

RIGID FRAME

BUILDING BROCHURE

METALBUILDING
OUTLET CORP.



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(303) 948-2038 | METALBUILDINGOUTLET.COM

WHO WE ARE

YOUR ONE STOP SOURCE FOR COMPLETE BUILDING SYSTEMS

WHO WE ARE

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Metal Building Outlet has an outstanding reputation in the metal building business because we maintain long-lasting business relationships with leading field techs, engineers, contractors, design professionals, industry vendors, and customer service professionals. Moreover, we are committed to using only high-quality materials and providing superior customer service to all clientele.

We strive to exceed your expectations!

Metal Building Outlet

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FEATURES AND BENEFITS

OUR METAL BUILDING FEATURES AND THE BENEFITS OF WORKING WITH US

MBO FEATURES

LONG LIFE FASTENERS

Our fasteners combine style and function with color-matched integral heads and leak-proof rubber o-rings. (pg 13)

FULL WRAP TRIM

For a finished look and to help prevent rust of structural primed framing. (pg 14)

STEP-BY-STEP ERECTION GUIDE

We provide drawings and instruction manual matching your building pieces.

BASE TRIM

Base trim seals off the wall panel at the base preventing moisture and debris from entering the building. (pg 15)

FRAMED OPENINGS

Our sturdy door and window structural frames add support for smooth opening and closing. (pg 11)

WARRANTY

We offer a lifetime warranty on all colored panels, a fitness warranty and a product warranty. (pg 5)

CLOSURES

We provide closed-cell closures that helps prevent water from wicking back into the building. (pg 16)

DIE-FORMED RIDGE CAP

Die-Formed ridge cap crowns your metal roof, for a clean look and for a tighter seal up to 4:12 roof slopes. (pg 13)

MBO COMPANY BENEFITS

PROJECT SUPPORT LIAISON

We work with you as project liaison all the way through building delivery to erection.

NATIONAL DELIVERY

We have distribution centers throughout the country to help enable the fastest shipping possible.

VENDER RELATIONSHIPS

Our long standing vendor relationships have allowed us to provide the best pricing in the industry.

45+ YEARS IN BUSINESS

We have been selling metal buildings nationally for over 45 years and there is not much we have not seen.

A CENTURY OF SALES EXPERTISE

Our sales team has over 100 years of collective metal building sales experience.

MBO QUALITY STANDARDS

We have established quality control standards that our vendors adhere to.

ERECTION DISCLAIMER

From time to time a buyer may request names of contractors or erectors to put up the products ordered from our company. The provision of such names should not be considered as a recommendation or representation of the skill, quality of workmanship, or ability of an erector or contractor and we strongly urge you to obtain and check references and insurance certificates of all the erectors before selecting one to perform the work. Presently, there are no erectors, contractors, or dealers that are employees or agents of the supplier without exception; this is the policy of the dealer and their affiliates, if any. You agree to release the material supplier and all affiliated companies of any responsibilities and claims arising out of the erection process and/or relationship of the erector.

PLANNING AHEAD

PROTECTING YOURSELF AND YOUR ASSETS



PLANNING AHEAD

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SAFETY & INSURANCE

CONSTRUCTION SAFETY PROTOCOL: GUIDELINES, INSURANCE, AND PLANNING.

Establish a safety plan before construction to protect the welfare of your workers and insurance to protect assets and to help fund any claims. Prioritize adherence to metal building construction safety guidelines and maintaining a safe substance free workplace, engaging safety-focused contractors, using protective gear, harnesses, and securing comprehensive insurance, including liability and worker's compensation, are essential steps.

Additionally, consider acquiring builders risk insurance to protect your investment in the materials during delivery and installation.

BUILDING DELIVERY

BE SURE TO COMPLETELY INVENTORY YOUR BUILDING MATERIALS!

Ensure adequate equipment and staff for off-loading your building, ensuring site accessibility for carrier equipment. Utilize a forklift and dunnage, considering a spreader bar for panels longer than 20' to prevent bending during offloading. The buyer is responsible for inspecting and inventorying upon delivery, noting any damages or claims on the bill of lading promptly. Failure to inspect and report potential claims may waive any claims later on.

TEMPORARY BRACING PLAN

In addition to a safety plan, a temporary bracing plan is highly recommended. Temporary bracing provides temporary stability and stiffness to the building while the building is being assembled. Wind loads on bare frames differ from fully sheeted structures. The temporary bracing should remain in place until the sheeting is completed.



Local building code requirements vary upon job site location. It is the responsibility of the building owner or purchaser to verify and ensure the building purchase meets local code requirements.

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PRODUCT WARRANTIES



ALL METAL BUILDING OUTLET BUILDINGS ARE BACKED BY WRITTEN WARRANTIES

All Metal Building Outlet buildings are backed by written warranties. We provide some of the best warranties in the industry and strive to provide the highest quality materials available. Product warranties are specific to your project. Copies can be requested as a part of your material purchase.



FITNESS WARRANTY



COLOR WARRANTY



PRODUCT WARRANTY

FOUNDATIONS

PIER, PERIMETER, & MONOLITHIC

PIER FOUNDATIONS

Pier Foundations are used when a concrete slab floor is not needed. They are commonly used for barns, equipment storage, agricultural and livestock buildings and in buildings when the concrete expense is a factor.

FOUNDATIONS

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FOUNDATIONS

PERIMETER FOUNDATIONS

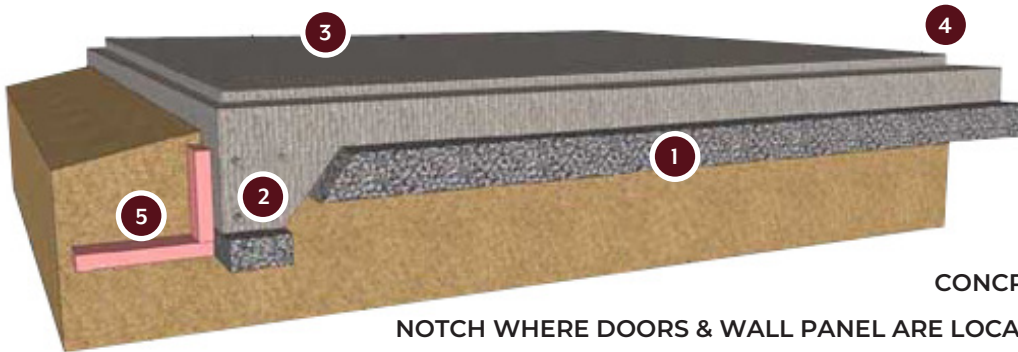
Perimeter foundations are used in buildings that are heated in areas where the ground freezes.

This helps prevent the frost freezing the ground under the slab.



MONOLITHIC FOUNDATIONS

Monolithic foundations are typically used in non-heated structures. They are commonly used in self storage buildings, shops and other buildings with light gauge framing. They can also be used in conjunction with piers for additional column support.



CRUSHED STONE BASE 1

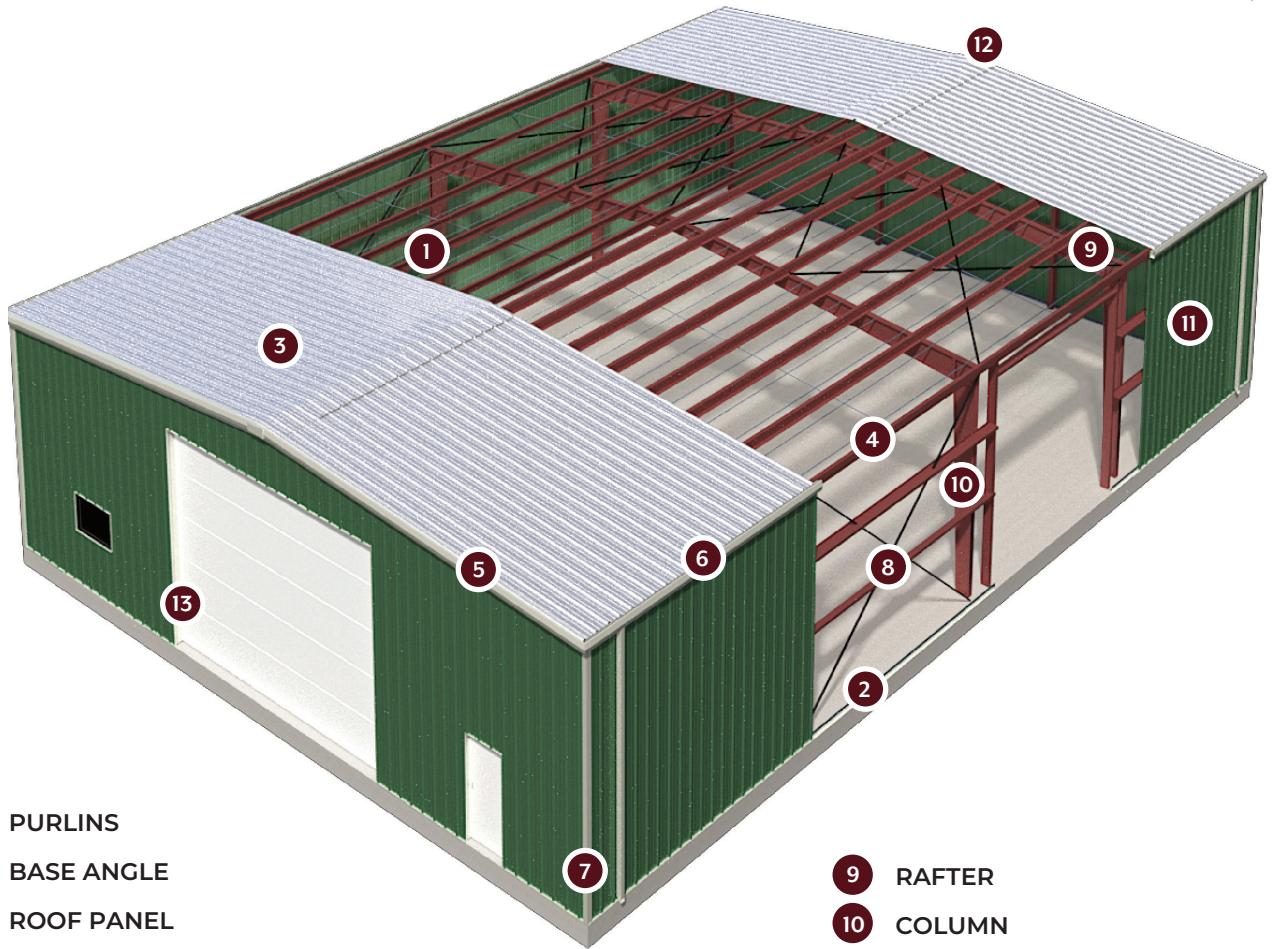
CONTINUOUS REBAR 2

CONCRETE SLAB WITH WIRE MESH 3

NOTCH WHERE DOORS & WALL PANEL ARE LOCATED TO PREVENT MOISTURE 4

OPTIONAL RIGID FOAM INSULATION TO CREATE FPSF (FROST PROTECTION SHALLOW FOUNDATION) 5

FRAMING



- 1 PURLINS
- 2 BASE ANGLE
- 3 ROOF PANEL
- 4 EAVE STRUT
- 5 RAKE TRIM
- 6 EAVE TRIM
- 7 CORNER TRIM
- 8 GIRT

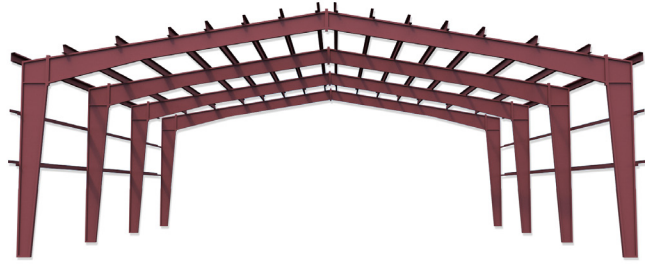
- 9 RAFTER
- 10 COLUMN
- 11 WALL PANEL
- 12 DIE-FORMED RIDGE CAP
- 13 OVERHEAD DOOR WRAP TRIM



FRAMING



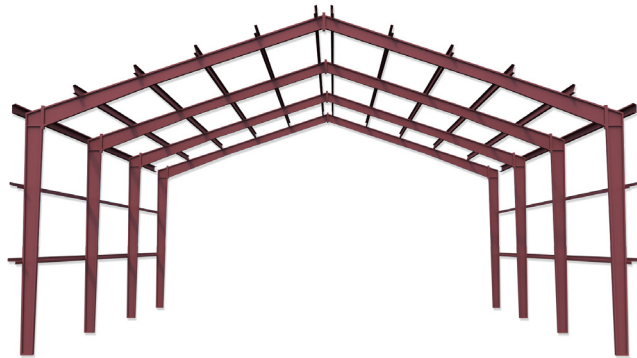
1:12 ROOF PITCH



2:12 ROOF PITCH



3:12 ROOF PITCH



4:12 ROOF PITCH



SINGLE SLOPE



LEAN-TO



BRACING

X BRACING (CABLE OR ROD)

Cross bracing is used to keep buildings stable when the wind blows and during seismic events, such as an earthquake & during construction.



PORTAL FRAME

The use of portal frame are used when a framed opening are needed in every bay.



1 PORTAL FRAME

FLANGE BRACING

A flange brace connects to the rafter and purlin, column to girt.



1 FLANGE BRACING

FRAMED OPENINGS

DOOR & WINDOW FRAMED OPENINGS

We provide structural framed openings for doors and windows. Our framed openings provide support for doors and windows and secure them to the building. This eliminates the need for wood framing and prevents the doors and windows from shaking when they open and close.



FRAMED OPENING

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1 FULL WRAP DOOR TRIM

SHEETING

PANEL OPTIONS

PANEL PROFILES

HIGH RIB PBR PANEL - STANDARD HEAVY 26ga

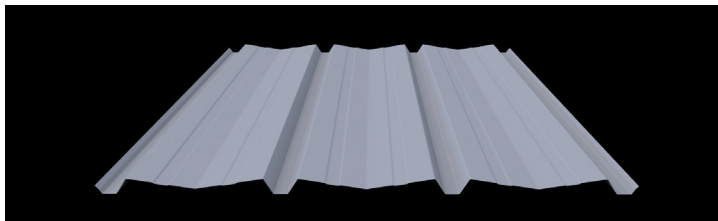


1.25' HIGH

*60-80,000 PSI RATED PANEL

High Rib PBR Panels are commonly used in commercial applications in a wide variety of buildings and applications. The purlin bearing rib comes standard in 36" width coverage with 12" on center spacing.

ARCHITECTURAL PANEL



1.25' HIGH

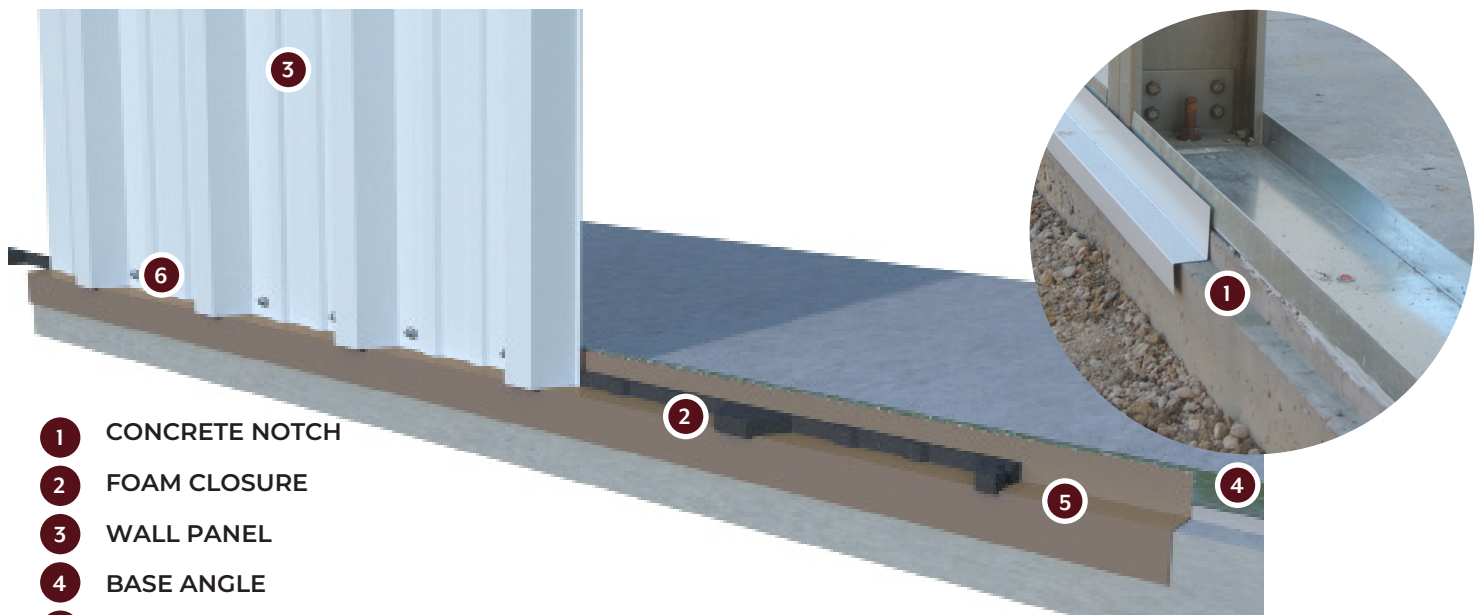
*60-80,000 PSI RATED PANEL

Architectural Panels offer an aesthetically pleasing look by reversing the panels to conceal the fastener. They are used in buildings when the building owner is adhering to the local city zoning requirements or looking for a different aesthetic. The panels come standard in 26ga, 24ga panels are available also.

PANEL OPTIONS

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WALL SHEETING

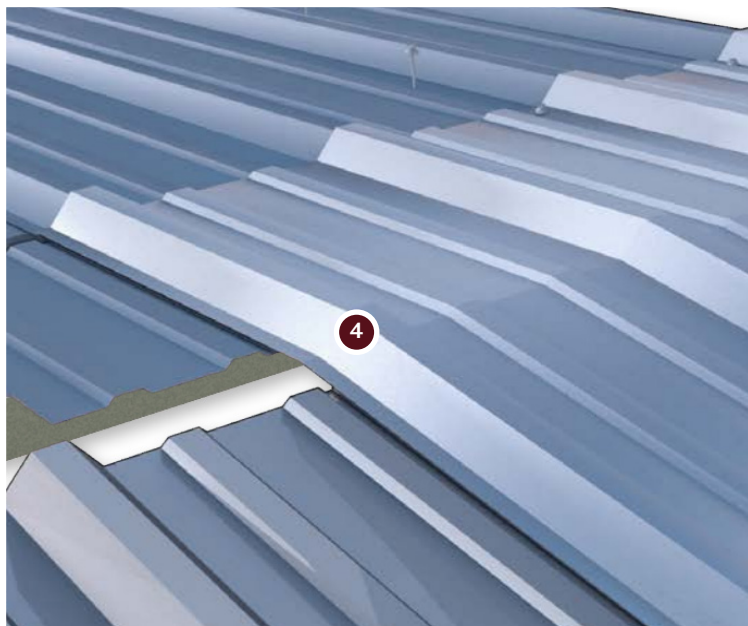
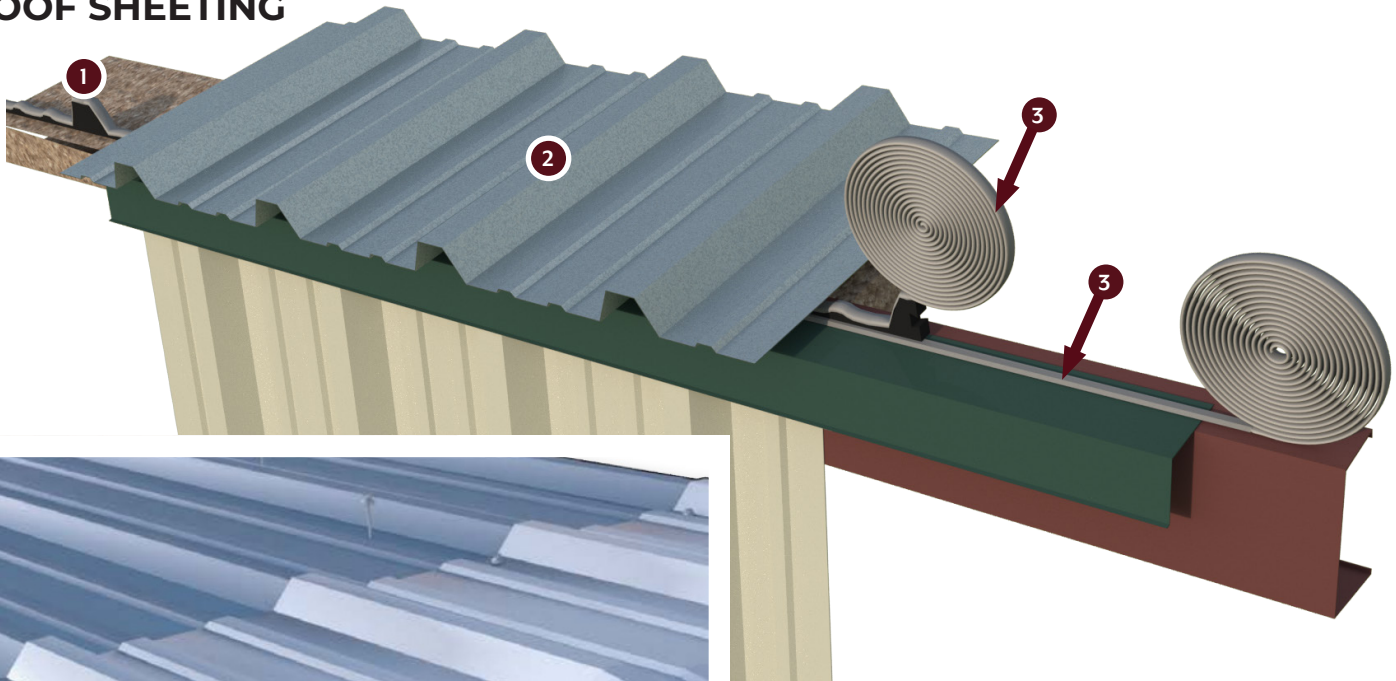


- 1 CONCRETE NOTCH
- 2 FOAM CLOSURE
- 3 WALL PANEL
- 4 BASE ANGLE
- 5 BASE TRIM
- 6 FASTENER

SHEETING

PANEL OPTIONS

ROOF SHEETING



- 1 EAVE CLOSURE
- 2 ROOF PANEL
- 3 SEALANT PACKAGE AT EAVES
- 4 DIE FORMED RIDGE CAP

PANEL OPTIONS

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FASTENERS



INSTALLING SELF-DRILLING SCREWS

Our “Long Life” fasteners are high-quality, high-strength, and corrosion-resistant. They come with a red rust warranty and are color-matched to your building.

The special cupped head design prevents overdrilling and safeguards the washer from UV rays.



[FOLLOW THIS LINK TO LEARN MORE](#)

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TRIM



1 GABLE/RAKE TRIM

2 EAVE TRIM W/ GUTTER

7 WAINSCOT

3 DOWNSPOUT

4 CORNER TRIM

5 WINDOW TRIM

6 WRAP TRIM



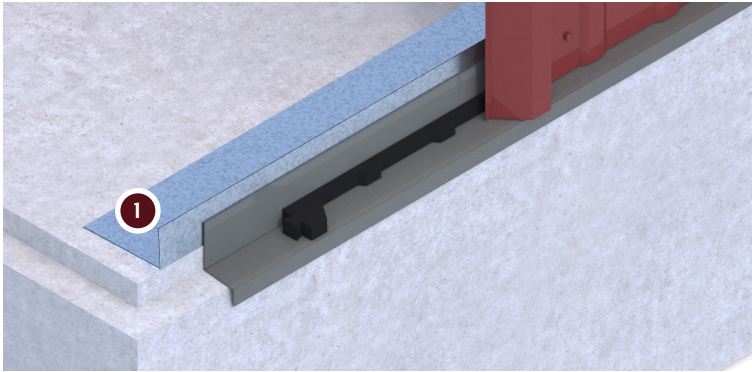
1 J-TRIM

2 FULL WRAP DOOR TRIM

3 WAINSCOT TRIM



TRIM



BASE TRIM

Base trim is a standard offering on our buildings. This includes a red iron or a galvanized base angle, which effectively helps protect the bottom of the panel from resting on concrete. Additionally, a galvanized base channel is optional, offering a secure attachment method for the interior liner panel.e

- 1 BASE ANGLE
- 2 OPTIONAL BASE CHANNEL
- 3 CORNER TRIM
- 4 OPTIONAL GUTTER AND DOWNSPOUT

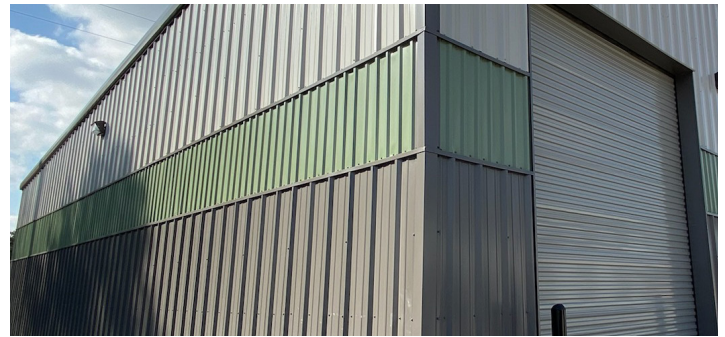


WAINSCOT & CLOSURES

METAL WAINSCOT

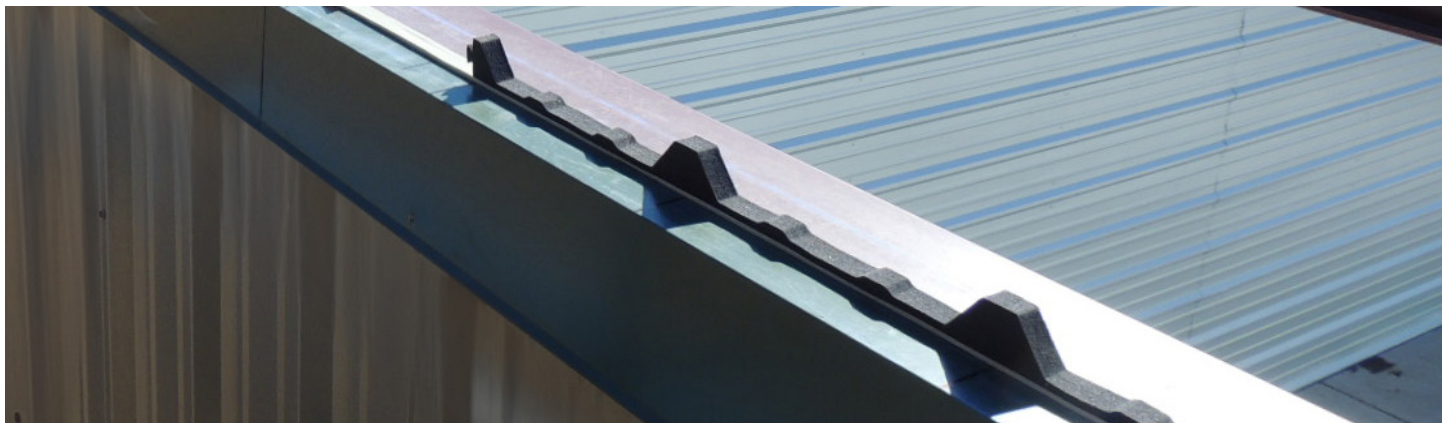
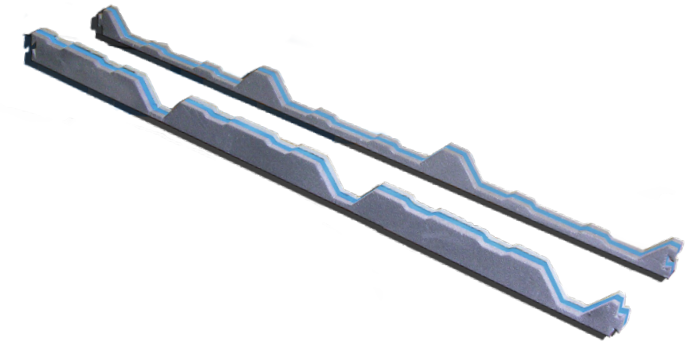
WAINSCOT

You have the flexibility to enhance the exterior of any building by incorporating a wainscot, which adds color or contrast. To further refine the appearance, transition trim can be installed to create a smooth transition between the two colors. At the height of the wainscot, a girt is positioned for added structural support. Typically, wainscot is set at 4 feet, but it can be customized to any desired height. For increased curb appeal, you have the option to incorporate custom brick or stone finishes into the wainscot design.



CLOSURES

Our closed cell closures offer an upgraded level of quality and performance. They are designed with a superior fit and interlock at the eave and base, seamlessly integrating underneath the metal roof panels. This effectively prevents the entry of water, dust, air, and pests, helping to provide a secure and weather-resistant seal.



DOORS

STEEL WALK DOORS & OVERHEAD DOORS

STEEL WALK DOORS

Our steel walk doors are designed to meet high standards, starting with standard heavy 20-gauge construction. These doors come insulated. Included with the doors are a lever lock, a subframe with trim to ensure a complete and secure installation.

The standard walk door is equipped with polystyrene insulation, providing an R-Value of 6.14. However, for even greater insulation capabilities, we offer an upgraded option with a polyurethane core, boasting an impressive R-Value of 11.



STEEL WALK DOORS

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OVERHEAD DOORS

Our overhead doors are highly versatile, offering a range of options to fit your needs. They are available in various heights and widths. You have the choice between insulated and non-insulated options based on your specific needs. To further customize your overhead door, we offer additional features such as glass lites, track options, and weatherstripping. Glass lites can be incorporated to introduce natural light into the space, while track options ensure smooth and efficient operation. Weather stripping is available to enhance the door's sealing capabilities, providing protection against the elements.

INSULATION

OPTIONS FOR INSULATING YOUR BUILDING

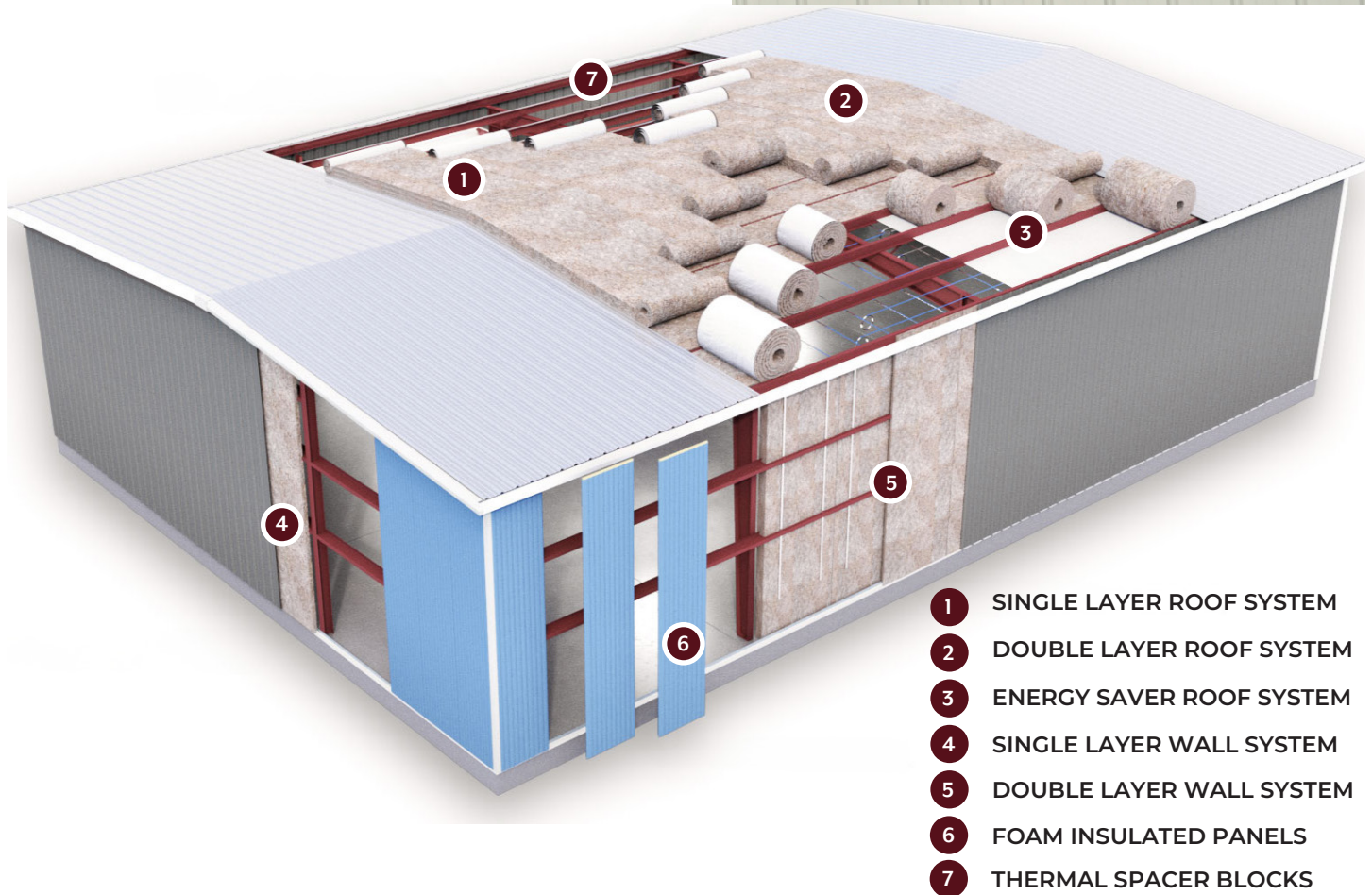
INSULATION

It is important to check local building department energy codes before choosing your insulation system for your metal building. We supply all types of insulation systems, from basic quality single-layer insulation systems to high-performance thermal insulation systems. We are advocates for more insulation and maximizing the thermal performance knowing that it is the one thing that has a payback through energy savings in a temperature-controlled building.



INSULATION

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- 1 SINGLE LAYER ROOF SYSTEM
- 2 DOUBLE LAYER ROOF SYSTEM
- 3 ENERGY SAVER ROOF SYSTEM
- 4 SINGLE LAYER WALL SYSTEM
- 5 DOUBLE LAYER WALL SYSTEM
- 6 FOAM INSULATED PANELS
- 7 THERMAL SPACER BLOCKS

Contact your project consultant to discuss the insulation system that best fits your building type and needs. We also encourage you to verify any required energy codes in your area.

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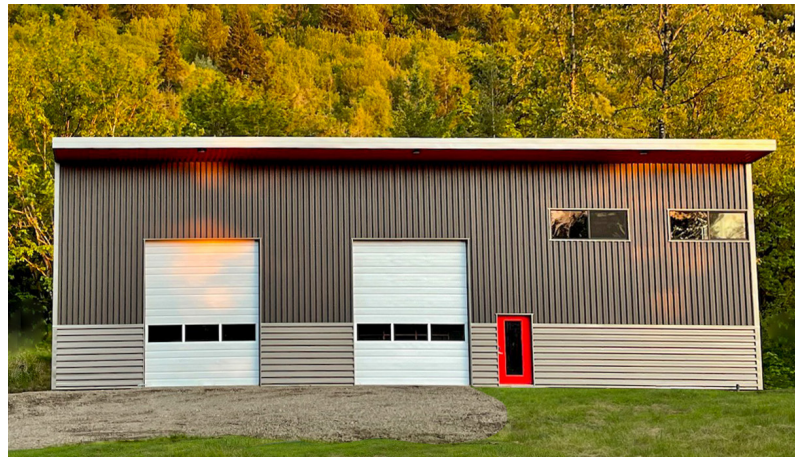
COLORS

We offer up to a 45 year warranty on most colors



COLORS

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We have a wide variety of options that truly make your building beautiful and one-of-a-kind. Our color options run across, not only the exterior of your building, but are also incorporated into our trim packages and even down to the actual exterior screws.

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CUSTOMIZATION OPTIONS

CUSTOMIZATION OPTIONS

Accessories can add a finishing touch to any prefabricated steel building. We supply the most common steel building accessories from the doors, vents, custom insulation packages, and everything in between.

CUSTOMIZATION OPTIONS

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CUSTOMIZATION OPTIONS

METAL BUILDING ACCESSORIES TO PERSONALIZE YOUR BUILDING



Steel Walk Doors



Overhead Doors



Store Front Doors



Gutters/Downspouts



Insulation Systems



Foam Insulated Panels



Cupolas



Windows



CUSTOMIZATION OPTIONS

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