

Quality Products, Quality Service









Quality Service, Quality Products

More than 150 years of building innovation

Robertson Building Systems delivers quality steel building systems and components.

With over 150 years in the construction industry, our company culture embraces change. This allows Robertson to quickly adapt to evolving building needs including today's architectural design trends, energy code requirements and sustainability issues.

Robertson's focus on delivering quality products with excellent service has resulted in strong and loyal relationships with our customers – some spanning more than forty years.

Robertson building components are designed and manufactured under quality standard CAN/CSA-A660 in IAS AC472-accredited facilities. Our welding standards are in accordance with CSA Standard W59 Welded Steel Construction and American Standard – AWS D1.1 Structural Welding Code – Steel. Building component assemblies rated to a variety of Underwriters Laboratory (UL) and Factory Mutual (FM) standards are available. At Robertson, we believe in service before and after the sale. Our products have some of the best warranties in the business.

Whether your project is small and simple or large and complex, Robertson can provide a building to meet your exact needs, specifications and budget. An extensive array of building components can add architectural flair to conventionally constructed buildings or be used to retrofit existing buildings. Choose from a wide array of panel profiles and colors, trims, flashings and accessories.

A Robertson building offers the strength of steel and knowledge that you are building with one of the world's most recycled materials. Virtually 100% of the metal used in steel construction is recyclable.

Low-maintenance steel roof and walls with high insulation values can help conserve energy while reducing operating and maintenance costs.

We will earn your referral by delivering a practical, aesthetic building solution on-time and on-budget for each and every project.

That's our commitment.



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Our rich history

Robertson can trace its roots back to 1863, so we've accumulated over 150 years of valuable growth-oriented experience in the construction business. Our continued success can be partly attributed to our dedication to adopting technology that improves our production capabilities and generates greater value-added features for our customers.

This depth of experience and knowledge makes Robertson a more valuable resource to answer your building questions.

Robertson Parkdale Facility, Spring 1967

What sets Robertson apart ...

Robertson is an uncommon company.

Uncommon in that we believe that working to make a profit is not the primary goal, it's a natural result of working to make sure our customers are totally satisfied. Satisfied to the point that you will never consider doing business with anyone else after we've had an opportunity to serve you.

We are a customer-focused company and we want to earn your referral.

Our people - from customer service to top management - strive to build long-term relationships so we can offer the best total solution for every building situation. In the long run, that's the best way to keep our company successful.

Best value, best price.

Robertson Building Systems are competitively priced. We continuously seek methods for improving productivity so that you benefit by getting the best value.

Our design capabilities...

Robertson customers benefit from the most advanced computer programs in the steel building systems industry today.





Robertson's software programs are continually enhanced to meet the increasing demands of the construction market.

Robertson makes it easy to configure and order buildings. Simple buildings with fast delivery can be ordered on-line using the web-based Robertson ExpressPlus[™] system.

Proprietary RBS software is used for more complex projects such as buildings with cranes or mezzanines. 3D drawings allow design decisions to be made right on the spot. Any required changes to the building can be made quickly and easily, with updated drawings and pricing generated immediately. Robertson uses advanced computer programs to create complex "hybrid" buildings for new architectural possibilities. For example, an engineered building system can be combined with light-gauge steel roof trusses or conventional construction materials to create unique offices, sports facilities, distribution centers, worship facilities and shopping centers.

Designers enjoy freedom to create a distinctive look, including curvilinear, asymmetrical, flat and geometric shapes, complex hip roofs and dormers.

Cutting-edge metal building design, drafting and manufacturing systems are utilized to ensure all building specifications are met exactly.

Some of the Industries We Serve...

Robertson buildings have been selected by discerning business owners in a wide variety of industries – from complex manufacturing plants, retail centers and office buildings to large and small warehouses and individual stores.

Our buildings also serve institutional needs, such as government facilities, sports centers, schools, churches and fire stations.

To see a complete project gallery, visit RobertsonBuildings.com



















Framing Systems

Every Robertson frame is designed and manufactured to meet your specific building requirements.

Robertson has the engineering expertise to design interiors with wide-open spaces, unusual ceiling heights and extreme loads. Our frame design can accommodate cranes, monorails, mezzanines and other custom requirements.

Robertson framing systems are separated into four main categories:

- **Clear Span Frames**
- Lean-To Frames
- **Multi-Span Frames**

- Long Bay Systems



Clear Span Frames

Clear Span frames are most often used in buildings where unobstructed interior space is required.

Common uses include aircraft hangars, arenas, tennis centers, riding arenas, soccer centers, manufacturing facilities, warehouses, offices and retail stores. A building designed without interior columns can also provide the space required for material handling and crane systems.





Framing Systems





Multi-Span Frames

Cost-effective Multi-Span frames are commonly used for building layouts that permit interior columns. The spacing between columns can be consistent or varied to meet customer requirements.

Large open floor spaces are accommodated by using the minimum number of columns to allow large open spaces and easy movement of fork lifts, etc. Common uses include manufacturing plants, warehouses, truck terminals and retail stores.



Lean-To Frames

A Lean-To frame typically has a single slope profile (no ridge) and straight sidewall columns. It must be supported by attachment to another frame. Primarily used for expansion or extension of a building, lean-to frames can provide additional space very economically. They are commonly used to provide additional office or storage space for a larger building.





Lean-To Frame

Long Bay® System



When you need to maximize interior space, Robertson's Long Bay[®] System is the solution. This innovative steel roof framing product provides large areas of open floor space using solid web primary frames and pre-punched open web purlins (roof secondary structural members) to provide bay sizes up to 65' in length.

It's the perfect answer for manufacturing plants, vehicle dealerships, warehouse/distribution facilities and large retail stores since it requires fewer interior columns. This strong yet lightweight roof fram-



Long Bay[®] Truss



ing system provides all the benefits of engineered building systems including superiority over conventional construction methods.

Choose from tapered columns for economy or straight columns for aesthetics and clearance. For buildings that include completely loadbearing walls, sidewall columns may not be necessary.

To optimize life-cycle costs, Robertson's Long Bay[®] System can be ordered with a standing seam roof in your choice of single-slope, double-slope or offset ridge profiles with slopes from 1/4:12 to 1:12.

Alternatively, Long Bay[®] can also be used with B-deck for a built-up or single-ply roof. The Long Bay[®] System works well with a wide variety of compatible wall systems including tilt-wall or pre-cast concrete, EIFS and curtain wall assemblies, masonry, brick and insulated or single-skin metal wall panels.

Self-Storage Solutions

Fast and easy to install, steel self-storage systems offer the utmost in performance while attracting customers too. Using lightweight structural steel for strength that lasts, exterior panels and trim are available in several attractive profiles and colors.

Standard Single-Story systems can be tailored to your specifications. Choose from a selection of wall systems and roof systems including Standing Seam roofs for weathertightness.

Climate-Controlled systems have enhanced thermal efficiency which means lower utility costs. A complete selection of corridor and panel options makes this an ideal choice for protecting personal possessions.

Boat & RV Storage meets the storage needs of outdoor enthusiasts. Storage units up to 15 feet wide are available.

Optional doors, windows, gutters, downspouts and insulation are also available.





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Single Skin Roof & Wall Systems

Robertson roof and wall systems are not only weathertight, they are also lightweight, energy efficient and virtually maintenance-free.

Fabricated from high-strength steel, Robertson panels are resistant to decay and thermal shock. To resist steel's normal oxidation and deterioration, roof systems are available painted or with a long-life coating. Limited warranties are available on painted roofs for up to 40 years, and up to 20 years on Galvalume[™] and Galvalume[™] Plus* material.

Robertson roof systems are separated into three main categories:

- **Through-fastened roof panels** require mechanical fasteners to hold the panels to each other and to the sub-structure. A proven solution that provides function and economy.
- Seamed roof panels eliminate mechanical fasteners to connect adjoining panels.
- **Standing seam roofs (SSR)** are the most specified roof systems in the industry. Special clips allow the roof to accommodate the expansion and contraction of metal panels caused by daily and seasonal fluctuations in temperature.

Robertson wall panel systems come in a variety of colors and profiles. They can be used alone or in conjunction with traditional construction materials to create aesthetically pleasing and energy efficient buildings.

Light-mass walls and roofs consisting of metal panels and insulation store very little heat or cold. This allows HVAC systems to operate more efficiently, reducing utility costs. Advanced, state-of-the-art synthetic resin finishes reduce maintenance costs.

* Galvalume and Galvalume Plus are trademarks of ArcelorMittal in Canada and are trademarks of BIEC International Inc. in the United States.



Single Skin Roof & Wall Systems

BattenLok® HS



A mechanically field-seamed, high-strength standing seam roof system with a 2" tall vertical seam that can be installed directly over purlins or bar joists and can transition from roof to fascia. BattenLok® HS does not require a solid substructure for support. In addition to the UL 90 rating, this system has met all test requirements specified in CEGS 07416 / ASTM E 1592 Standing Seam Metal Roof System guide specification.

- Applications: Roof
- Coverage Widths: 12" and 16"
- Minimum Slope: ½:12
- Panel Attachment: Concealed Fastening System, Low, High (fixed or floating), Utility (no insulation clearance)
- Gauges: 24 (standard); 22 (optional)
- Finishes: Smooth Striated (standard); Embossed Striated and Smooth, Embossed Striated with Pencil Ribs (optional)
- Coatings: Galvalume Plus[®], Signature[®] 200, Signature[®] 300, Signature[®] 300 Metallic

Curved BattenLok®



A water-shedding, curved standing seam metal roof system with striations that features a 2" tall standing seam, field-seamed during installation. Panels may be curved to a minimum radius of 20 feet. It can be installed directly over purlins/joists or over wood decks and metal decks with rigid insulation. Open framing applications eliminate costly curved deck surfaces and membrane underlayments. For large and/or long panels, the curving process can be accomplished at the job site. In addition to the UL 90 rating, the BattenLok[®] HS system has met all test requirements specified in CEGS 07416 / ASTM E 1592 Standing Seam Metal Roof System guide specification.

- Applications: Roof
- Coverage Widths: 16"
- Panel Attachment: Concealed Fastening System, Low, High (fixed or floating), Utility (no insulation clearance)
- Gauges: 24 (standard)
- Finishes: Smooth Striated (standard)
- Coatings: Galvalume Plus®, Signature® 200, Signature® 300

Double-Lok[®]



A mechanically field-seamed, trapezoidal leg standing seam roof system. Standard 2-1/2" sliding clips allow for thermal movement. An optional 4" sliding clip can eliminate roof steps on a double-sloped roof up to 900' wide or a single-sloped roof up to 450' wide. Clips are offered in high and low versions to accommodate different thicknesses of insulation. A 2" standoff clip is also available, allowing the placement of 6" fiberglass insulation and a 1" thermal spacer between the roof panel and the purlin or joist, a requirement for several climate zones in the new energy codes.

- Applications: Roof
- Coverage Widths: 12", 18" and 24"
- Minimum Slope: 1/4:12
- Panel Attachment: Concealed Fastening System, Low, High, 2" Standoff
- Gauges: 24 (standard), 22 (optional)
- Finishes: Smooth (standard); Embossed (optional)
- Coatings: Galvalume Plus®, Signature® 200, Signature® 300, Signature® 300 Metallic

SuperLok[®]



A mechanically field-seamed system that combines a 2" tall slim rib with exceptional uplift resistance. SuperLok[®] can be installed directly over purlins or bar joists. This panel does not require a solid substructure for support. In addition to the UL 90 rating, SuperLok[®] meets a variety of ratings as tested under FM Global Corporation Standard 4471.

- Applications: Roof
- Coverage Widths: 12" and 16"
- Minimum Slope: ½:12
- Panel Attachment: Concealed Fastening System, Low, High (fixed or floating), Utility (no insulation clearance)
- Gauges: 24 (standard); 22 and 26 (optional)
- Finishes: Smooth Striated (standard); Embossed Striated (optional)
- Coatings: Galvalume Plus[®], Signature[®] 200, Signature[®] 300, Signature[®] 300 Metallic

Single Skin Roof & Wall Systems

Ultra-Dek[®]



A snap-together, trapezoidal leg standing seam roof system that can be installed on various types of construction. The standard offering is a sliding clip that allows for thermal movement. These clips are available in high and low versions for uses with different thicknesses of vinyl-backed fiberglass insulation.

- Applications: Roof
- Coverage Widths: 12", 18" and 24"
- Minimum Slope: 1/4:12
- Panel Attachment: Concealed Fastening System, Low, High (fixed or sliding)
- Gauges: 24 (standard); 22 and 26 (optional)
- Finishes: Smooth (standard); Embossed (optional)
- Coatings: Galvalume Plus[®], Signature[®] 200, Signature[®] 300, Signature[®] 300 Metallic

7.2



When your design calls for a commercial or industrial exposed fastener panel, the 7.2 Panel is an ideal choice. This panel offers versatility and functionality for roofs and walls. The symmetrical ribs provide excellent spanning and cantilever capabilities, making 7.2 an excellent choice for carports and walkway canopies

- Applications: Roof and Wall
- Rib Spacing: 7.2" on center
- Coverage Widths: 36"
- Slope: Recommended for roof slopes of ½:12
- Panel Attachment: Exposed Fastening System
- Gauges: 24 (standard); 29, 26, 22 (optional)
 Finishes: Smooth (standard); Embossed (optional)
- Coatings: Galvalume Plus®, Signature® 200, Signature® 300, Signature® 300 Metallic

PBR



An exposed fastener, structural panel that can be used for both roof and wall applications. PBR panel is widely used for a wide variety of architectural, commercial and industrial applications.

- Applications: Roof, Wall and Liner
- Coverage Widths: 36"
- Rib Spacing: 12" on Center
- Rib Height: 1-1/4"
- Minimum Slope: 1/2:12
- Panel Attachment: Exposed Fastening System
- Gauges: 26 (standard); 22, 24 and 29 (optional)
- Finishes: Smooth (standard); Embossed (optional)
- Coatings: Galvalume Plus[®], Signature[®] 200, Signature[®] 300

ShadowRib[™]



Combining aesthetics, economics and function, 3" deep flutes create distinctive shadow lines on your structure. This attractive, versatile panel has superior structural strength offering design flexibility. ShadowRib[™] can be used for walls, fascias and equipment screens. The system can be applied over light-gauge framing, purlins, girts, structural steel and joists.

- Applications: Wall
- Coverage Widths: 16"
- Panel Attachment: Concealed fastening system. Panels may be secured to the structure from outside the building with the ShadowRib[™] concealed clip, or from inside the building with an expansion fastener. Both are positive fastening methods that create a secure interlock between panel and structure.
- Gauges: 24 (standard) and 22 (optional)
- Finishes: Smooth (standard); Embossed (optional)
- Coatings: Galvalume Plus[®], Signature[®] 200, Signature[®] 300, Signature[®] 300 Metallic

Single Skin Roof & Wall Systems

AVP

The AVP panel features pencil ribs to provide a unique design feature. The inverted panel ribs provide a discreet location for exposed fasteners. AVP panel is suitable for wall panel, liner panel, soffit panel, mansard panel face and back sheet.

- Applications: Wall, Liner, Soffit, Mansard Panel face, Back sheet
- Coverage Widths: 36"
- Rib Spacing: 12" on Center
- Rib Height: 1-1/8"
- Panel Attachment: Exposed Fastening System
- Gauges: 26 and 24
- Finishes: Smooth (standard); Embossed (optional)
- Coatings: Galvalume Plus[®], Signature[®] 200, Signature[®] 300

PBU



Designed for both roof and wall applications, PBU can be installed directly over purlins or joists. This panel offers the versatility of being used in both vertical and horizontal applications, giving designers a contemporary appearance for their building project. PBU is recommended for 1:12 or greater roof slopes.

- Applications: Roof and Wall
- Coverage Widths: 36"
- Rib Spacing: 6" on Center
- Rib Height: 3/4"
- Minimum Slope: 1:12
- Panel Attachment: Exposed Fastening System
- Gauges: 26 (standard); 22, 24 and 29 (optional)
- Finishes: Smooth (standard); Embossed (optional)
- Coatings: Galvalume Plus[®], Signature[®] 200, Signature[®] 300

Artisan[®]



The Artisan[®] panel can be vertical, horizontal, perpendicular or skewed to the building line, allowing the designer to create with multidimensional freedom. Artisan[®] Series panels use a concealed positive fastening method and are attached directly to the substructure. The fastener is concealed behind the flush face. Artisan[®] panels can also be used for soffits and interior liners.

- Applications: Wall, Liner, Soffit, Mansard Panel face, Back sheet
- Coverage Widths: 8", 10, 12"
- Panel Attachment: Concealed Fastening System
- Gauges: 24 (standard); 26, 22 (optional)
- Finishes: Smooth (standard); Embossed (optional)
- Coatings: Galvalume Plus[®], Signature[®] 200, Signature[®] 300, Signature[®] 300 Metallic





















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Insulated metal panels (IMPs) offer many advantages for building owners, designers and contractors. Some of these benefits include improved thermal performance, reduced building operational expenses, accelerated construction schedules and earlier business starts. Robertson's insulated metal panels are ideal for many applications, including architectural, commercial, industrial and institutional markets.

Robertson's insulated metal panels are available in many different wall profiles and two roof profiles. Our insulated metal panel color and applied finish offerings allow for a multitude of design opportunities. Whether you're an architect looking for the best design options, a contractor in need of efficient materials that are easy to install or a building owner looking to save money on energy and maintenance costs, insulated panels are a great solution.



CFR



CFR roof panel is suitable for cold storage applications

The CFR panel is an insulated metal standing seam roof panel, combining durable interior and exterior faces with a polyurethane foam core.

CFR roof panels have a wide coverage area between side joint connections and a mechanicallyclosed standing seam that is 2" high. Between the seams is a Mesa pattern with stucco embossing for added strength and superior appearance.

The CFR roof panel's diaphragm strength can be integrated into many steel-framed building bracing designs by attaching panels with the exclusive Clinch Clip[®]. Adjacent roof panels are interlocked without fastener penetrations that may compromise weathertightness or necessitate costly below-roof installation.

- Applications: Roof
- Coverage Widths: 30", 36", 42"
- Panel Thickness: 2", 2 ½", 3", 4", 5", 6"
- Panel Lengths: 9'-6" to 53'-0"
- Panel Joint: Mechanically closed single lock standing seam at the exterior side joint. The interior side joint is a single tongue and groove interlock.
- Fastening: Two-piece clip with fasteners concealed in the side joint. Cold Storage applications may require alternate
 methods of attachment.

CFR Retro-Seam[™]



The CFR Retro-Seam[™] insulated metal standing seam roof panel featuring Roof Hugger's[®] subpurlin system combines the technical innovation and product reliability providing a long-term, cost effective and energy efficient solution to your re-roofing challenge.

Retro-Seam[™] is a light-gauge structural member, notched to span over the original roof's ribs or corrugation, which is positioned directly over the building's framing system. The member is attached to the roof purlins through the bottom flange of the structural member and the existing roof sheet. The new insulated metal standing seam roof is then attached to the new member.



LS-36



The versatile LS-36[™] insulated metal roof and wall panel offers a multitude of design options. The deep ribs create an even-shadowed appearance and the overlapping, through-fastened joint allows for quick installation.

- Applications: Roof and Wall
- Coverage Widths: 36"
- Panel Thickness: 1 ½" , 2" , 2 ½" , 3" , 4" , 5" , 6"
- Panel Lengths: 8'-0" to 50'-0"
- Panel Joint: Overlapping with a single tongue and groove
- **Fastening**: Exposed through fasteners





7.2 Insul-Rib[™]



7.2 Insul-Rib[™] insulated metal wall panel combines a traditional 7.2 rib panel design with a polyurethane foam core. This widely used profile is available as an insulated panel in various thicknesses.

The 7.2 Insul-Rib[™] panel has a standard FM Approved Class 1 foam core and offers excellent insulating values. The metal and foam composite construction creates a rigid panel far stronger than the individual parts. This increases the span capability of the panel and reduces the need for secondary structural components.

- Applications: Wall
- Coverage Widths: 36"
- Panel Thickness: Nominal overall 2 1/2", 3", 4", 5", 6" (Includes rib height)
- Panel Lengths: 8'-0" to 40'-0"
- Panel Joint: Offset double tongue-and-groove with extended metal shelf for positive face fastening
- Fastening: Fastener and clip concealed in the side joint

Architectural Flat



Architectural insulated wall panel is ideal for high-profile architectural applications. The panels may be installed either vertically or horizontally for maximum design flexibility. Multiple module widths and joint reveals add to the design variations available. Attached with concealed clips and fasteners in the side joint, Architectural wall panels provide a beautiful flush appearance.

- Applications: Wall
- Coverage Widths: 24", 30", 36"
- Panel Thickness: 2", 2 1/2", 3", 4"
- Panel Lengths: 8'-0" to 32'-0"
- Horizontal Reveal Widths: ¼4", ¾", 1", 1 ½", 2", 2 ½", 3"
- Panel Joint: Offset double tongue-and-groove with extended metal shelf for positive face fastening
- Fastening: Fastener and clip concealed in the side joint

Fluted



Fluted wall panel provides bold vertical lines complimentary to almost any commercial or industrial building. Inverted ribs in the profile enhance the high-tech industrial look. Fluted wall panel is the recommended profile for the exterior of cold storage buildings.

- Applications: Wall
- Coverage Widths: 30", 36", 42"
- Panel Thickness: 2", 2 1/2", 2 3/4", 3", 4"
- Panel Lengths: Standard 8'-0" to 40'-0" for 30" and 36" widths. Standard 8'-0" to 32'-0" for 42" width
- Horizontal Reveal Widths: ¼", ½", ¾", 1"
- Panel Joint: Offset double tongue-and-groove with extended metal shelf for positive face fastening
- Fastening: Fastener and clip concealed in the side joint

HPCI Barrier[™]



HPCI Barrier[™] metal wall panel is an air, water, thermal and vapor barrier panel that can be used behind any type of façade. The HPCI Barrier[™] back-up panel is installed in a horizontal orientation completely outside the structural supports. There are no thermal bridges to reduce the energy efficiency of the wall. HPCI Barrier[™] is quick and easy to install and provides an economical solution to conventional air, water, thermal and vapor control without sacrificing thermal efficiency.

- Applications: Wall
- Coverage Widths: 42"
- Panel Thickness: 2", 3", 4"
- Panel Lengths: 8'-0" to 24'-0"
 - Panel Joint: Offset double tongue and groove with extended metal shelf for positive face fastening
 - Fastening: Fastener and clip concealed in the side joint. Factory caulking available
- 1. Exterior cladding e.g. Single skin metal panel
- 2. HPCI Barrier[™] wall panel
- 3. Gypsum wallboard
- 4. Structural steel

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INNOVA3[™]



INNOVA3[™] is a 3″ insulated metal panel and is ideal for high profile horizontal applications. INNOVA3[™] is specially designed to provide continuous insulation and meet ASHRAE 90.1 R-value requirements for steel framed walls.

Unlike more traditional insulation products, INNOVA3[™] insulated metal panels are placed outboard of the structural supports, creating a continuous barrier for maximum thermal efficiency with no compressed insulation or thermal bridges. A specially formed barrier side joint ensures maximum thermal performance and permits hidden application of the vapor sealant



within recessed grooves. This protects the sealant from harmful effects of extreme weather and provides an impenetrable water and vapor seal.

- Applications: Wall
- Coverage Widths: 24", 30", 36"
- Panel Thickness: 3"
- Panel Lengths: 8'-0" to 32'-0"
- Horizontal Reveal Widths: ¼", ½", ¾", 1", 1 ½", 2", 2 ½", 3"
- Panel Joint: Offset double tongue and groove with extended metal shelf for positive face fastening
- Fastening: Fastener and clip concealed in the side joint

Santa Fe®



Santa Fe[®] insulated metal wall panel has a flat exterior profile with a heavily embossed, stucco texture that mimics the look of masonry stucco.

The Santa Fe[®] panel has a standard FM Approved Class 1 foam core and offers excellent insulating values. The metal and foam composite construction creates a rigid panel far stronger than the individual parts. This increases the span capability of the panel and reduces the need for secondary structural components.

Applications: Wall

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- Coverage Widths: 36", 42"
- Panel Thickness: 2" , 2 1/2" , 2 3/4" , 3" , 4"
- Panel Lengths: 8'-0" to 40'-0"
- Panel Joint: Offset double tongue-and-groove with extended metal shelf for positive face fastening
- Fastening: Fastener and clip concealed in the side joint

Striated



Striated insulated metal wall panel is an attractive and economical alternative to conventional flat wall panels. The exterior face is lightly profiled with narrow longitudinal striations and exhibits a virtually flat appearance from a short distance away. The interior skin of this panel has a stucco-embossed Mesa pattern. The Striated insulated wall panel is an exceptional value combining the aesthetics of a flat wall panel with the high insulation ratings of a polyurethane core.

Striated panels have a standard FM Approved Class 1 foam core and offer excellent insulating values. The metal and foam composite construction creates a rigid panel far stronger than the individual parts. This increases the span capability of the panel and may reduce the need for secondary structural components.

- Applications: Wall
- Coverage Widths: 30", 36", 42"
- Panel Thickness: 2", 2 1/2", 2 3/4", 3", 4"
- Panel Lengths: Standard 8'-0" to 40'-0" for 30" and 36" widths. Standard 8'-0" to 32'-0" for 42" width
- Horizontal Reveal Widths: 1/4", 1/2", 3/4", 1"
- Panel Joint: Offset double tongue-and-groove with extended metal shelf for positive face fastening
- Fastening: Fastener and Clip concealed in the side joint

Mesa and Light Mesa



CF Stainless



Mesa and Light Mesa panels are suitable for cold storage applications Mesa & Light Mesa insulated metal wall panels are well suited for exterior wall and interior partition applications. The lightly corrugated profile on both faces of the panel ensures symmetry from outside the building to inside, and from room to room in partition applications. An aesthetically pleasing Mesa pattern is embossed on both interior and exterior skins. Mesa panels have a standard FM Approved Class 1 foam core and offer excellent insulating values. The metal and foam composite construction creates a rigid panel far stronger than the individual parts. This increases the span capability of the panel and may reduce the need for secondary structural components.

The CF Stainless wall panel has a highly reflective surface and the same attractive profile as the CF Mesa wall panel. The panel is suggested for use in areas where the faces are exposed to high-pressure wash-down and chemical cleaners.

Note: Use of chlorides for cleaning may cause corrosion of stainless steel surfaces if not thoroughly rinsed off.

- Applications: Wall and Partitions
- Coverage Widths: 36" & 42" Partition Panel: 44 1/2"
- Panel Thickness: 2", 2 1/2", 2 3/4", 3", 4", 5", 6", CF Light Mesa: 2", 2 1/2", 2 3/4", 3", 4" •
 - Panel Lengths: 8'-0" to 53'-0"
- Panel Joint: Offset double tongue and groove with extended metal shelf for positive face fastening
- Partition Panel Joint: Offset double tongue-and-groove
- Fastening: Fastener and clip concealed in the side joint
- Partition Panel Fastening: Through fastened at the top and bottom of the panel

ThermalSafe[®]



ThermalSafe® insulated metal panels are fire resistant. Consisting of metal facings bonded to a structural mineral wool core, this composite panel for exterior walls, partitions, ceilings and liners is rated for one-, two- or three-hour fire resistance.

In addition to fire resistance, ThermalSafe[®] panel provides good thermal performance and reduces sound transmission.

The unique LockGuard[®] side joint speeds the installation process and enhances the fire resistance of the panel with its tongue-and-groove engagement of the mineral wool core.

- Applications: Exterior fire resistant separation walls, ceilings, fire partitions and barriers •
- Coverage Widths: 42"
- Panel Thickness: 4", 5", 6", 7", 8"
- Panel Lengths: Standard 8'-0" to 40'-0"
- LockGuard® Joint: Flush double tongue-and-groove interlock of the metal faces and machined integral spline of the mineral wool core.
- Fastening: Through fastening across the width of the panel to the support framing. Consult fire resistive listings for fastener types and spacing. Fastening patterns may vary depending on specific wind-load and fire resistive requirements.

Tuff-Cast[™]



Tuff Wall[®]



Tuff-Cast[™] and Tuff Wall[®] insulated metal panels have a factory applied, hard aggregated fiber reinforced polymer coating called Tuff Cote®. Tuff Cote® finish offers an extremely durable, impact-and abrasion-resistant coating that withstands severe weather conditions.

Tuff-Cast[™] is an exceptionally attractive insulated wall panel that provides the appearance of finished pre-cast concrete with a tilt-up look.

Tuff Wall[®] panels mimic a stucco-like finish that provides the masonry look that many designers and communities desire.

Unlike field-applied finished that are vulnerable to damp or cold weather during installation, Tuff-Cast[™] and Tuff Wall[®] panels can be erected in virtually any weather conditions. The interior face of the panels are finished with an attractive Mesa profile and painted with a white polyester coating.

- Applications: Wall
- Coverage Widths: 36", 42"
- Panel Thickness: 2", 2 1/2", 3", 4", 5", 6"
- Panel Lengths: 8'-0" to 40'-0"
- Horizontal Reveal Widths: 1/4", 1/2", 3/4", 1", 1 1/2", 2", 2 1/2", 3"
- Panel Joint: Offset double tongue and groove with extended metal shelf for positive face fastening
 - Fastening: Fastener and Clip concealed in the side joint

RTS - Robertson Thermal System

Robertson Thermal System (RTS) is one of the industry's most proven roof and wall systems with millions of square feet installed.

The Robertson Thermal System (RTS) provides energy efficient roof and wall construction. Accommodating up to 12" of uncompressed insulation, RTS offers excellent R-values and a finished interior appearance.

The system is comprised of an exterior panel separated by thermal spacers from a liner panel. Various thicknesses of metal building insulation can be accommodated between the two panels with minimum through-metal contact.

RTS helps control condensation through vapor retardation. The interior liner panel supports and protects insulation while providing an attractive, easy-to-clean interior finish.

Intended for both new and retrofit construction, cost-effective RTS is easily customized to provide the level of energy efficiency required for your building.



No shut-down required during re-roof



Sustainability



If you're planning a new construction project, consider the ways a Robertson building can make your project more Eco-friendly right from the beginning.

Whether you are seeking to meet LEED, Green Globes or other certification requirements or simply wanting to improve a building's energy performance, Robertson offers many environmentally-friendly building solutions.

The LEED New Construction Rating System in Canada and the USA recognizes buildings incorporating leading design, construction, and efficient operational practices with reduced impacts on environment and the public. Projects are evaluated and earn points across six categories towards LEED certification. Robertson buildings can help with points in several of these categories.

Steel consistently contributes to helping designers achieve points in LEED MR credits for recycled materials (up to 2 points) and often reuse (up to 2 points) – totaling 4 of the 14 points available for materials, as well as Heat Island Effect Reduction (1 point).

Green Building Solutions



Reduce

Robertson buildings allow faster construction for less site disturbance, resulting in reduced impact on the site and environment. By utilizing

designed-to-length components, factory-welded splices and bolted connections, field fabrication and welding are virtually eliminated, along with the associated space, time and scrap. Projects can often be erected in one-third the time of conventional structural systems.

High R-value insulated panel systems for roof and walls minimize thermal transfer and maximize energy efficiency. Adding insulated windows and doors for an extremely tight building envelope facilitates better HVAC performance resulting in operating energy savings as well as energy conservation.

Heat Island effect can be reduced using third-party rated cool roof colors and in net-heating environments, Galvalume[™] or dark panel colors can help retain heat during the cold months.

Re-use

When a steel building is expanded, the components can often be dismantled and used in the expansion, diverting what would otherwise be construction material headed for a landfill.

Recycle

Steel is the world's most recycled material. Every Robertson steel building contains approximately 30 – 70% recycled material. Recycled steel replaces part of virgin steel production, saving iron ore and other materials, energy and greenhouse gas emissions.



Authorized Robertson Builders



Builder companies are an integral part of the Robertson team. We strive to make it easy for our Builders to work with us because we know you will look to your Builder as your single-source solution provider. Robertson offers cost predictability to eliminate surprises along the way.

Robertson has carefully selected independent construction experts to be Authorized Robertson Builders. They are chosen for their excellent industry reputation as well as their ability to provide professional design and construction services.

- Your Authorized Robertson Builder will be happy to work with you right from project conception to completion, to provide the building that's exactly right for your needs, your time-line and your budget.
- Your Authorized Robertson Builder can offer single-source solutions for your building needs and deliver a complete turn-key project.
- Your Authorized Robertson Builder is committed to delivering a great building experience every time so that your expectations will be met or exceeded.

At the end of the project, we want you to have a building you'll be proud to say is yours. We want you to be so pleased that you'll recommend your Robertson Builder to your friends, family and business associates.

To find an Authorized Robertson Builder near you, visit **RobertsonBuildings.com** or call **1-800-387-5335**



Free Planning Guides

What <u>type</u> and <u>size</u> of building does our company need to accommodate our future plans for growth?



What type and size of building does our company need to accommodate our plans for future growth?

Whether you're planning to build now or just thinking about it, information in this booklet will help you in three important ways:

- 1. To evaluate your current space;
- 2. To think about what you'd like to have right away to operate more effectively;
- 3. To think about what you'll need in another five years.

This thought-provoking 14-Step planning guide helps you look at each department in your company (even storage areas) and consider what it would be like if more efficient space could be added or modified. The booklet also acquaints you with the advantages of engineered building systems construction.



Why Robertson? Insight into an Uncommon Company

When you choose a contractor, you also choose the contractor's key suppliers. With over 150 years of providing steel product solutions, Robertson's longevity is attributed to our ability to adapt to an evolving construction market by providing quality products, a high standard of service and most importantly, strong relationships with our customers. The combination of new technology and our drive to create enables us to design structures that you wouldn't expect to be a steel building system.

What you learn from this booklet could help you avoid costly and time-consuming pitfalls before construction begins, during construction, and after your building has been built.

How to Select the Right Contractor to Construct Your Building

Robertson



How to Select the Right Contractor to Construct Your Building

There are three important advantages your nearby authorized Robertson Builder has over other contractors in your area:

1. The buildings Robertson Builders construct are precisely engineered and manufactured as a complete building system in a controlled environment for quality – not at the construction site.

2. When engineered building components are delivered directly to your construction site, they go together faster and more efficiently, exactly as they've been planned.

3. Customers are very pleased with the outcome because their buildings are completed on time and on budget. Occupancy can take place sooner and the advantages of a new building enjoyed faster than with traditional construction.

All planning guides are available for download at **RobertsonBuildings.com/resources/planning-guides**

To request the Robertson planning guides, email info@RobertsonBuildings.com or call 1-800-387-5335



Robertson L.

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