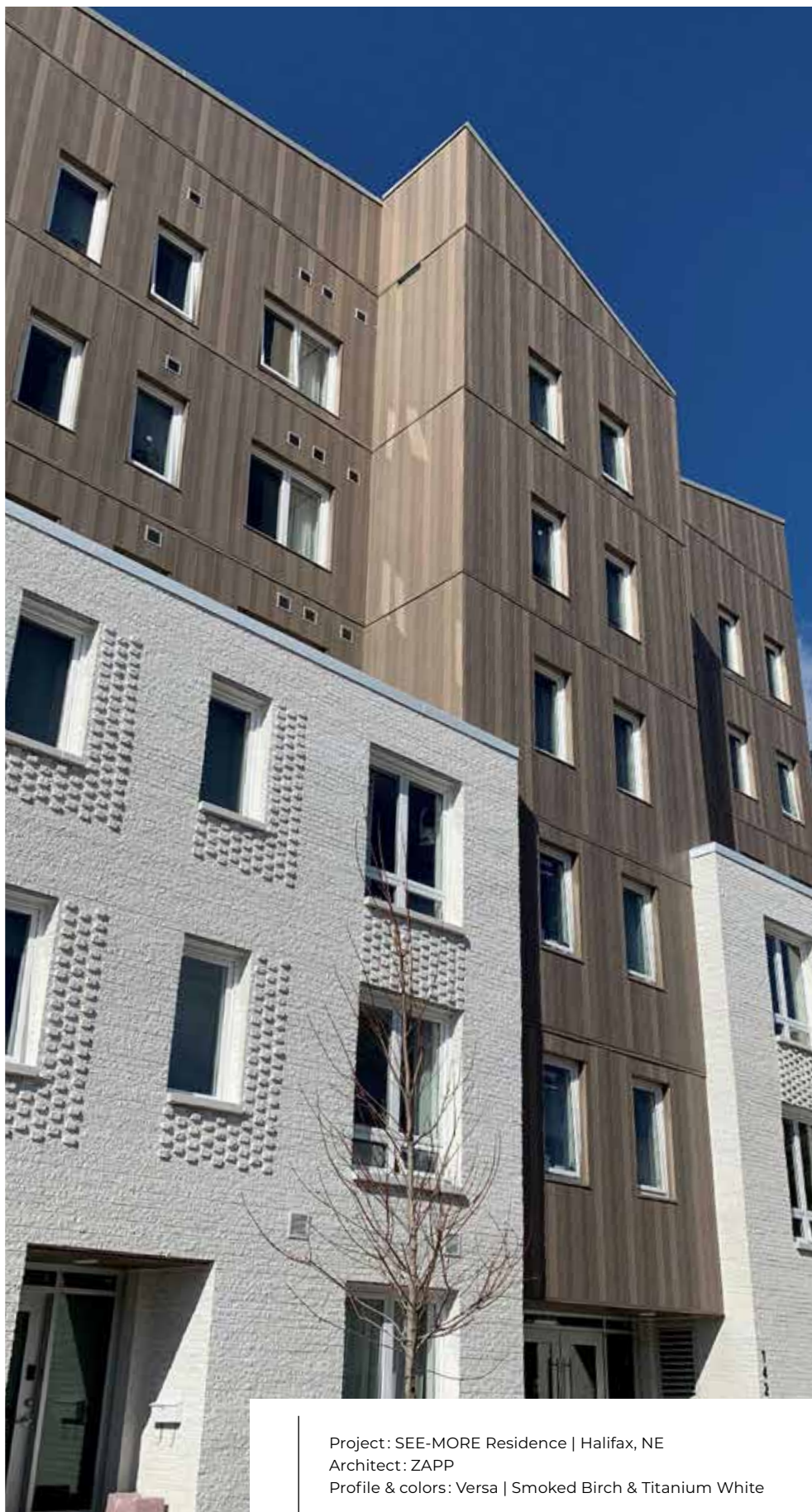


Project : Pôle Culturel de Chambly | Chambly, QC
 Architect : Jodoin Lamarre Pratte Architectes
 Profile & color : MS 1 | Metallic Grey









Project : SEE-MORE Residence | Halifax, NE
 Architect : ZAPP
 Profile & colors : Versa | Smoked Birch & Titanium White

AN INTEGRATED SYSTEM FROM ROOF TO WALLS

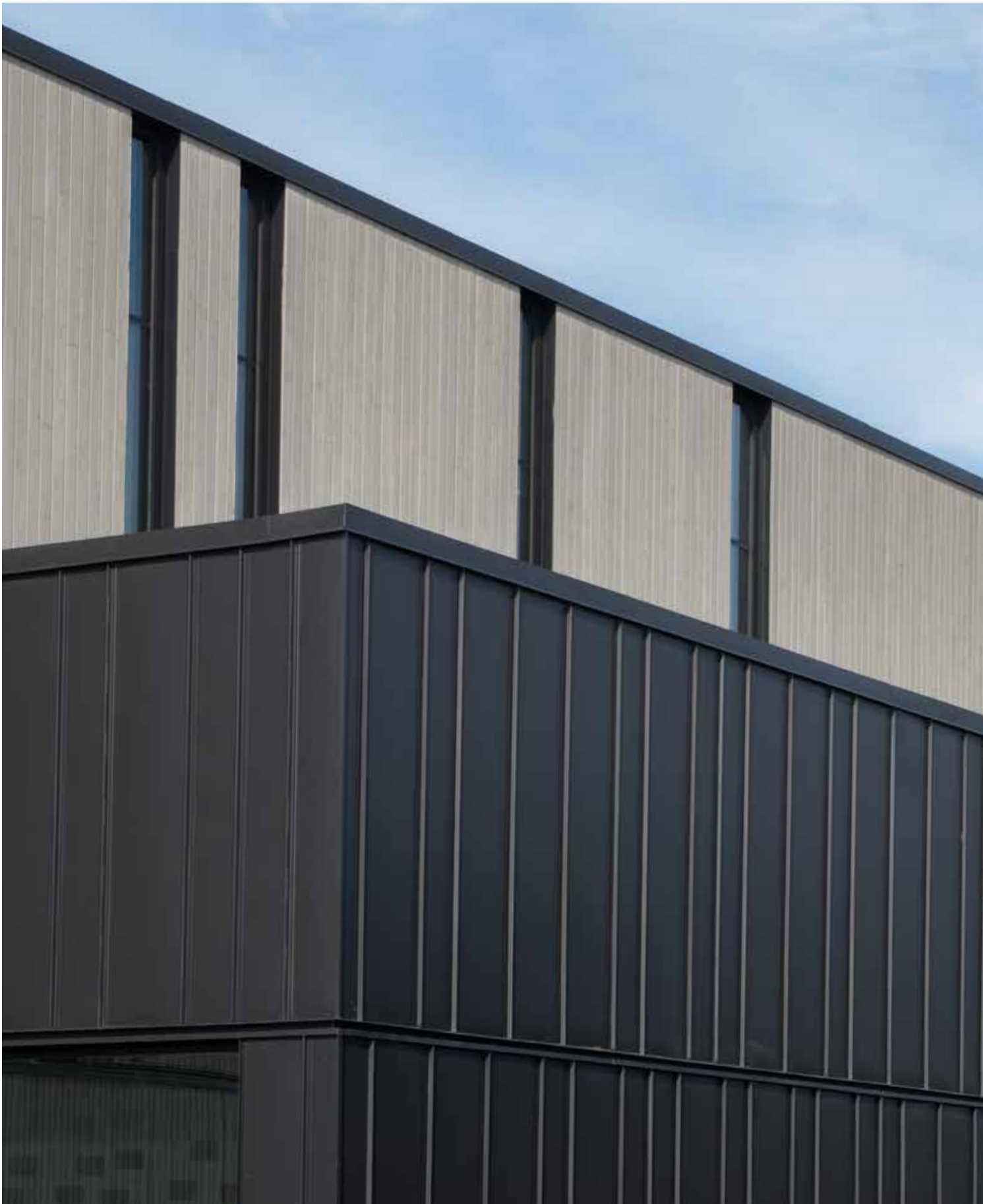
MAC products are designed as an integrated system, ensuring project performance and durability. Each profile has specific fasteners, matching trims, soffits and complementary accessories. The available steel coils ensure optimized installation and a finish that meets quality and durability standards.





"We must recognize the fact that the environment is the most critical component in any project. Good architecture is one that responds to its environment. We must think about not only how to use less energy but also how to create architecture that gives back more than it takes."

- Bjarke Ingels



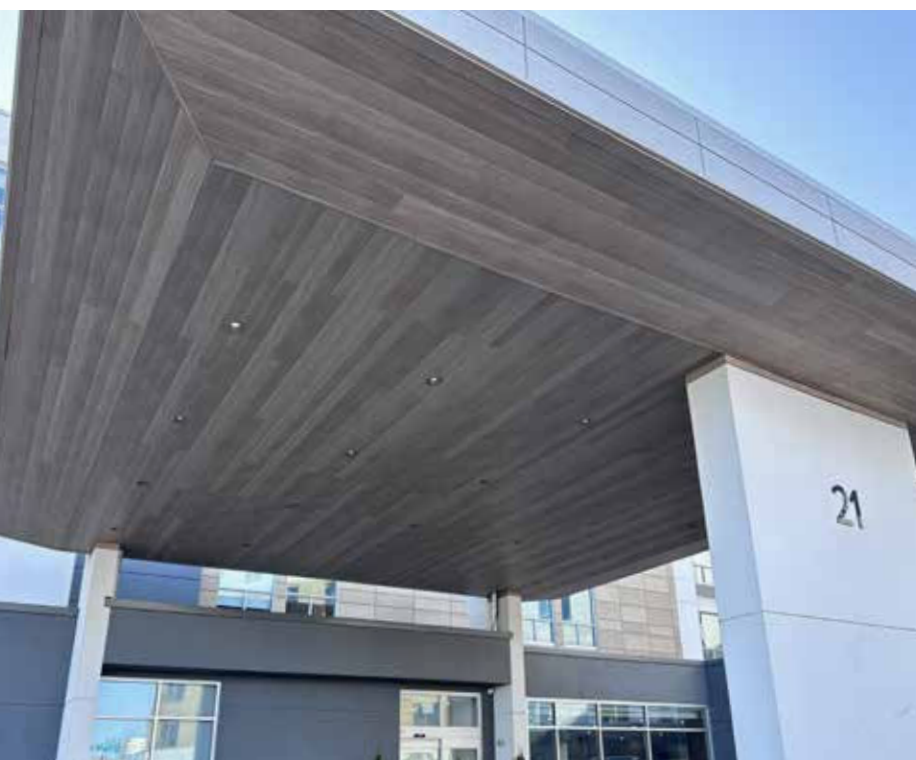


PROFILES

POLYMAC

The Polymac panel combines aesthetics, durability, and performance, offering a versatile solution for all types of architectural projects. Its innovative design and a range of tailored accessories ensure a simple and modular installation, meeting the demands of the most intricate designs.

It supports both vertical and horizontal installation, providing excellent design flexibility. Installation options include the U-moulding for perfect alignment or the staggered moulding for a contrasting joint effect, adding a sophisticated visual dimension. Polymac panels deliver unmatched value without compromising on quality.



Polymac | Cork



Offset joint vertical installation



Offset joint horizontal installation



Stack vertical installation



Stack horizontal installation

NEW



FEATURES

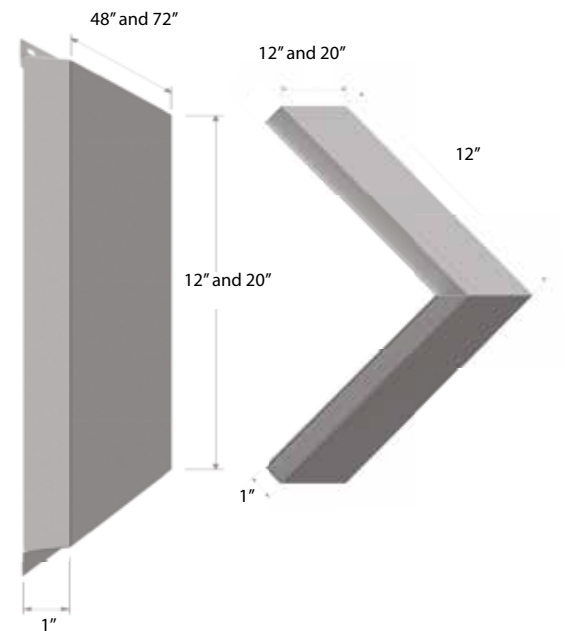
POLYMAC

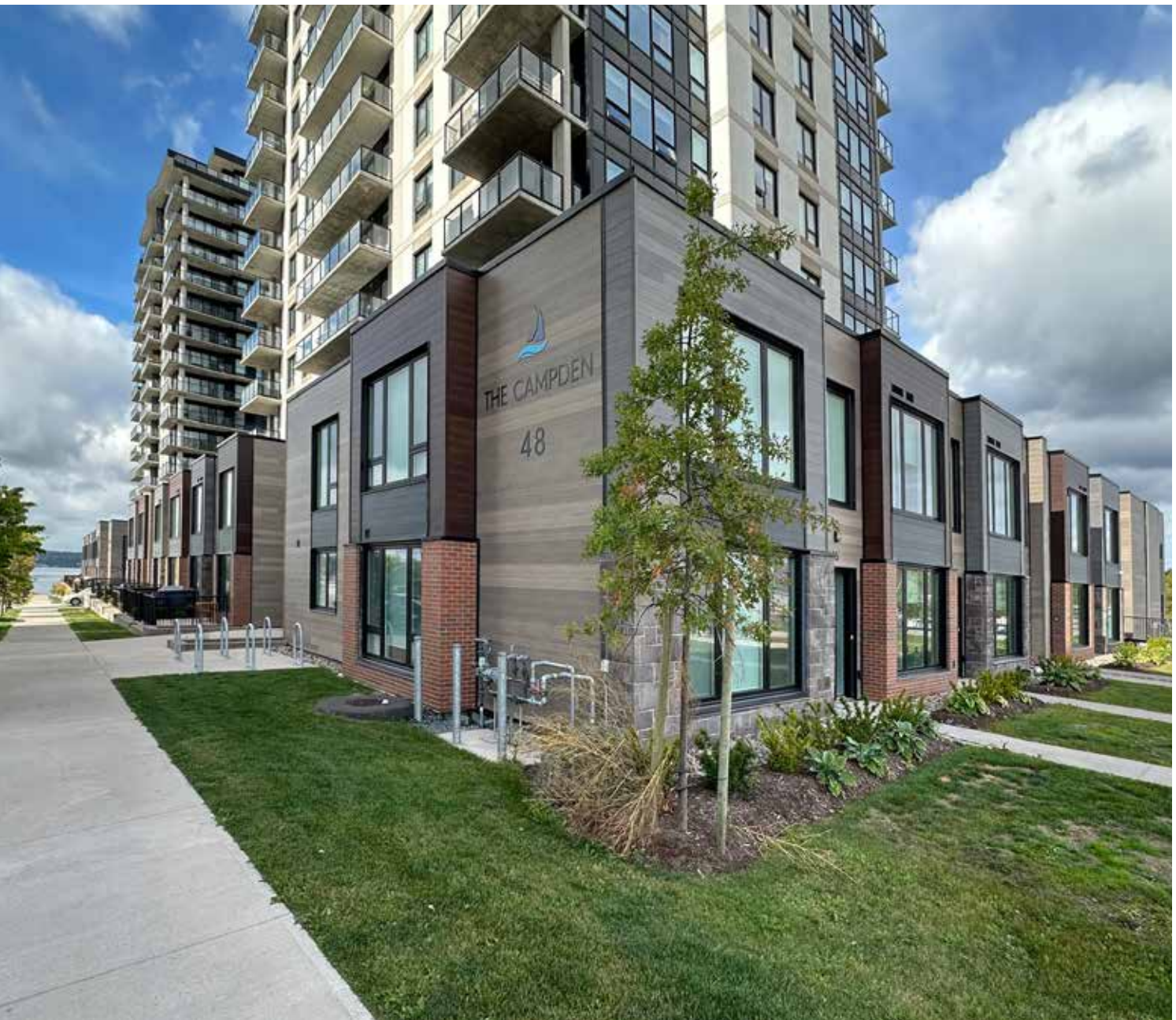
- No jointing along the panel length
- Perforated fastening strip
- Number of storeys* | c/c 16" 25 to 40 storeys
c/c 24" 12 to 35 storeys

Type	Gauge	Installation	No. of sheets per box	Covering surface per box	Weight per sq. ft.	GHG per sq. ft.**
12 x 48 po	22 g	Vert. Horiz.	8	32 ft ² (3 m ²)	1.65 lb sq. ft.	1.28 sq. ft.
12 x 72 po	22 g	Vert. Horiz.	8	48 ft ² (4.46 m ²)	1.65 lb sq. ft.	1.17 sq. ft.
20 x 48 po	22 g	Vert. Horiz.	8	53.33 ft ² (4.96 m ²)	1.65 lb sq. ft.	1.19 sq. ft.
20 x 72 po	22 g	Vert. Horiz.	8	80 ft ² (7.44 m ²)	1.65 lb sq. ft.	1.17 sq. ft.
12 x 12 po	22 g	Horiz.	4	8 ft ² (0.75 m ²)	1.65 lb sq. ft.	1.34 sq. ft.
20 x 20 po	22 g	Horiz.	4	13.33 ft ² (1.25 m ²)	1.65 lb sq. ft.	1.24 sq. ft.

* Depending on the barometric conditions of the construction area

** AR5 global warming impact in kg of CO2 of MAC products (uninstalled)





This profile stands out with its clean lines, refined design, and undeniable robustness and durability, making Harrywood PLUS the ideal choice for the most demanding architectural projects. Offered in various shades from the Wood Collection, it provides the natural charm of wood without maintenance hassles, ensuring lasting aesthetics and long-term performance.



Harrywood Plus | Torrefied, Smoked Birch and Ash Grey

HARRYWOOD PLUS



FEATURES

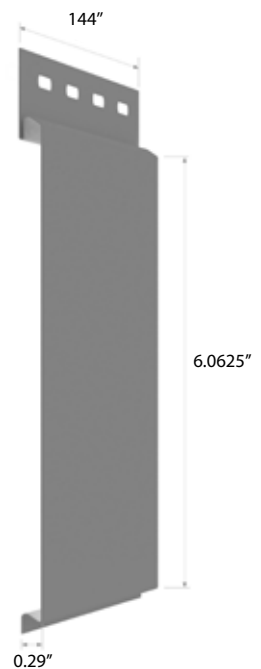
HARRYWOOD PLUS

- Jointing along panel length
- Perforated fastening strip
- Ventilated option | Ventilation values: 4.5940 in²/linear ft
- Number of storeys* | c/c 16" 6 to 20 storeys
c/c 24" 6 to 9 storeys

Type	Gauge	Installation	No. of sheets per box	Covering surface per box	Weight per sq. ft.	GHG per sq. ft.**
HWP	26 g	Vert. Horiz. Diag.	12	72.75 ft ² (6.75 m ²)	6.350 lb sq. ft.	0.73 sq. ft.
HWP	24 g	Vert. Horiz. Diag.	12	72.75 ft ² (6.75 m ²)	7.94 lb sq. ft.	0.92 sq. ft.
HWP VENT	26 g	Vert. Horiz. Diag.	12	72.75 ft ² (6.75 m ²)	6.350 lb sq. ft.	0.73 sq. ft.
HWP VENT	24 g	Vert. Horiz. Diag.	12	72.75 ft ² (6.75 m ²)	7.94 lb sq. ft.	0.92 sq. ft.

* Depending on the barometric conditions of the construction area

** AR5 global warming impact in kg of CO2 of MAC products (uninstalled)





Norwood and Norwood Mini | Torrefied



NORWOOD & NORWOOD MINI

With their two-dimensional planks, the Norwood and Norwood Mini profiles combine Scandinavian design's minimalist charm with exceptional architectural flexibility. Use them individually or in combination to create infinite installation patterns. This versatility adds depth, texture, and distinctive character while seamlessly blending into the surrounding environment.

FEATURES

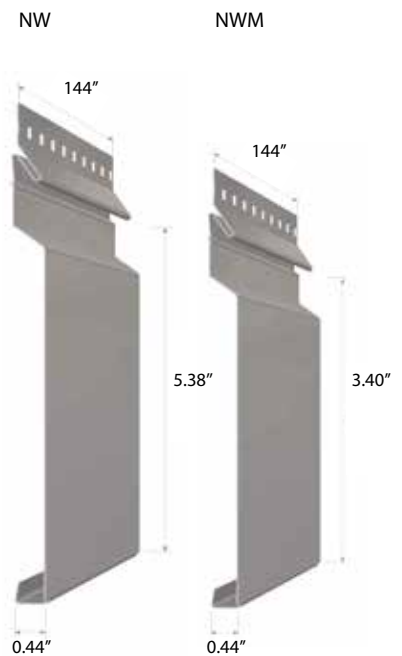
NORWOOD & NORWOOD MINI

- Jointing along panel length
- Perforated fastening strip
- Ventilated option available for Norwood | Ventilation values: 3.4450 in²/linear ft
- Number of storeys* | c/c 16" 13 to 25 storeys
c/c 24" 6 to 14 storeys

Type	Gauge	Installation	No. of sheets per box	Covering surface per box	Weight per sq. ft.	GHG per sq. ft.**
NW	26 g	Vert. Horiz. Diag.	12	90 ft ² (8.36 m ²)	6.350 lb sq. ft.	0.80 sq. ft.
NW	24 g	Vert. Horiz. Diag.	12	90 ft ² (8.36 m ²)	7.94 lb sq. ft.	1.02 sq. ft.
NW VENT	26 g	Vert. Horiz. Diag.	12	90 ft ² (8.36 m ²)	6.350 lb sq. ft.	0.80 sq. ft.
NW VENT	24 g	Vert. Horiz. Diag.	12	90 ft ² (8.36 m ²)	7.94 lb sq. ft.	1.02 sq. ft.
NWM	26 g	Vert. Horiz. Diag.	12	40.5 ft ² (3.81 m ²)	4.375 lb sq. ft.	0.88 sq. ft.

* Depending on the barometric conditions of the construction area

** AR5 global warming impact in kg of CO2 of MAC products (uninstalled)



FARMHOUSE

Series



Board and Batten | White Oak and Cork

Bring a contemporary touch to your projects with the Board and Batten and Reverse Board and Batten profiles from the Farmhouse series. Designed to meet modern aesthetic demands, these profiles perfectly balance tradition and contemporary design. Maximize their visual potential by playing with subtle color contrasts, or choose from our realistic wood finishes for a natural effect. Both profiles can be installed together, allowing for custom installation patterns and a unique relief effect.

The Farmhouse series adds refinement and character to your designs while offering a maintenance-free solution with exceptional durability, ideal for long-term projects.



Board and Batten | Cork



Reverse Board and Batten | Cork

FEATURES

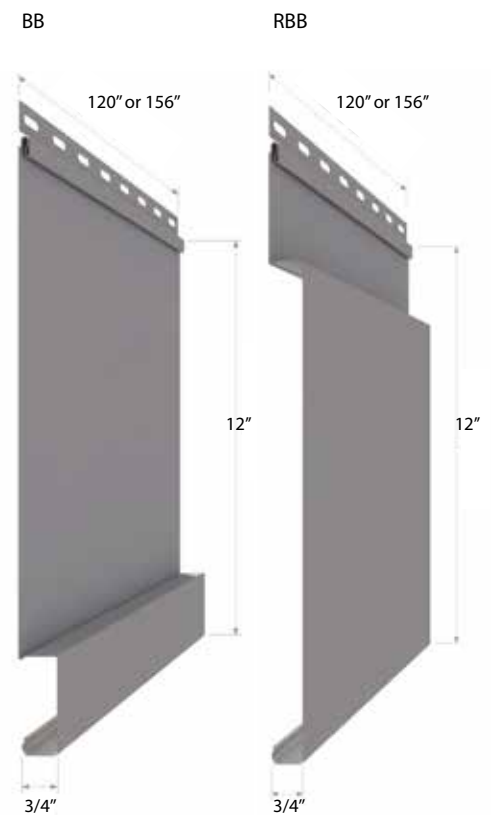
BOARD AND BATTEN REVERSE BOARD AND BATTEN

- No jointing along the panel length
- Perforated fastening strip
- Number of storeys* | c/c 16" 3 to 6 storeys
c/c 24" 3 to 6 storeys

Type	Gauge	Installation	No. of sheets per box	Covering surface per box	Weight per sq. ft.	GHG per sq. ft.**
BB, 10'	26 g	Vert.	9	90 ft ² (8.36 m ²)	1.06 lb sq. ft.	0.77 sq. ft.
BB, 13'	26 g	Vert.	9	117 ft ² (10.9 m ²)	1.06 lb sq. ft.	0.77 sq. ft.
BBi, 10'	26 g	Vert. Horiz.	9	90 ft ² (8.36 m ²)	1.06 lb sq. ft.	0.77 sq. ft.
BBi, 13'	26 g	Vert. Horiz.	9	117 ft ² (10.9 m ²)	1.06 lb sq. ft.	0.77 sq. ft.

* Depending on the barometric conditions of the construction area

** AR5 global warming impact in kg of CO2 of MAC products (uninstalled)



This innovative profile offers a clean and elegant appearance, faithfully recreating the look of architectural blocks. Customize the spacing of the transverse grooves, from 12 in to 42 in, to create a unique visual impact for your projects. Flexible in its design, this product supports vertical, horizontal, or diagonal installation, adapting perfectly to various architectural styles.



Metal Block and HWP | Titanium Black and Scandinavian Fir

METAL BLOCK



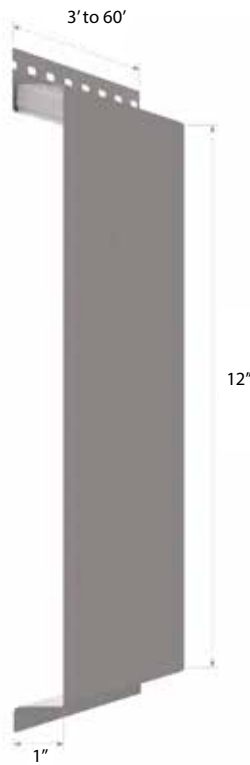
FEATURES

METAL BLOCK

- 22 gauge available on request
- No jointing along panel length
- Perforated fastening strip | Customizable groove spacing: 12 in to 42 in
- Ventilated option available | Ventilation values: 4.5940 in²/linear ft
- Number of storeys* | c/c 16" 4 to 18 storeys
c/c 24" 4 to 10 storeys

Type	Gauge	Installation	Weight per sq. ft.	GHG per sq. ft.**
MB	24 g	Vert. Horiz. Diag.	1.32 lb sq. ft.	1.00 sq. ft.
MB	22 g	Vert. Horiz. Diag.	1.65 lb sq. ft.	1.22 sq. ft.
MB VENT	24 g	Vert. Horiz. Diag.	1.32 lb sq. ft.	1.00 sq. ft.

* Depending on the barometric conditions of the construction area
** AR5 global warming impact in kg of CO2 of MAC products (uninstalled)



VERSA

Versa combines sleek design with seamless integration into modern environments. It enables the creation of expansive, smooth surfaces emphasizing spaces grandeur. In addition to its refined aesthetics, Versa offers a durable and eco-friendly solution. Its installation flexibility allows architects to design unique projects.





Versa and Metal Block | Titanium White and Slate Grey

FEATURES

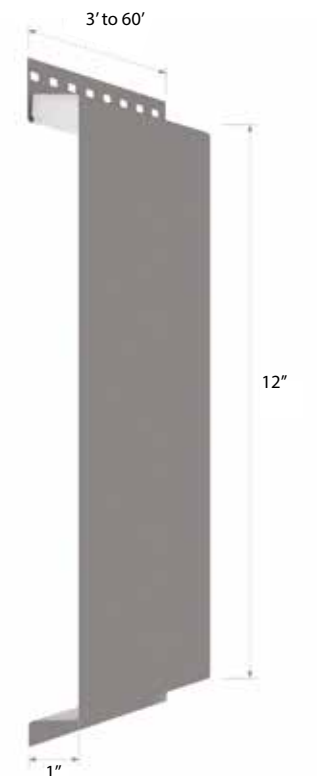
VERSA

- No jointing along panel length
- Perforated fastening strip
- Ventilated option available | Ventilation values: 4.5940 in²/linear ft
- Number of storeys* | c/c 16" 4 to 18 storeys
c/c 24" 4 to 10 storeys

Type	Gauge	Installation	Weight per sq. ft.	GHG per sq. ft.**
VR	24 g	Vert. Horiz. Diag.	1.32 lb sq. ft.	1.00 sq. ft.
VR	22 g	Vert. Horiz. Diag.	1.65 lb sq. ft.	1.22 sq. ft.
VR VENT	24 g	Vert. Horiz. Diag.	1.32 lb sq. ft.	1.00 sq. ft.

* Depending on the barometric conditions of the construction area

** AR5 global warming impact in kg of CO2 of MAC products (uninstalled)



MS 1

The MS 1 profile features a broad flat surface of 19.25 in, ideal for those seeking a linear and timeless design. It offers versatile and aesthetic solutions, perfect for modern and refined projects.



MS 1 | Slate Grey



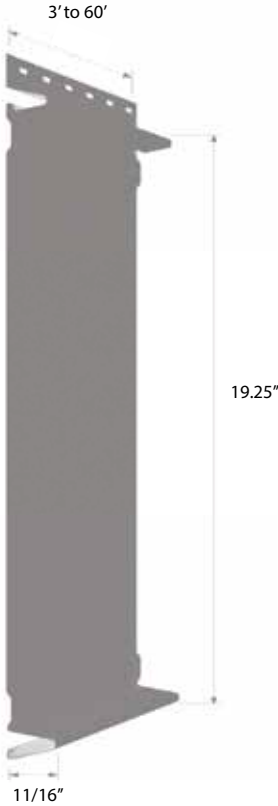
FEATURES

MS 1

- Flat surface
- 26 g (roof only) | 22 g (on request)
- No jointing along panel length
- Number of storeys* | c/c 16" 4 to 6 storeys
c/c 24" 4 to 6 storeys

Type	Gauge	Installation	Roof Wall	Weight per sq. ft.	GHG per sq. ft.**
MS 1	26 g	Vert.	R	1.32 lb sq. ft.	0.73 sq. ft.
MS 1	24 g	Vert.	R W	1.65 lb sq. ft.	0.93 sq. ft.
MS 1	22 g	Vert.	W	1.32 lb sq. ft.	1.13 sq. ft.

* Depending on the barometric conditions of the construction area
** AR5 global warming impact in kg of CO2 of MAC products (uninstalled)





MS 2 | Titanium Black

MS 2



The MS 2 profile features two grooves along its entire length, giving it an extra aesthetic dimension while adding body and strength. It retains the advantages of a wide, flat surface while incorporating subtle details that enrich the visual texture of your project.

FEATURES

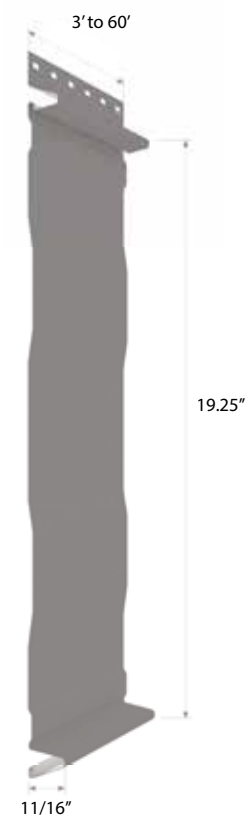
MS 2

- Flat surface
- 26 g (roof only) | 22 g (on request)
- No jointing along panel length
- Number of storeys* | c/c 16" 4 to 6 storeys
c/c 24" 4 to 6 storeys

Type	Gauge	Installation	Roof Wall	Weight per sq. ft.	GHG per sq. ft.**
MS 2	26 g	Vert.	R	1.32 lb sq. ft.	0.73 sq. ft.
MS 2	24 g	Vert.	R W	1.65 lb sq. ft.	0.93 sq. ft.
MS 2	22 g	Vert.	W	1.32 lb sq. ft.	1.13 sq. ft.

* Depending on the barometric conditions of the construction area

** AR5 global warming impact in kg of CO2 of MAC products (uninstalled)



MS MODULAR



The MS Modular profile stands out for its modularity, which is available in three widths. It allows for broader design possibilities while maintaining the advantages of a seamless, flat surface. Its dimensions—19.25 in, 15.6 in, and 11.35 in—offer design flexibility while delivering a contemporary and distinctive style.



MS Modular | Titanium Black

FEATURES

MS MODULAR

- Flat surface | 3 widths
- 26 g (roofing only) | 22 g (available on request)
- No jointing along panel length
- Perforated fastening strip
- Number of storeys* | c/c 16" 4 to 6 storeys
c/c 24" 4 to 6 storeys

Type	Gauge	Installation	Roof Wall	Weight per sq. ft.	GHG per sq. ft.**
MS 1	26 g	Vert.	R	1.32 lb sq. ft.	0.73 sq. ft.
MS 1	24 g	Vert.	R W	1.65 lb sq. ft.	0.93 sq. ft.
MS 1	22 g	Vert.	W	1.32 lb sq. ft.	1.13 sq. ft.
MS 1.1	26 g	Vert.	R	1.03 lb sq. ft.	0.76 sq. ft.
MS 1.1	24 g	Vert.	R W	1.29 lb sq. ft.	0.97 sq. ft.
MS 1.1	22 g	Vert.	W	1.61 lb sq. ft.	1.18 sq. ft.
MS 1.2	26 g	Vert.	R	1.12 lb sq. ft.	0.80 sq. ft.
MS 1.2	24 g	Vert.	R W	1.40 lb sq. ft.	1.01 sq. ft.
MS 1.2	22 g	Vert.	W	1.74 lb sq. ft.	1.23 sq. ft.

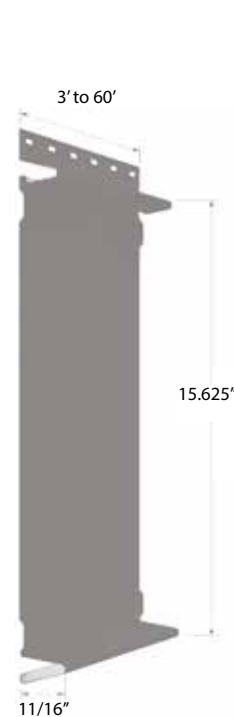
* Depending on the barometric conditions of the construction area

** AR5 global warming impact in kg of CO2 of MAC products (uninstalled)

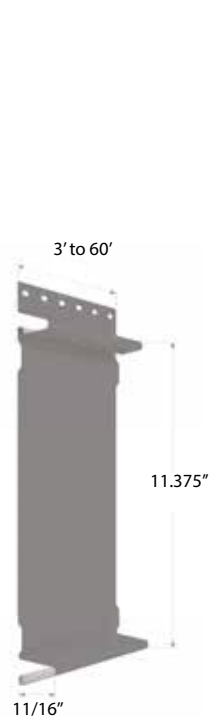
MS 1



MS 1.1



MS 1.2





MS 3 | Titanium Black



MS 3 & 4

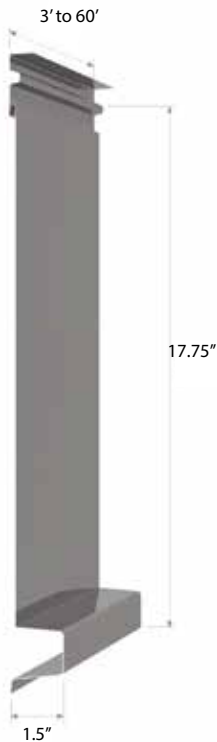
The MS 3 and MS 4 profiles, featuring square battens, are perfect for roof designs that require raised details to enhance character and depth. They come with a concealed fastening system and boast wide, flat surfaces, making them stand out with their refined design. These profiles not only emphasize details but also provide an elegant visual relief.

FEATURES

MS 3 & 4

- MS 3 | Flat surface
- MS 4 | Flat surface incorporating two grooves
- No joints along the length of the panels

MS 3



MS 4



Type	Gauge	Installation	Roof Wall	Weight per sq. ft.	GHG per sq. ft.**
MS 3	26 g	Vert.	R	1.09 lb sq. ft.	0.78 sq. ft.
MS 4	26 g	Vert.	R	1.09 lb sq. ft.	0.78 sq. ft.

* Depending on the barometric conditions of the construction area
** AR5 global warming impact in kg of CO2 of MAC products (uninstalled)

MS 380

The gentle undulation of the MS 380 Corrugated profile makes it a perfect modern solution.

Unlike traditional corrugated panels, which typically have a more industrial appearance, the MS 380 features a subtle 3/8-inch wave, making it significantly more refined and versatile. Its flexibility along the length allows for some malleability, enabling curved installations. Whether used as an insert or to create an interesting architectural detail, this cladding adds a soft sinuosity to buildings.



MS 380 and MS 1 | Titanium Black



FEATURES

MS 380

- No joints along the length of the panels
- Number of storeys* | c/c 16" 4 to 18 storeys
c/c 24" 4 to 10 storeys

Type	Gauge	Installation	Weight per sq. ft.	GHG per sq. ft.**
MS 380	26 g	Vert. Horiz.	0.91 lb sq. ft.	0.68 sq. ft.
MS 380	24 g	Vert. Horiz.	1.13 lb sq. ft.	0.87 sq. ft.

* Depending on the barometric conditions of the construction area
 ** AR5 global warming impact in kg of CO2 of MAC products (uninstalled)



FLEXIBLE AND DURABLE SOFFIT SOLUTIONS

Most MAC profiles are also available in vented or non-vented soffit configurations, offering installation flexibility to meet your architectural projects' technical and aesthetic requirements. These soffits ensure proper air circulation when needed while providing durable protection against weather and degradation. Their galvanized steel construction delivers exceptional performance and longevity, making these profiles a strategic choice for architectural projects designed to stand the test of time. Create inspiring spaces with materials built to last.





CASE STUDY

BRYANT HIGH SCHOOL



A SUSTAINABLE SOLUTION ADAPTED TO CLIMATIC CONDITIONS

Nearly four years ago, Bryant High School in Arkansas embarked on an extensive renovation project, refurbishing a significant portion of the soffits and beams. At the time, hardwood was chosen to give the building a warm and organic aesthetic. While the initial result was visually striking, the central Arkansas climate quickly challenged this choice. Despite perfect installation, signs of discoloration and mold began to appear within months.

Faced with this rapid deterioration, our partner ACME Brick proposed a durable solution to maintain the desired aesthetic. The team presented the various MAC profiles available in the Wood Collection colors. After reviewing the options, the project leads selected the Harrywood Plus profile in Teak to replace the deteriorated soffits and beams.



AESTHETIC AND HIGH-PERFORMANCE PRODUCT

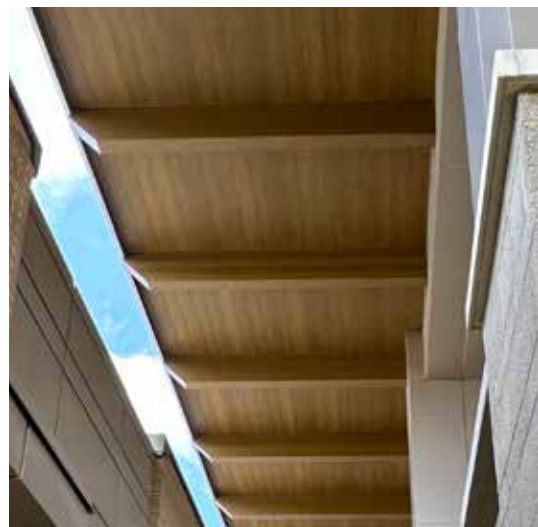
The Wood Collection colors stand out for their design and ability to replicate wood's rich, natural look with six distinct planks, each featuring three variations in tone and grain. This flexibility allows installers to create various patterns while delivering visually appealing cladding. In this case, the Harrywood Plus profiles are offered in 12-foot-long planks with a 6 1/16-inch overlap and can be installed horizontally, vertically, or diagonally, depending on project preferences. Hidden fasteners ensure a smooth and elegant finish. A ventilated version of Harrywood Plus is also available, though the Bryant High School project did not require additional ventilation.



A DURABLE, MAINTENANCE-FREE SOLUTION

While MAC's galvanized steel profiles may initially cost more than wood, they provide undeniable durability and low maintenance advantages. MAC profiles are non-combustible and offer increased resistance to weathering and physical damage, such as warping, cracking, and rotting. Unlike wood, which requires regular upkeep, MAC Metal's galvanized steel cladding, like Harrywood Plus, delivers superior durability without repeated treatments. The PVDF paint system, which includes a zinc primer and multiple protective layers, provides the product with a 40-year warranty.

By avoiding recurring maintenance and replacement costs, the decision-makers at Bryant High School made a wise choice. They opted for a long-term solution that withstands the challenges of the local climate while preserving the desired aesthetic.





Project: STI Group | Buna, TX
Photography: ACME BRICK
Profile & color: Harrywood Plus | Torrefied

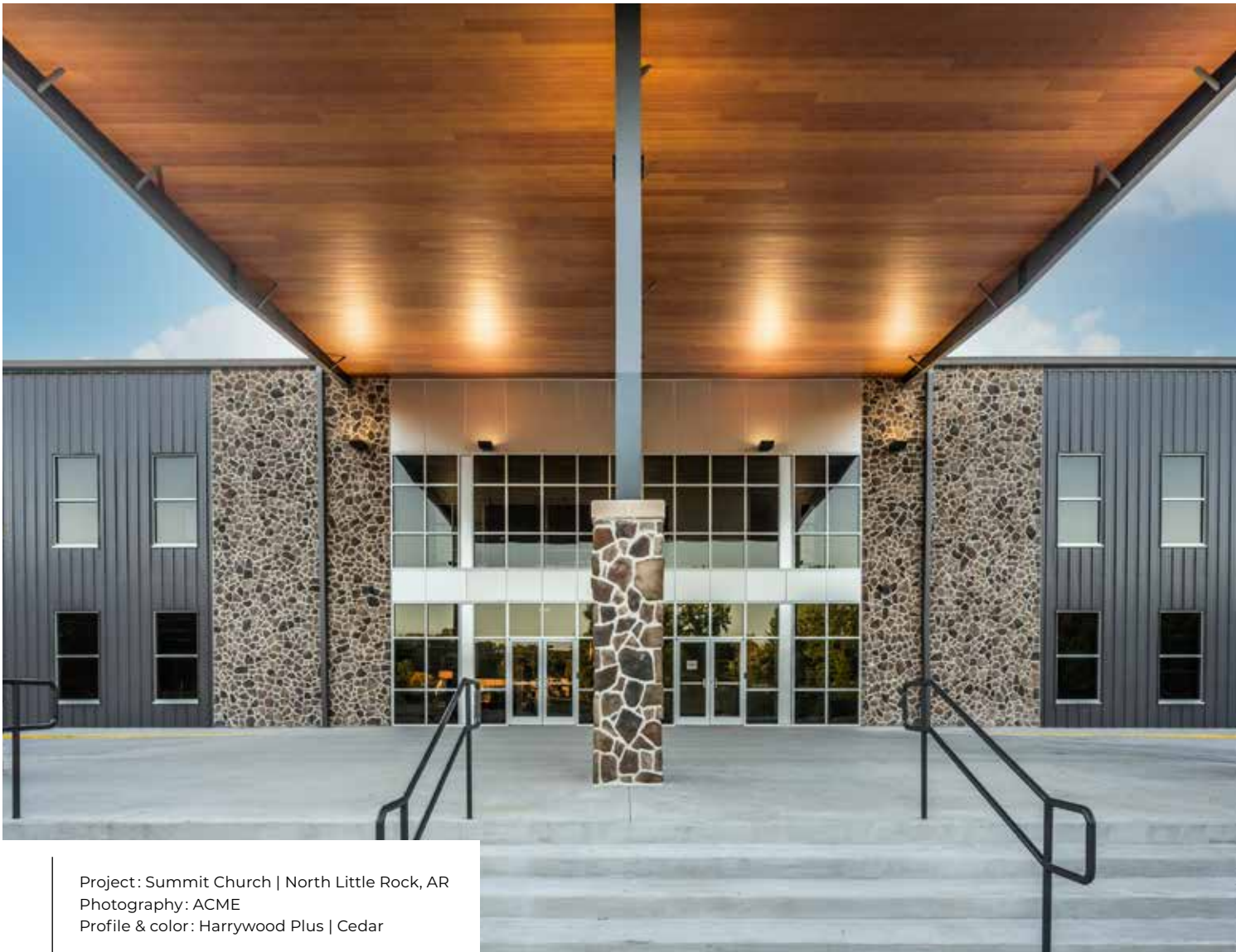








Project: Chapparral High School | Parker, CO
 Architect: PBK Architects
 Photography: ACME BRICK
 Profile & color: Harrywood Plus | Cedar



Project: Summit Church | North Little Rock, AR
Photography: ACME
Profile & color: Harrywood Plus | Cedar







Project: Lakeview Elementary School | Sugar Land, TX
 Architect: Kirksey Architecture
 Photography: ACME
 Profile & color: Harrywood Plus | Cedar





CYCLE OF LIFE



EXTRACTION & PROCESSING

Canadian steel mills are renowned for their commitment to innovation. By leveraging hydroelectricity for raw material smelting, they significantly reduce the steel industry's carbon footprint.

86% RECYCLED CONTENT AND 100% RECYCLABLE

We reduce waste and emissions by incorporating a high proportion of recycled materials into our product manufacturing, thereby minimizing iron ore extraction and decreasing the energy required for steel production.

USAGE

Our products are high performing, aesthetically pleasing, and built to last. With a 40-year warranty, they are fully recyclable at the end of their lifecycle and seamlessly reintegrate into the production cycle.

LOCAL SOURCING

AT 640 KM FROM THE PLANT

By choosing local suppliers, we reduce CO2 emissions associated with transportation while ensuring access to superior-quality raw materials.

DESIGN AND INNOVATION

Our vision is to design products that meet the technical demands of professionals while aligning with a broader sustainability strategy. This will contribute to resource preservation and reduce ecological impact.

MANUFACTURING

Our new LEED® Gold-certified facility has energy-efficient machinery powered entirely by renewable hydroelectric sources. We've revamped our operations to maximize resource efficiency.

TRANSPORTATION

Our extensive distribution network allows us to optimize product transportation by maximizing truckload capacity. This reduces the required trips and lowers the carbon footprint associated with delivering our finished products.



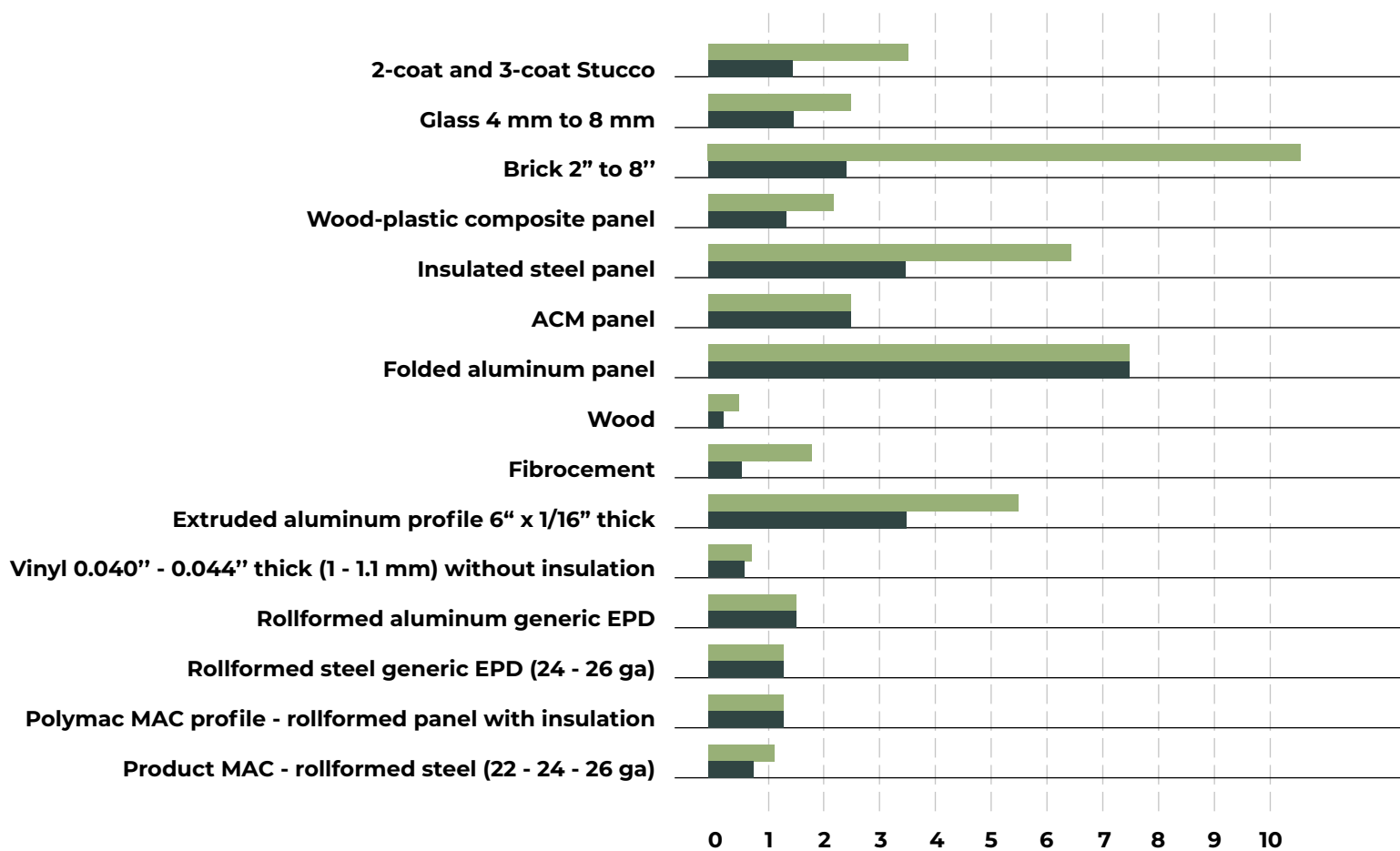
95%
of our steel
scraps

are reused in our
manufacturing pro-
cess, particularly for
creating samples and
accessories



ENVIRONMENTAL IMPACT

Stages A1-A3 for different types of materials over
a 40-year cycle RSL

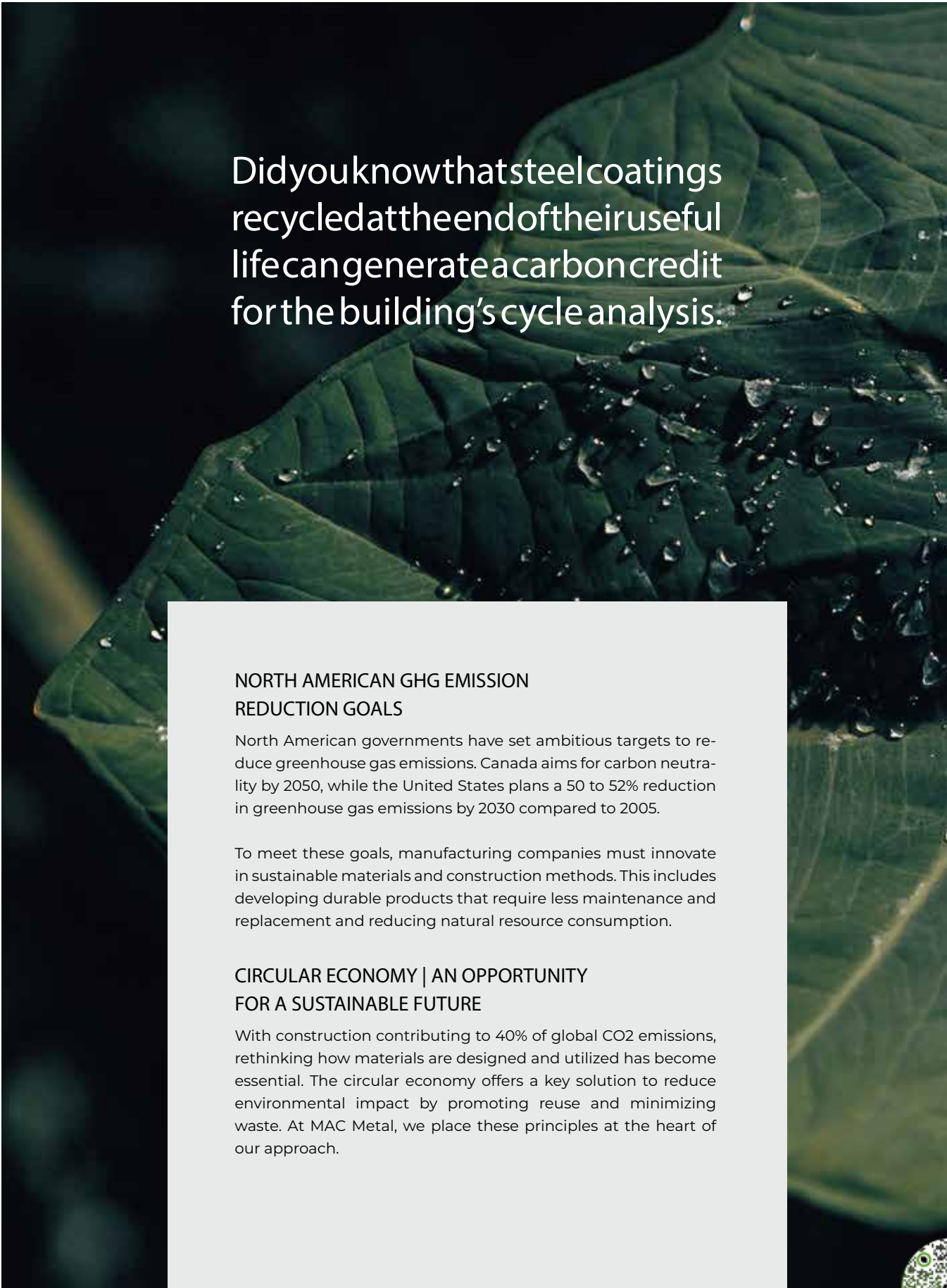


GWP kg CO2/per sq. ft. of product max



GWP kg CO2/per sq. ft. of product min

* References are based on the EPDs available on the market, whether specific or generic, converted according to the surface area covered by the material.



Did you know that steel coatings recycled at the end of their useful life can generate a carbon credit for the building's cycle analysis.

NORTH AMERICAN GHG EMISSION REDUCTION GOALS

North American governments have set ambitious targets to reduce greenhouse gas emissions. Canada aims for carbon neutrality by 2050, while the United States plans a 50 to 52% reduction in greenhouse gas emissions by 2030 compared to 2005.

To meet these goals, manufacturing companies must innovate in sustainable materials and construction methods. This includes developing durable products that require less maintenance and replacement and reducing natural resource consumption.

CIRCULAR ECONOMY | AN OPPORTUNITY FOR A SUSTAINABLE FUTURE

With construction contributing to 40% of global CO₂ emissions, rethinking how materials are designed and utilized has become essential. The circular economy offers a key solution to reduce environmental impact by promoting reuse and minimizing waste. At MAC Metal, we place these principles at the heart of our approach.

For more information







Project: Établissement de détention de Roberval | Roberval, QC
Architect: STGM Architectes + Parizeau Pawulski architectes + Les Architectes associés
Photography: Stéphane Groleau
Profile & color: Metal Block | Metallic Grey

BENEFITS



40-YEAR WARRANTY

The quality of the steel, combined with the painting processes used in transforming our products, allows us to offer a robust 40-year warranty, ensuring peace of mind for years to come.



LOW MAINTENANCE

Steel claddings require minimal maintenance. A simple wash with fresh water is enough to preserve their appearance and resistance to outdoor elements without the need for harsh chemicals or costly interventions. With their UV- and corrosion-resistant finish, they maintain their integrity and shine with minimal effort, resulting in significant savings in both time and costs.



DURABLE

Our products are designed with a sustainable development approach, prioritizing eco-friendly materials and processes aligned with circular economy principles. Durable and recyclable, our solutions minimize environmental impact and promote more responsible construction practices.



NON-COMBUSTIBLE

MAC's galvanized steel claddings are completely non-combustible, providing adequate fire protection. Thanks to steel's inherent properties, it does not ignite or emit toxic smoke, contributing to the overall safety of buildings.



RESISTANT TO MOLD, CRACKING, AND ROT

Steel claddings offer exceptional resistance to mold, cracking, and rot. Unlike other materials, steel retains its structural and aesthetic integrity in the most demanding environments, reducing maintenance costs and extending the lifespan of buildings.



HIGHLY WEATHER-RESISTANT

MAC profiles provide superior resistance to weather conditions thanks to a high-performance coating capable of withstanding extreme temperatures from -40°C to +80°C while resisting UV rays and moisture. Their durability is backed up by the industry's most rigorous wind resistance tests.



MAC products are roll-formed from Canadian Grade 33 SS steel (230 MPa) with a G90 (Z275) galvanization level, meeting ASTM industry standards. The steel and forming processes comply with CSA S-136 and 23M standards. Our goal is to provide you with durable, high-performance products tested to the most rigorous standards in North America.

TESTS



NON-COMBUSTIBILITY

- CAN/ULC-S135 | Classified as non-combustible according to the Canadian Building Code
- ASTM E84 & ASTM E2768 | Rated as Class A
- W.U.I. | Suitable for Wildland-Urban Interfaces



WIND RESISTANCE

- D5206 Testing | Maximum pressure resistance
- E330 | Panel deflection under load



ECO-FRIENDLY PRODUCTS

- EPD – Specific EPD | Enables carbon footprint calculation of installed products
- HPD – Specific HPD | Chemical analysis down to 1% of composition



PAINT SYSTEMS

- ASTM D523 | Gloss
- ASTM D6578/D6578M | Graffiti resistance
- ASTM D4145 | Paint Flexibility
- ASTM B117 & G85 | Accelerated corrosion
- ASTM D2247 | Humidity resistance
- ASTM D4587 | Accelerated aging, chalking
- ASTM G154 | Accelerated UV aging
- ASTM D4214 | Chalking resistance
- ASTM D2244 | Color retention



Test reports





Project: École Hymnes au Printemps | Vaudreuil-Dorion, QC
Architect: Frédéric Leclerc
Profile & color: MS 1 | Metallic Grey

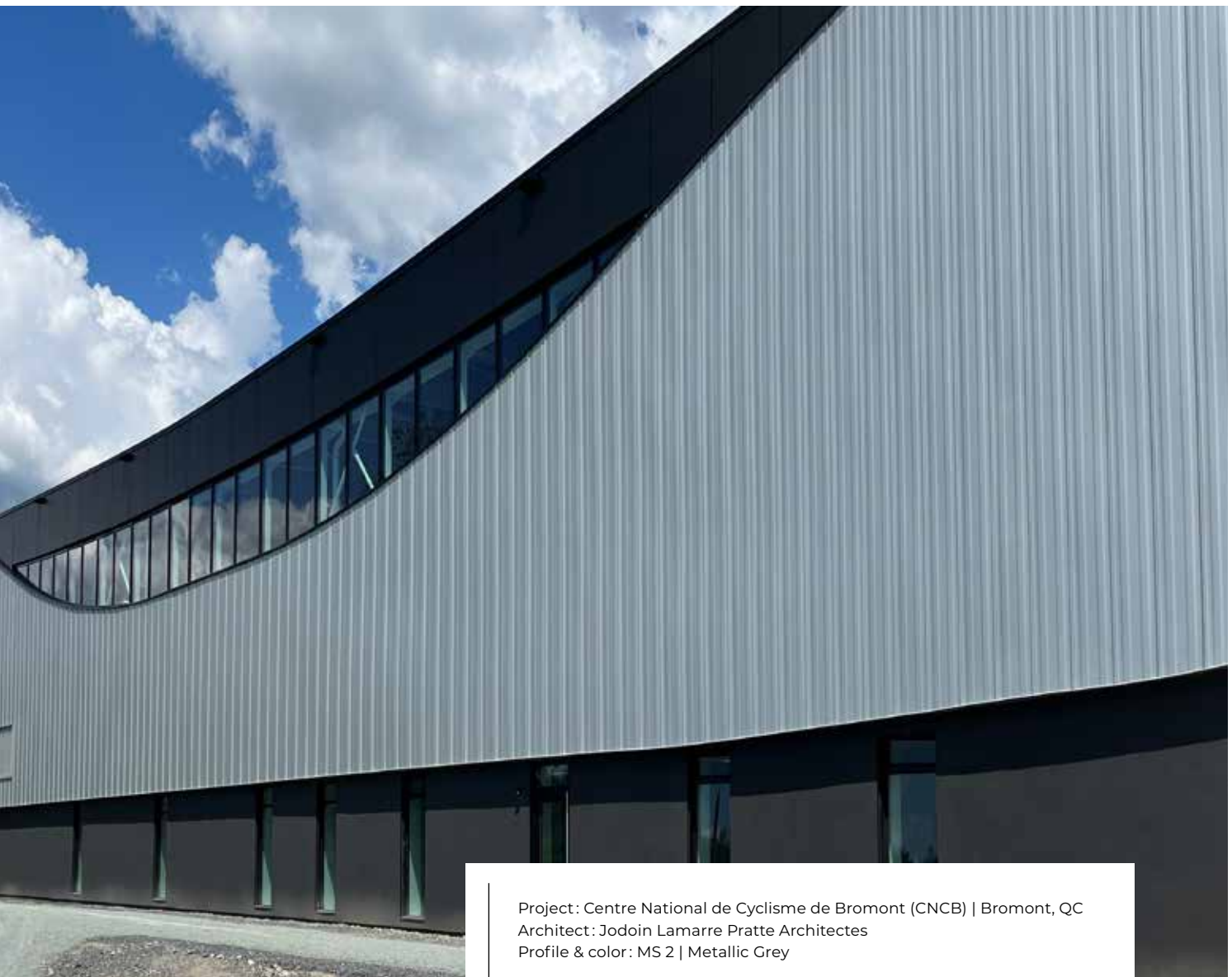






Project: Centre Nautique Pointe-Claire | Pointe-Claire, QC
 Architect: Kayak Architecture
 Photography : Raphael Thibodault
 Profile & color: MS Modular | Metallic Grey





Project: Centre National de Cyclisme de Bromont (CNCB) | Bromont, QC
Architect: Jodoin Lamarre Pratte Architectes
Profile & color: MS 2 | Metallic Grey



PAINTS & COLORS

TEXTURAL SYSTEM

Our TEXTURAL technology is rigorously tested to deliver exceptional durability, ensuring superior resistance to corrosion, microcracks, fading, and scratches. Available in three exclusive processes—TEXTURAL II (SMP), TEXTURAL III (Polyurethane), and TEXTURAL IV (PVDF)—it provides optimal protection against extreme weather and climatic conditions.

We are committed to offering high-end aesthetic solutions that not only withstand challenging environments but also highlight the natural beauty of materials while combining durability and performance. The TEXTURAL IV system is available in two finishes: a solid finish and a printed finish (Signature and Wood Collections) for a rich, nuanced aesthetic, made possible by Sherwin Williams' «Emulate» multilayer paint technology.

Discover our rich and varied color palette, with options that beautifully replicate noble materials such as oxidized copper, zinc, quartz, and wood. The matte finish adds an elegant touch while reducing sunlight glare.

The TEXTURAL II and TEXTURAL IV systems also have a coastal option, which ensures enhanced protection in demanding environments, particularly along coastlines or in highly humid areas. Contact your MAC specialist to learn more.



Did you know

Our paint systems are free from lead and cadmium and contain no volatile organic compounds (VOCs). We prioritize providing safe and durable products for workers and occupants while minimizing our environmental footprint.



PAINT

Primer, base and top coats according to specific paint system

ZINC COATING G90 (Z275)

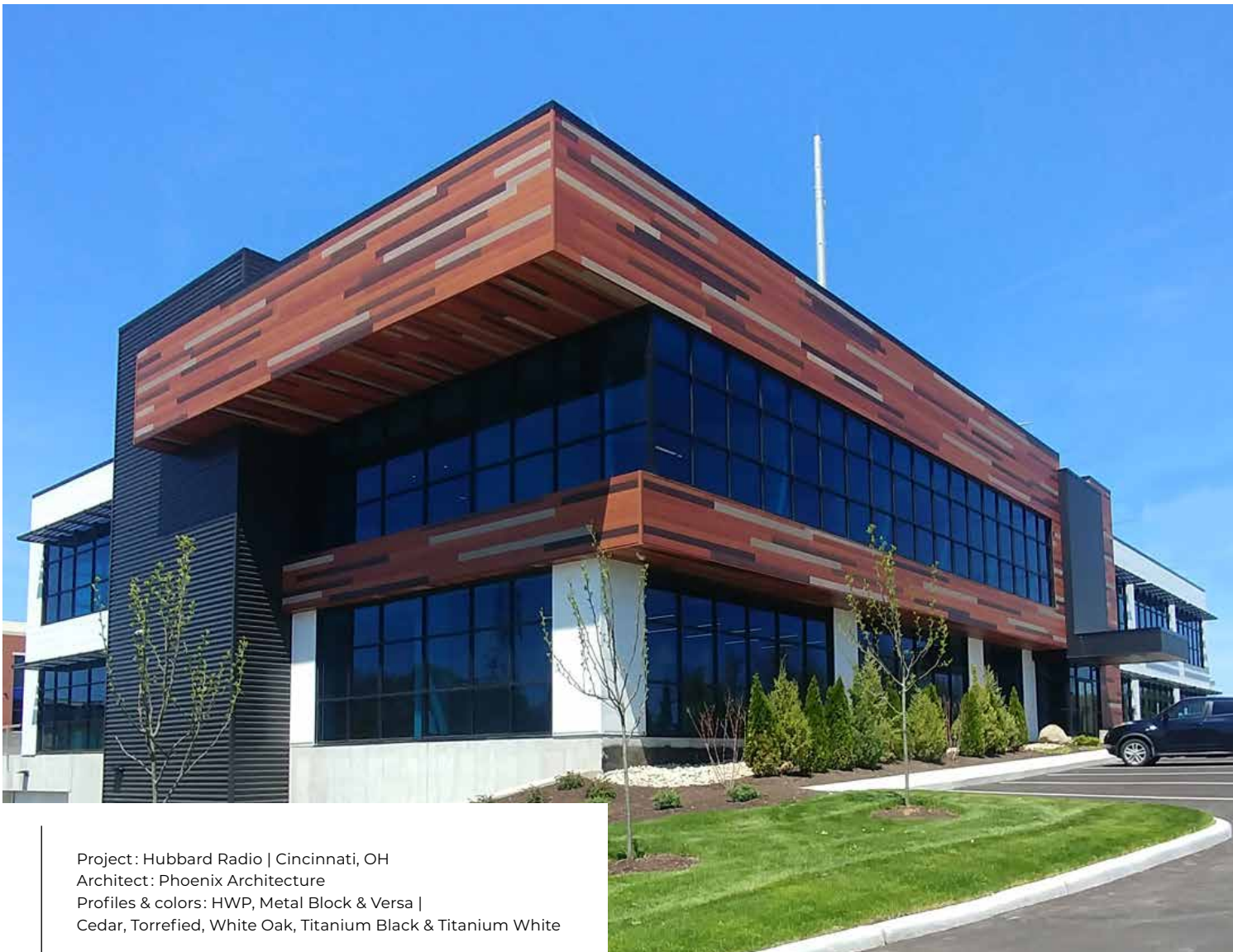
STEEL SUBSTRAT GRADE 33 SS (230) GALVANIZED Z275 (G90)
According to ASTM A653/A653M, 24 or 26 gauge

ZINC COATING G90 (Z275)

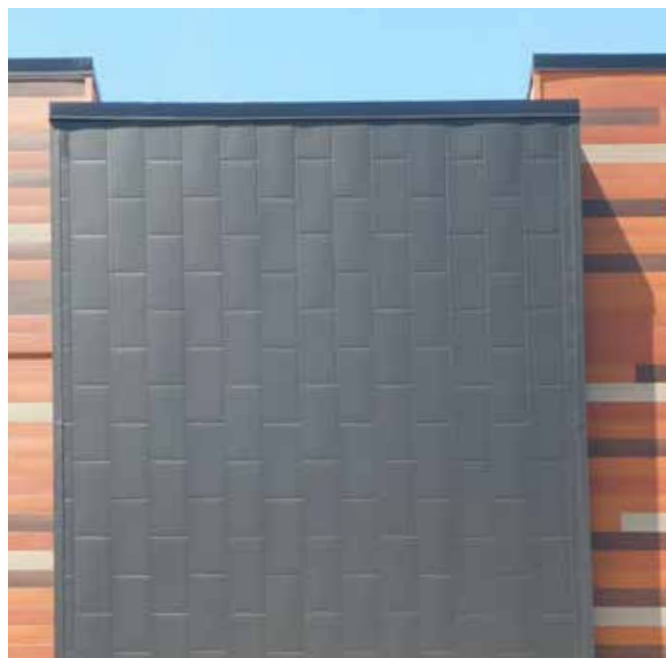
PROTECTIVE COATING

Polyester or Epoxy backer coat





Project: Hubbard Radio | Cincinnati, OH
Architect: Phoenix Architecture
Profiles & colors: HWP, Metal Block & Versa |
Cedar, Torrefied, White Oak, Titanium Black & Titanium White



WOOD COLLECTION

What's
your shade
of grey?



Black Walnut



Ash Grey



Smoked Birch



Cork



The look and richness of wood
without the maintenance!

A touch
of warm
tones

Scandinavian Fir



Cedar



Torrefied



Teak

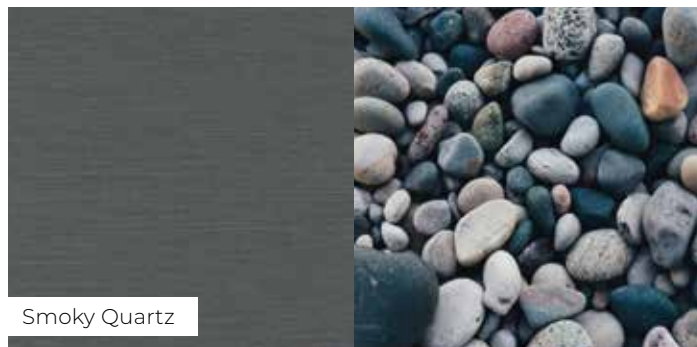


White Oak

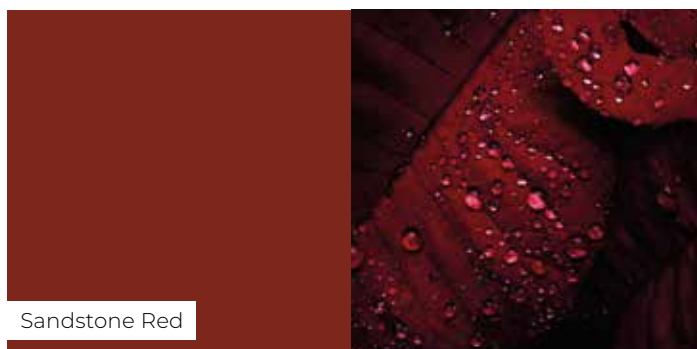
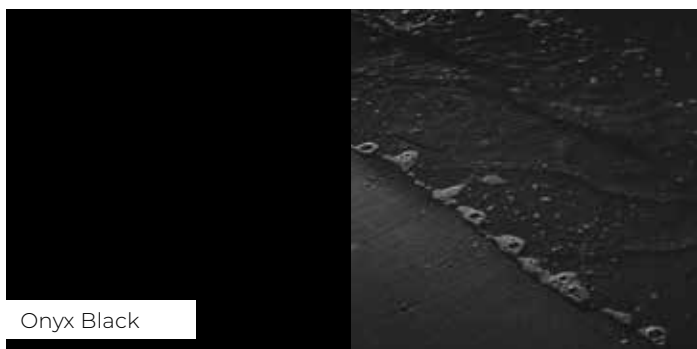
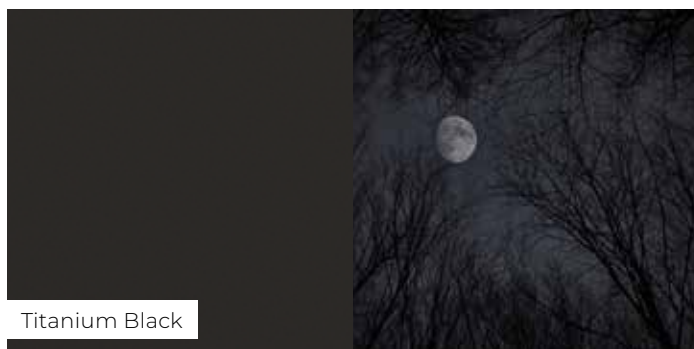
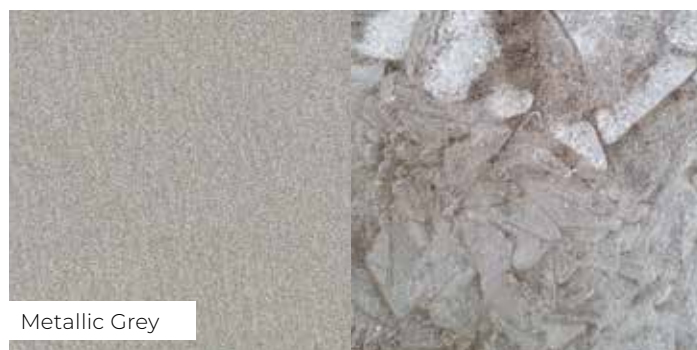
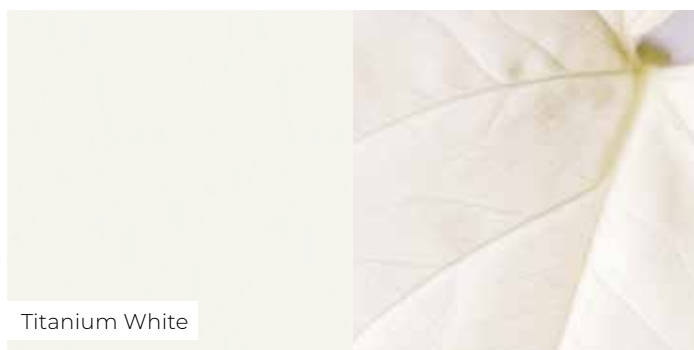


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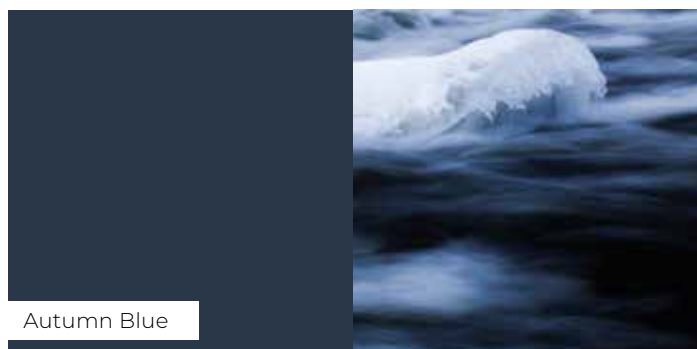
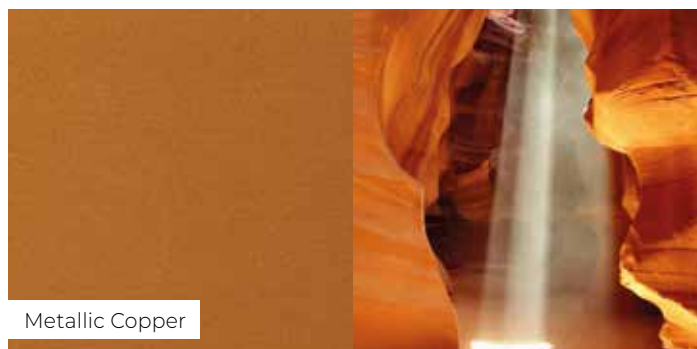
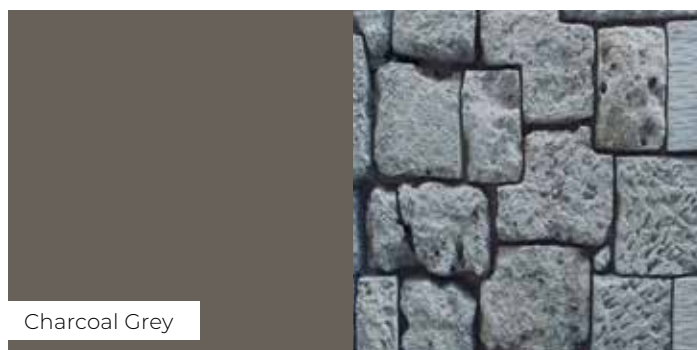
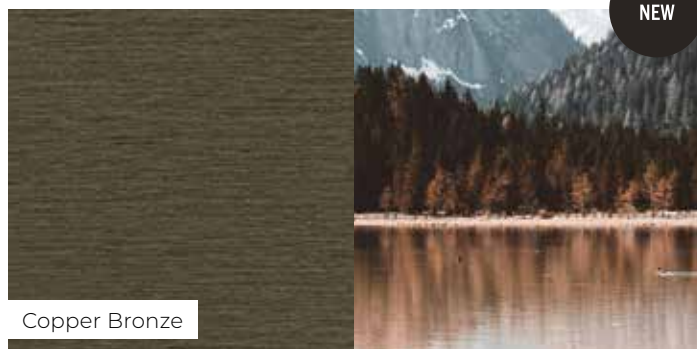
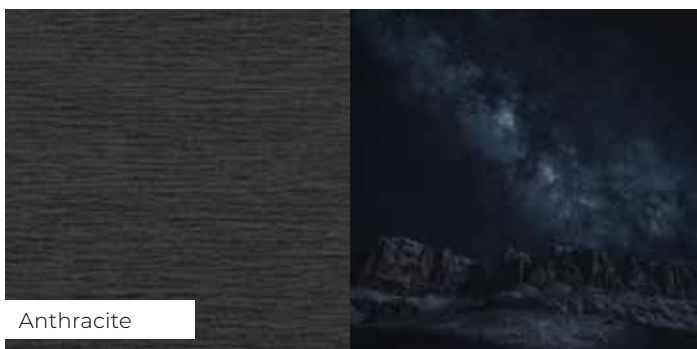
SIGNATURE COLLECTION



INSPIRATION COLLECTION



NEW



The colors printed in this brochure are for information purposes only and may vary slightly from the actual color.

COLOR AVAILABILITY CHART 2025

COLORS	PAINT CODE	MS 1 & 2 MS 1 MOD. MS AUT.	MS 3 & 4	POLYMAC *	BOARD AND BATTEN & REVERSE BB	VERSA & METAL BLOCK	FLUTED PANEL	HARRYWOOD PLUS BLOCK	HARRYWOOD PLUS	NORWOOD	NORWOOD MINI	CORRUGATED (MS 380)	MS 750 & MS 750I	FLAT ROLLS
WOOD COLLECTION TEXTURAL IV (paint system based on PVDF - Poly Vinylidene Fluoride)														
Torrefied 301	MHQC 1700	x	x	22-24 g	26 g	x	26 g	x	24-26 g	24-26 g	26 g	x	x	16", 26 g
Cedar 302	MHQC 1750	x	x	22-24 g	26 g	x	26 g	x	24-26 g	24-26 g	26 g	x	x	16", 26 g
Black Walnut 303	MHQC 1710	x	x	x	26 g	x	26 g	x	24-26 g	24-26 g	26 g	x	x	16", 26 g
Smoked Birch 304	MHQC 1720	x	x	22-24 g	26 g	x	26 g	x	24-26 g	24-26 g	26 g	x	x	16", 26 g
Ash Grey 305	MHQC 1740	x	x	x	26 g	x	26 g	x	24-26 g	24-26 g	26 g	x	x	16", 26 g
Scandinavian Fir 306	MHQC 1730	x	x	x	26 g	x	26 g	x	24-26 g	24-26 g	26 g	x	x	16", 26 g
White Oak 310	MHQC 1770	x	x	22-24 g	26 g	x	26 g	x	24-26 g	24-26 g	26 g	x	x	16", 26 g
Teak 312	MHQC 1760	x	x	22-24 g	26 g	x	26 g	x	24-26 g	24-26 g	26 g	x	x	16", 26 g
Cork 313	MHQC 1780	x	x	22-24 g	26 g	x	26 g	x	24-26 g	24-26 g	26 g	x	x	16", 26 g

SIGNATURE COLLECTION TEXTURAL IV (paint system based on PVDF - Poly Vinylidene Fluoride)														
Anthracite 202	MHQC 1550	24-26 g	26 g	22-24 g	x	24 g	x	24 g	24 g	24 g	24 g	24-26 g	24-26 g	24", 24-26 g
Brushed Zinc 203	MHQC 1800	24-26 g	26 g	22-24 g	x	24 g	x	24 g	24 g	24 g	24 g	24-26 g	24-26 g	24", 24-26 g
Smoky Quartz 204	MHQC 1850	24-26 g	26 g	22-24 g	x	24 g	x	24 g	24 g	24 g	24 g	24-26 g	24-26 g	24", 24-26 g
Copper Bronze 205	MHQC 1525	24-26 g	26 g	22-24 g	x	24 g	x	24 g	24 g	24 g	24 g	24-26 g	24-26 g	24", 24-26 g

- 22 gauge, available on request depending on profile. Minimum quantity required, additional production lead times are to be expected.
- Coastal paint system available upon request, additional charges will apply. In order to apply the warranty, you must complete and submit the analyse form for warranty application.
- Please note that the full range of colors available on the market is also available on request. We recommend that you to contact your MAC representative for availability and lead times.



**"Order your samples now and
bring your projects to life!"**

COLORS	PAINT CODE	MS 1 & 2 MS1 MOD. MS AUT.	MS 3 & 4	POLYMAC *	BOARD AND BATTEN & REVERSE BB	VERSA & METAL BLOCK	FLUTED PANEL	HARRYWOOD PLUS BLOCK	HARRYWOOD PLUS	NORWOOD	NORWOOD MINI	CORRUGATED (MS 380)	MS 750 & MS 750I	FLAT ROLLS
INSPIRATION COLLECTION TEXTURAL IV (paint system based on PVDF - Poly Vinylidene Fluoride)														
Titanium White 101	MHQC 2015	24-26 g	26 g	22-24 g	26 g	24 g	26 g	24-26 g	24-26 g	24-26 g	26 g	24-26 g	24-26 g	24", 24-26 g

INSPIRATION COLLECTION TEXTURAL II (SMP base paint system)														
Titanium Black 102	MHQC 1964	24-26 g	26 g	22-24 g	26 g	24 g	26 g	24-26 g	24-26 g	24-26 g	26 g	24-26 g	24-26 g	24", 24-26 g

INSPIRATION COLLECTION TEXTURAL III (polyurethane-based paint system)														
Metallic Grey 103	MHQC 1900	24-26 g	26 g	22-24 g	x	24 g	x	24 g	24 g	24 g	24 g	24-26 g	24-26 g	24", 24-26 g
Metallic Copper 104	MHQC 800	24 g	x	x	x	24 g	x	x	x	x	x	24 g	24 g	24", 24 g
Slate Grey 105	MHQC 969	24-26 g	26 g	x	x	x	x	x	x	x	x	24-26 g	24-26 g	24", 24-26 g
Charcoal Grey 106	MHQC 8306	24-26 g	26 g	x	x	x	x	x	x	x	x	24-26 g	24-26 g	24", 24-26 g
Bright Red 107	MHQC 8386	24 g	x	x	x	24 g	x	x	x	x	x	24 g	24 g	24", 24 g
Autumn Blue 108	MHQC 970	24-26 g	26 g	x	x	x	x	x	x	x	x	24-26 g	24-26 g	24", 24-26 g
Sandstone Red 109	MHQC 965	24-26 g	26 g	x	x	x	x	x	x	x	x	24-26 g	24-26 g	24", 24-26 g
English Green 110	MHQC 966	24-26 g	26 g	x	x	x	x	x	x	x	x	24-26 g	24-26 g	24", 24-26 g
Dark Brown 111	MHQC 2290	24-26 g	26 g	x	x	x	x	x	x	x	x	24-26 g	24-26 g	24", 24-26 g
Onyx Black 112	MHQC 964	24-26 g	26 g	x	x	24 g	x	x	24 g	24 g	x	24-26 g	24-26 g	24", 24-26 g

MINIMUM SLOPES FOR ROOFING BY PAINT SYSTEM

Textural III & Textural IV

For pre-painted steel roof profiles using the paint systems TEXTURAL III (polyurethane based paint system) or TEXTURAL IV (PVDF – Poly vinylidene Fluoride based paint system), a minimum roof angle of 5 degree must be maintained with proper drainage to eliminate any potential for standing water, as this will void any warranties for these applications.

A minimum slope of 5 ° is required in relation to the warranty (appearance of the paint) and not with the sealing of the system for the roof profiles MS Authentic, MS1, MS2 MS3 & MS4.

For information:

5 degrees of slope = 8.80% of slope

15 degrees of slope = 26.79% of slope

SLOPE	POURCENTAGE	ANGLE
1:12	8,3%	4,74°
2:12	16,7%	9,48°
3:12	25%	14,4°
4:12	33,3%	18,42°



Project: Gregg Avenue Townhouse | Fayetteville, AR
Photography: ACME BRICK
Profiles & colors: Harrywood Plus & Versa | Cedar & Titanium White



ACCESSORIES



SNOW GUARDS

PEAK

With their sleek design, the Peak snow guards fit seamlessly with contemporary metal roofs and are available in natural or painted finishes..

Height | 2.95 in (75 mm)

Base Width | 3.54 in (90 mm)

Length | 4.33 in (110 mm)



NORTH WEST

The North West snow guards, with their classic style, complement heritage and traditionally designed metal roofs. They are available in natural or painted finishes.

Height | 2.75 in (70 mm)

Width | 5.04 in (128 mm)

Length | 4.06 in (103 mm)

STEEL COILS

Complete the specific details of your project with steel coils designed to match your selected colors perfectly, ensuring visual consistency and exceptional finishing.

Colors from the Wood Collection and Black & Titanium White

- Rolls, 16 in x 50 ft, 26 g
- Rolls, 16 in x 100 ft, 26 g

Colors from the Inspiration & Signature Collection only

- Rolls, 24 in x 50 ft, 26 g
- Rolls, 24 in x 100 ft, 26 g
- Rolls, 24 in x 50 ft, 24 g
- Rolls, 24 in x 100 ft, 24 g



MAC SCREWS

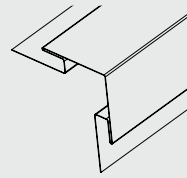
The use of MAC screws is highly recommended, as they are specially designed for the MAC profiles. Conforming to ASTM B-117, they offer proven resistance for up to 2,000 hours in corrosive environments, guaranteeing the durability of MAC products. If other anti-corrosion screws are used, they must also comply with ASTM B-117 or be made of stainless steel to guarantee equivalent performance and durability.

MOULDINGS

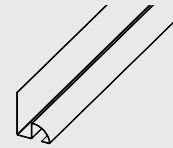
CUSTOMIZE YOUR PROJECTS WITH OUR TAILORED MOULDINGS

Each profile offers a full range of custom-designed mouldings to meet your needs. In addition to the five standard mouldings—starter moulding, J Trim, drip edge, interior corner, and exterior corner—you can explore the full range in our moulding catalogue by scanning the QR code below.

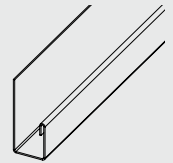
Do you have specific requirements? We also offer custom mouldings. Submit your dimensions, and we'll provide a proposal tailored to your needs.



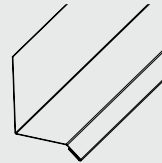
OUTSIDE CORNER



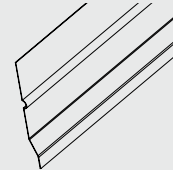
INTERIOR CORNER



J-TRIM



DRIP FLASHING



STARTING STRIP



ARCHITECTURAL PLANKS

MAC's steel architectural slats are the ideal alternative to natural wood. Fully express your creativity by adding unique accents to transform façades, entrances, and terraces into distinctive works of art. Combining contemporary aesthetics with unrivalled durability, our planks are designed to withstand the harshest weather conditions, guaranteeing exceptional longevity.

Gauge | 24
Width | 2 in (50.8 mm)
Depth | 5.25 in (133.35 mm)
Length | 144 in (3 657.6 mm)

MAC CUTTERS

OPTIMIZE YOUR INSTALLATION EFFICIENCY!

We offer tailored cutters for most of our profiles. These cutters save you valuable time during cuts while preserving product integrity. With our time-saving solutions, you can simplify your installations and achieve flawless results.

POLYMAC BENDER

The specific bender is an essential tool for on-site panel modifications. It enables precise 90° folds or replicates factory finish edges on panel ends, ensuring quick and effective adaptation to project requirements. With this solution, professionals can make high-quality adjustments while maintaining the integrity and aesthetics of the panels.





MACMETALARCHITECTURAL.COM

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