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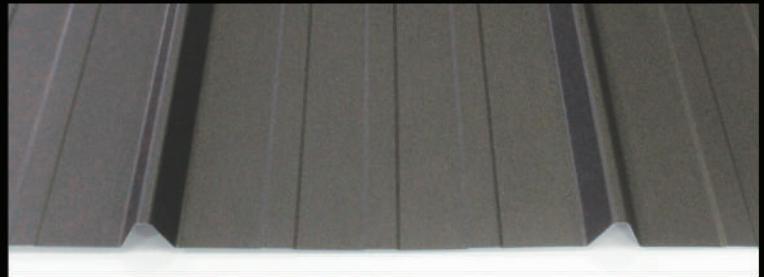
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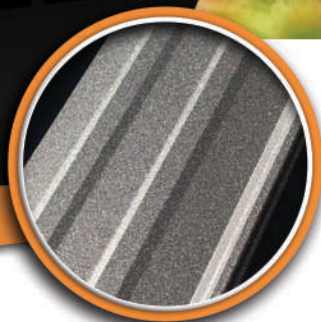


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Dark Brown

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## Mission Statement

.....We will be **DIFFERENT** than others, more **HELPFUL** than the rest.....

Inspired people on a mission to manufacture and distribute top-quality metal roofing & siding products, while providing expert advice.

## Contact Sheet

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vnorders@metalexperts.ca

## Conditions of Sale

- A. (1) GST: Goods and Services Tax: not included in list pricing, shown as a separate item on invoice.  
(2) PST: Provincial Sales Tax (where applicable)

- B. TERMS: All charged invoices must be paid by the 15<sup>th</sup> of the month following.

- C. ORDERING: Completing and fulfilling orders by METAL EXPERTS<sup>®</sup> is contingent upon the availability of materials.

Customer Purchase Orders:

Faxed or Emailed customer purchase orders are required to help in confirming the exact items and quantities required. An order confirmation will be issued and should be reviewed by the customer. Any discrepancies should be reported immediately to be corrected prior to production.

- D. PRICING: Prices are subject to change without notice. (Orders will be invoiced at and are subject to payment at quoted prices and exact quantities shipped.) Errors will be re-billed at the correct published price and quantity shipped. Quotations are valid for a period of 30 days after the date printed on the quote unless noted otherwise. Prices, however, are subject to change without further notice after the expiry date on the seller's quote. Existing orders at time of any increase are protected. The seller reserves the right not to accept an order. All prices are F.O.B. manufacturer's plant unless otherwise negotiated and indicated in a written agreement.
- E. FREIGHT/DEFECT CLAIMS: The Buyer will inspect the goods immediately upon arrival and make note of any deviation in product and quantity from the accepted order or any damage with the carrier. Claims for shortages or damages must be filed within 48 hours of delivery date. Any claims filed after 48 hours may be disallowed. Since METAL EXPERTS<sup>®</sup> packages its product as described under "Packaging & Delivery" any claims for water marking, staining and "white rusting" of material will not be honoured. Any liability shall be limited to replacement or repair of such defect and shall not in any case exceed the invoice value of the material.
- F. RETURN of GOODS: Only non-manufactured stocked items (i.e. screws, hardware, closures and tools) may be returned if they are deemed in re-saleable condition. A re-stocking charge of twenty-five percent (25%) maybe applicable and is at the discretion of METAL EXPERTS<sup>®</sup> on all returned merchandise. Prior to material being returned a written RGA (Return of Goods Authorization) must be obtained from METAL EXPERTS<sup>®</sup> and submitted within 30 days of the invoice date. **There is no return on any special order material.**

## Conditions of Sale continued

- G. SHIPMENT and DELIVERY DATE: Any shipment or delivery date specified in this Agreement is an estimate only. No warranty of a shipment or delivery date is made herein unless in writing and specifically agreed to by the Seller. In no event shall the Seller be liable for damages or expenses resulting from any such delay in shipment or delivery of goods.
- H. TITLE: The risk in goods supplied by METAL EXPERTS<sup>®</sup> to the purchaser shall pass when goods are delivered to the purchaser. The title and ownership of goods herein shall remain with the Seller until final payment has been made in full. If payment is made by certified cheque or money order/bank draft, title and ownership shall not pass until such cheque, money order/bank draft has been accepted and the Seller has been fully paid in legal tender.
- I. POLICY: METAL EXPERTS<sup>®</sup> assumes no responsibility for materials after they are delivered to the customer. METAL EXPERTS<sup>®</sup> is not responsible for goods that are unprotected and stored incorrectly by the customer that result in damage or white rust to the panel.
- J. OPENING AN ACCOUNT: METAL EXPERTS<sup>®</sup> is pleased to offer charge accounts to customers that qualify (OAC). Customers must fully complete a METAL EXPERTS<sup>®</sup> credit application and allow approximately 5 business days for a credit decision. No order will be released on credit without an approved application. METAL EXPERTS<sup>®</sup> reserves the right to suspend credit, reduce credit limit amount or require cash payment at any time.
- K. FREIGHT: All prices are F.O.B. METAL EXPERTS<sup>®</sup> plant unless otherwise negotiated and indicated in a written agreement.
- L. CONTRACT: The quotation together with these Conditions of Sale shall form the terms of the "Contract".
- M. FORCE MAJEURE: Neither seller or buyer shall be responsible to the other for any delay or default in performing its obligations hereunder if caused by fire, strike, riot, act of war, act of God, delay of carriers, governmental order or regulation, complete or partial shutdown of its plant, inability to obtain sufficient raw materials or product, or the sickness, death, significant injury, disease of a person integral to the performance of this agreement. In the event of a Force Majeure, either the buyer or seller shall have the rights to cancel this agreement.

## Glossary

**Caulk:** To fill a joint with mastic, butyl or equivalent cements to prevent leaks.

**Chalk Line:** Used for alignment purpose this is a line made on the roof snapping a taut string or cord dusted with chalk.

**Closure:** Foam or Acrylic closure strip or roll to close the gap between the profile of the roofing panel(s) and deck or trims to prevent weather, debris and insects/animals from entry to the building.

**Cricket:** A peaked saddle constructed at the back of a chimney to prevent the accumulation of snow and ice and to deflect water around the chimney.

**Deck:** Also known as decking. The surface installed over the supporting framing members of a building. It is the structural skin over a roof to which roofing is applied. Most new homes have “decking” made of plywood. There are two main types of decking commonly used:

- Plywood is strong, durable and light. Use only exterior grade plywood for decking. The thickness of the plywood depends on the spacing of the rafters. The most common thickness used is 1/2”.
- Oriented Strand Board (OSB) is more economical than plywood but not as strong as plywood and does not hold screws as well as plywood. One side has a slip resistant coating and should be placed facing up.

**Dormer:** A framed window unit projecting through the sloping plane of the roof.

**Drip Edge:** A flashing used along the eaves and rakes to allow water run-off to drip clear of underlying construction.

**Eaves:** The horizontal lower edge of a sloped roof. Trim that goes on these areas may be referred to as “eave trim” – “eave flashing” – or sometimes “drip edge”.

**End-Lap:** Where one panel or flashing ends and the other begins, or the distance in which the panel or flashing overlap one another to avoid moisture seeping through to the decking.

**Felt:** A flexible sheet that is saturated with asphalt and used as a protective underlayment - often referred to as “the second line of defence”.

**Field Cut:** Manually cutting with snips, shears or a blade, metal panels or trims to properly fit and install where the length or angles need to be altered. Field cuts are always required on the panels in the roof hips, valley's and gable end treatments.

## Glossary continued

**Flashing:** Pieces of special trim used to prevent seepage of water into a building around any intersection or projection in a roof such as vent pipes, chimneys, adjoining walls, dormers, valleys, etc.

- Plumbing vent flashing (see Roof Boots): Plumbing vent flashing prevents rainwater from running into holes cut for pipes in the roof. This flashing is sold according to the size of the vent pipe and the roof slope.
- Step Flashing: Flashing application method used where a vertical surface meets a sloping roof plane.
- Valley Flashing: This flashing is used in open valleys of the roof. Most often leaks are found in the valley flashings due to flashing that is nailed too tightly to the decking or panels that are not trimmed properly.

**Gable:** The upper portion of a sidewall that comes to a triangular point at the ridge of a sloping roof. Trim that goes on this part of a roof is called “gable or rake trim”.

**Gable Roof:** A type of roof containing sloping planes on each side of the ridge. Contains a gable at each end.

**Gambrel Roof:** A type of roof containing two sloping planes of different pitch on each side of the ridge. The lower plane has a steeper slope than the upper. Contains a gable at each end.

**Hip:** The inclined external angle formed by the intersection of two sloping roof planes. Runs from the ridge to the eaves.

**Hip Roof:** A type of roof containing sloping planes of the same pitch on each of four sides. This type of roof does not contain a gable.

**Ice Dam:** Ice dams occur when snow near the eaves of warm roofs (roofs without adequate ventilation) melts and runs down the roof to the overhang cools and freezes. If the snow continues this melt and freeze process an ice dam can form that can seep under the roofing material, through the decking and into the house. This, of course, can cause serious roof leaks – even in freezing temperatures.

The best prevention of ice dams is a well ventilated (cool) roof. For additional protection, it is recommended that you install a layer of impermeable ice and water membrane (Ice & Water Shield) between the deck surface and metal roofing. The membrane is installed on top of the decking under the roofing material. Temporary prevention of ice dams can also be done through the use of electric cables along the eaves of the roof (where the dams usually form). However, new ice dams can form above the cables and cause extensive damage.

**Intake Ventilation:** The part of the ventilation system used to draw fresh air in. Usually vents are installed in the soffit or along the eaves of the building.

**Lean-to Roof:** A roof with one slope only that is built against a higher wall.

## Glossary continued

**Low Slope Application:** Method of installing roofing material on roof slopes between 2" and 4" per 12".

**Major Rib:** Steel Panels that have a profile have major ribs and can have minor ribs. The Major rib is the section of panel that measures the highest from the flat of the profile.

**Mansard Roof:** A type of roof containing two sloping planes of different pitch on each of four sides. The lower plane has a much steeper pitch than the upper, often approaching vertical. This type of roof contains no gables.

**Membrane:** A flexible or semi-flexible material, which functions as the waterproofing component in a roofing or waterproofing assembly, and whose primary function is to prevent water seepage.

**Metal Drip Edge:** This refers to trim, usually gable and eave trim, that has a slight bend at the edge which facilitates water runoff, away from the building.

**Minor Rib:** Where a steel panel has major and minor ribs, the minor rib is the section of the panel that is raised higher than the flat of the panel but lower than the major rib.

**Oil-Canning:** Perceived waviness in the flat area of metal roofing and metal siding panels.

**Open Valley:** Method of roofing in which the roofing material on both sides of the valley is trimmed along a chalk line snapped on each side of the valley, leaving the valley flashing exposed. Metal roofing always has this feature.

**Overhang:** The portion of the roof structure that extends beyond the exterior walls of the building.

**Pitch:** Also known as "slope". Pitch is the measurement of how steep a roof is. For example, if a roof is a 4/12 pitch, the roof rise is 4" for every horizontal run of 12". The pitch of the roof is a big factor in determining the kinds of materials that can be used and the longevity of the roof. Usually, a steeper roof (higher pitch) will last longer due to its better drainage capabilities.

**Rafter:** The supporting framing member immediately beneath the deck, sloping from the ridge to the eave.

**Rake:** The inclined edge of a sloped roof over a wall from the eave to the ridge. These two slopes meet at the peak or ridge. Trim that goes on these slopes is referred to as "gable or rake trim".

**Ridge:** The uppermost, horizontal external angle formed by the intersection of the sloping roof planes. Trim that covers this area is called ridge cap.

**Rise:** The vertical distance from the eave line to the ridge.

**Roof Boot/Master Flash/Pipe Flashing:** Pre-formed flange (flashing) placed over a vent pipe to seal the roof around the vent pipe opening. Also called a pipe boot.

## Glossary continued

**Run:** The horizontal difference from the eaves to a point directly under the ridge. One half the span.

**Shed Roof:** A roof containing only one slope. Has no hips, ridges, valleys or gables.

**Slope:** The degree of roof incline expressed as a ratio of the rise, in inches, to a run of 12". See "pitch".

**Slope Application:** Divided into three categories - steep slope, normal slope, low slope - this is the application of roofing materials to a roof based upon its slope or pitch.

- Steep Slope- Method of installing roofing material on roof slopes greater than 8" per 12".
- Normal Slope – Method of installing roofing material on roof slopes between 4" and 8" per 12".
- Low Slope – Method of installing roofing materials on roof slopes between 2" and <4" inches per 12".

**Soffit:** The finished underside of the eave.

**Span:** The horizontal distance from eave to eave.

**Square:** A unit of roof measurement covering 100 square feet.

**Strapping:** Also known as purlins or battens can be 1" x 4" or 2" x 4" wood strips nailed to the roof deck or rafters across the horizontal face, upon which the roofing is attached. The new roof being elevated slightly, the strapping contributes to the roof having airflow which can help disperse temperatures in the heat of the day. Installing strapping over an old roof also gives the ability to do some leveling by using shims between the strapping and the irregularities of the old roof surface. Strapping is, in some cases, attached to the roof decking to give a secure base to anchor the roofing materials because many OSBs (chip board sheets appearing much like plywood) will not hold a screw properly.

**Synthetic Underlayment:** This is made from a woven black polypropylene with polymer. It is UV resistant, self sealing where nails have penetrated it for attachment purposes and is slip resistant. Synthetic underlayment is vastly superior to felt and is recommended under metal roofs.

**Telegraphing:** A distortion that may arise when a new roof is applied over an uneven surface.

**Underlayment:** This can be felt (see felt) or synthetic underlayment (see synthetic underlayment).

**Valley:** The internal angle formed by the intersection of two sloping roof planes to provide water runoff. Trim that goes in this area is valley trim.

**Vent:** Any outlet for air that protrudes through the roof deck such as pipe or stack. Any device installed on the roof, gable or soffit for the purpose of ventilating the underside of the roof deck.

**White Rust/Oxidation:** White rust on bare galvanized metal is the result of zinc oxidation in the absence of oxygen. This occurs in coil or bundles of sheet metal that are nested and absorb moisture from humidity in the air or direct rainfall. The oxidation appears as a white chalky build-up on the surface of the metal. This can be stopped by applying a vinegar solution or light oil, such as WD-40.

## Frequently Asked Questions

**Q: Does metal attract lightning?**

**A:** Lightning is attracted to the highest point, not necessarily metal. A metal roof has no greater chance of being hit by lightning than any other type of roof. However, if your roof is struck by lightning a metal roof can help prevent your house from catching fire as it can dissipate the electrical charge. As well remember it is non-combustible.

**Q: Is metal roofing noisier?**

**A:** This is probably one of the biggest misconceptions about metal roofing. On a residence, metal roofing is often installed over a solid substrate. In addition, attic space and insulation serve as an additional sound barrier. Metal is not any noisier than other “traditional” roofing materials.

**Q: Does a metal roof cost more than a typical roof?**

**A:** Metal roofing is a premium roof product which means that the initial cost will probably be higher but you can expect it to last 2-3 time longer than an asphalt, concrete tile, fibre cement or shake roof systems. The average lifespan of an asphalt roof is 12-20 years; wood shingle and shake roofs often need replacing before 20 years. Concrete tile roofs can crack and warp in the freeze and thaw cycle in northern climates. Generally speaking, a metal roof can last 40-60 years, possibly beyond, retaining its good looks decade after decade. Your new metal roof should add resale value, save you money on your energy bills, and give you peace of mind that you’ll probably never have to reroof again.

**Q: How heavy is metal roofing?**

**A:** Metal roof systems are on average 50% lighter than asphalt roof systems and 75% lighter than concrete tile, fibre cement shakes and slate. The weight of a metal roof is generally determined by its gauge and profile. METAL EXPERTS’<sup>®</sup> 29 gauge, hi-tensile, pre-painted TR-936<sup>®</sup>, PR-936<sup>®</sup> and LR-936<sup>®</sup> are approximately 1.95 lbs. per linear foot.

**Q: How far can I span with metal roofing?**

**A:** The span capabilities are based on many issues such as the width of the material, gauge, profile, and snow load. You should refer to the published load tables for your particular panel type to ensure it meets the actual performance requirements.

**Q: How well does metal roofing stand up under extreme weather?**

**A:** High winds, heavy snow, wildfires and hailstorms are only a few of weather abuses metal roofs can withstand. The wind resistance and uplift resistance of metal roofing exceeds most common building codes. This allows those recommending this product for high wind areas to do so with a high level of confidence. Many metal roofing materials carry a class 4 rating which is the highest rating for resistance to hail.

**Q: What snow guard systems are recommended?**

**A:** Snow guard systems are often integrated into the metal roof system, some as simple as an additional piece of trim. They have become more and more an issue of safety as they prevent snow from sliding off the roof onto traffic areas. Panel style and aesthetics are some other factors used in determining the choice of snow guard system.

## Frequently Asked Questions continued

**Q: What is the minimum roof slope for metal roofing?**

**A:** Our metal panel systems can be applied to pitches of 2/12 or greater depending on roof geometry, substrate and physical location of the project. Special installation instructions apply for roofs 2/12 to < 4/12.

**Q: Can you walk on a metal roof?**

**A:** Most metal systems, when installed properly, can support the load of an individual walking on them. Care must be taken to avoid any damage including abrasion or collapsing of the raised portion of the panels. The appropriate OHS approved safety procedures should always be followed.

**Q: Can insulation be applied under the metal panels?**

**A:** Yes, foil faced radiant barrier insulation is the most recommended type. Using this inexpensive insulation product will save you additional utility costs by making your roof energy efficient.

**Q: Is metal roofing environmentally friendly?**

**A:** Metal roofing is not only great for your building but it's great for the environment as well. The re-cycled content of the steel in a metal roof is about 56% from production to installation reuse – far superior to asphalt. Billions of pounds of asphalt are dumped into landfills every year. Metal roofing can often be installed over an existing asphalt roof saving the cost of tear off and haul away but more importantly stopping the asphalt from showing up in one of those landfills. If you are installing a metal roof over an existing asphalt roof, strapping should be applied on top of the asphalt shingles. This will ensure your metal roof is installed on a solid, level surface and reduce abrasions.

**Q: Are special tools required for metal roof installation?**

**A:** Metal roofing can be easily installed with standard hand tools such as a drill, hammer, metal snips, caulk gun, pliers, chalk line and tape measure. Cutting panels is best done with an electric shear attachment for your drill. Panels may be cut as well using a circular saw with a proper metal cutting blade.

**Q: Do you provide technical assistance and advice?**

**A:** Our trained customer service staff will be more than happy to help you. Simply call our 1-888-2-METAL-4 (1-888-263-8254) customer service line.

**Q: Do you install?**

**A:** No. We are a manufacturer that sells through a network of manufacturer distributors. We would be happy to provide you with the name and number of the distributor(s) closest to you. Just check out our website [www.metalexerts.ca](http://www.metalexerts.ca) or call our 1-888-2-METAL-4 (1-888-263-8254) service lines.

**Q: Can Metal Roofing be installed over another roof?**

**A:** In many cases yes, a metal roof can be installed over an existing asphalt roof. This is possible if the existing asphalt shingles are laying flat and strapping has been installed to provide a flat and level surface.



## 40 Year Limited Pre-Painted Colour Warranty

METAL Roofing & Siding EXPERTS Inc., (hereinafter “METAL EXPERTS<sup>®</sup>”) warrants the product finish when purchased by a customer (hereinafter the “Purchaser”) that their roofing, sidewall and trim panels will retain its film integrity, colour and chalk, as in the Warranty providing the metal has been stored, transported and installed in adherence to the Conditions and Limitations portion of this limited Warranty. This limited Warranty shall extend from the date of purchase.

### ( WARRANTY TABLE )

Limited Warranty – Pre-Painted Colours

Types of Installation	Film Integrity	Colour Change	Chalking
Sidewall Panels (ASTM D2244 & D4214)	40 Years	30 Years 5 $\Delta E$ Max	30 Years – 8 Min
Roofing Panels (ASTM D2244 & D4214)	40 Years	30 Years 8 $\Delta E$ Max	30 Years – 6 Min

#### Definitions:

1. Film Integrity shall be defined as the absence of peeling, checking, chipping or cracking, except for such crazing or slight cracking as may occur on tightly roll-formed edges or brake bends at the time of forming pre-painted sheet.
2. Colour Change shall be defined as freedom from fade or change as warranted in  $\Delta E$  units calculated in accordance with ASTM D2244-02. Colour Change is measured on an exposed painted surface that has been cleaned of surface soils and chalk and then compared to corresponding values measured on the original or unexposed coated surface.
3. Chalking shall be defined as a numerical rating as warranted when measured in accordance with the standard procedures specified in ASTM D4214-98 method A D659 number 7.

#### Conditions and Limitations:

1. This anti-weathering limited Warranty does not apply to other causes of degradation on pre-painted metal which has been abraded or scratched or has been damaged by abrasive or chemical cleaners; abrasive damage caused by asphalt shingles; has been modified, altered, used in a manner not originally intended or stored improperly or contrary to good industry practice; has been damaged due to moisture entrapment in bundles during transit or storage; has been stored or installed in a way which allows standing water (possibly acid rain) on the coating; has been exposed to harmful or corrosive chemicals whether or not they are liquid, solid or gas; has been stored or installed in such a way that allows for contact with animals and/or animal waste or decomposition products; has been exposed to salt water containing spray and/or salt containing atmosphere; has had prolonged contact with any surface contaminants including, but not limited to, leaves, pine needles, and/or other organic matter; has had internal contamination created by improper ventilation or improper housekeeping. This limited Warranty does not apply to areas that are sheltered from rainfall, unless such areas are properly maintained, which proper maintenance includes doing a fresh water rinse at least twice a year.
2. This limited Warranty does not apply in the event of deterioration to the product caused directly or indirectly by contact with fasteners. Fasteners must be purchased from METAL EXPERTS<sup>®</sup> or claims involving issues around the fasteners and their contact area with the pre-painted metal will not be considered.
3. Product that is improperly installed or maintained is not covered by this limited Warranty. The product must not be cleaned with abrasives or chemical cleaners.

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# 40 Year Limited Pre-Painted Colour Warranty

4. This limited Warranty does not cover damage or failure of pre-painted metal in cases where damage or failure is attributable to acts of God, falling objects, external forces, explosions, fire, riots, civil commotion, an act of war, excessive radiation or other such similar occurrences beyond METAL EXPERTS<sup>®</sup> control. This Warranty does not cover damage to the product's finish caused by handling, shipping, transit, processing, storage or installation.
5. The Purchaser shall inspect material when it is received from METAL EXPERTS<sup>®</sup> prior to installation so as to mitigate expense involved in repairing or replacing defective sheets. The Purchaser accepts responsibility upon receipt of the materials in the conditions described in paragraph 4 of Conditions and Limitations on Warranty.
6. Non-uniform colour changes that result from unequal exposure of roofing, sidewall or trim panels to sunlight and/or the elements are not covered by this Warranty unless such colour change meets the definition of Colour Change above.
7. Claims under this limited Warranty must be sent by Purchaser to METAL EXPERTS<sup>®</sup> and must be received by METAL EXPERTS<sup>®</sup> within thirty (30) days after discovery of the conditions giving rise to the claim.
8. In the event of a claim under this limited Warranty, Purchaser must supply documentation of purchase date, purchase invoice number and purchase location. In addition, Purchaser shall demonstrate to the reasonable satisfaction of METAL EXPERTS<sup>®</sup> that the failure of the product was due to a breach of the limited Warranty stated herein. In no event shall a Warranty claim be considered if the product has not been paid for in full.
9. The Purchaser's sole and exclusive remedy and METAL EXPERTS<sup>®</sup>' liability under this limited Warranty will be limited, at METAL EXPERTS<sup>®</sup>' option, to replace the defective METAL EXPERTS<sup>®</sup> pre-painted metal product or refund the Purchaser the price paid for the METAL EXPERTS<sup>®</sup> pre-painted metal. In no event shall METAL EXPERTS<sup>®</sup> be liable for any incidental, special, punitive or consequential damages. Except as provided herein, METAL EXPERTS<sup>®</sup> shall not be liable for any losses, damage or expense, whether direct, incidental or consequential, caused by or resulting from the use of defective or nonconforming product. In no event will the original applicable Warranty period set forth in the Warranty be extended by a Warranty claim.
10. In the event of any subsequent failure of any replaced pre-painted metal, Purchaser shall make any claims against the supplier of those replacement materials.
11. This limited Warranty does not cover damages or conditions resulting from circumstances beyond METAL EXPERTS<sup>®</sup>' control, including, without limitation, the following:
  - a. Failure to remove filings left by pre-drilling, cutting or screw installation leading to premature coating depletion and paint peeling.
  - b. Significant differences in insulation below the product.
  - c. Failures or damage resulting from edge corrosion.
  - d. Prolonged contact with vegetation, dirt, gravel, cement and/or concrete.
  - e. Where the product is in contact with, or subject to runoff from, lead, copper, graphite, pressure treated, green or wet lumber or wet insulation.
  - f. Damages or conditions at the point(s) where materials or items such as snow guards and solar panels are attached or adhered to the product.
  - g. Oil-canning: It is an inherent characteristic of all cold-rolled flat metal and is not a cause for rejection, nor does it affect the performance of the steel.
12. This limited Warranty is extended to the Purchaser only and shall not inure to the benefit of any other party. This limited Warranty is non-transferable and non-assignable by the Purchaser and the Purchaser shall not permit their agents, representatives, customers, distributors, applicators or a contractor to claim, represent or imply that this limited Warranty extends to or is available to anyone other than the Purchaser.
13. Except as set forth herein, METAL EXPERTS<sup>®</sup> makes no other warranties with respect to the product, expressed or implied, including any implied Warranty of merchantability of fitness for a particular purpose.
14. In no case will METAL EXPERTS<sup>®</sup> be liable to any person or entity for property damage or personal injury in tort (including negligence and strict liability), contract, Warranty or otherwise for direct, indirect, special, incidental, punitive, consequential or other damages or losses, including but not limited to damage for loss of business profits, business interruption, loss to the building or its contents or any other loss, regardless of the cause of such damage and whether or not caused by or resulting from negligence of METAL EXPERTS<sup>®</sup> even if METAL EXPERTS<sup>®</sup> has been advised of the possibility of such damage or losses. METAL EXPERTS<sup>®</sup>' total liability for all claims of any kind will not exceed the purchase price paid to METAL EXPERTS<sup>®</sup> for the product in question.
15. No representative, dealer, reseller, employee, installer or any other person is authorized to make, modify or change this limited Warranty or make any other Warranty, representation or promise on behalf of METAL EXPERTS<sup>®</sup> with respect to the product. No term or condition other than those stated in this limited Warranty and no agreement or understanding, whether oral or written, in any way purporting to modify or change this limited Warranty will be binding on METAL EXPERTS<sup>®</sup>, unless made in writing and signed by the President of METAL EXPERTS<sup>®</sup>. METAL EXPERTS<sup>®</sup> retains the right to change this Warranty without notice.

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**Business Information:**

Legal Name of Business: \_\_\_\_\_

Trade Name (if different): \_\_\_\_\_

Street Address: \_\_\_\_\_ Address \_\_\_\_\_ City \_\_\_\_\_ Province \_\_\_\_\_ Postal Code \_\_\_\_\_

Mailing Address: \_\_\_\_\_ Address \_\_\_\_\_ City \_\_\_\_\_ Province \_\_\_\_\_ Postal Code \_\_\_\_\_

Telephone: \_\_\_\_\_ Cellular: \_\_\_\_\_

Fax Number: \_\_\_\_\_ Email: \_\_\_\_\_

Nature of Business: \_\_\_\_\_ Number of Years in Business: \_\_\_\_\_

Type of Business (choose one): Sole Proprietorship ☐ Partnership ☐ Corporation ☐

If this business is a corporation, provide your incorporation number: \_\_\_\_\_

If applicable please provide your PST/RST number: \_\_\_\_\_

**Officers or Principals:**

Name: _____	Title: _____	Phone: _____
Name: _____	Title: _____	Phone: _____
Name: _____	Title: _____	Phone: _____

**Banking Information:**

Bank Name: \_\_\_\_\_ Account Number: \_\_\_\_\_

Branch Location: \_\_\_\_\_ City \_\_\_\_\_ Province \_\_\_\_\_

Contact Person: \_\_\_\_\_ Title/Position: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Email: \_\_\_\_\_

We require credit information on all potential customers. Please make your Bank aware that our Bank of Montreal in Red Deer will be sending them a credit reference letter. We are unable to approve your application without this information from your bank.

**Trade References:**

Name: _____	Phone: _____	Email: _____
Name: _____	Phone: _____	Email: _____
Name: _____	Phone: _____	Email: _____

**Account Information:**

Credit Limit Requested: \$ \_\_\_\_\_

Are Purchase Orders Required: Yes ☐ No ☐

### Personal Information (To be completed by owner or authorized signing authority):

Last Name:		First Name:		Initial:	
City:		Province:		Postal Code:	
Telephone:		Cellular:			
Date of Birth:		Social Insurance # (optional):			
Bank Name:		Account #:			
Branch Address:		Address	City	Province	Postal Code
Contact Person:		Title/Position:			
Phone Number:		Email:			
Credit Card Number:		Expiry:			

### Invoice & Statements:

Accounts Payable Contact:
Email Address:

### Order Acknowledgements:

Purchasing Contact:
Email Address:

### Terms & Conditions:

In consideration of METAL Roofing & Siding EXPERTS Inc., & Affiliates granting credit to the applicant and co-obligator (if applicable) for the purchase of goods, products, or services, the applicant and co-obligator agree to the following terms and conditions governing all indebtedness that they may incur from time to time with METAL Roofing & Siding EXPERTS Inc., & Affiliates.

- 1) I/We are applying for a credit account, and certify that the information given is true and agree as follows:
    - a) To pay the full balance owing by the 15th of each month following purchases.
    - b) A finance charge will be added to your account at a rate of 2% per month (26.8% per annum) or 50 cents (whichever is greater) if the account is not paid in full by the 15th of the month following.
    - c) The supply of goods on credit may be discontinued if the authorized credit limit is reached or the account becomes past due.
  - 2) I/We authorize METAL Roofing & Siding EXPERTS Inc., & Affiliates to charge all past due/delinquent amounts to the credit card listed above.
  - 3) I/We authorize METAL Roofing & Siding EXPERTS Inc., & Affiliates to increase the credit limit on our account at any time they deem necessary.
  - 4) I/We agree to be responsible for all solicitor and client costs and all other expenses incurred by METAL Roofing & Siding EXPERTS Inc., & Affiliates in connection with the collection of this account.
  - 5) I/We hereby agree that where there is more than one party to this Agreement, they shall be jointly and severally liable in the event of default on these terms and conditions.
  - 6) METAL Roofing & Siding EXPERTS Inc., & Affiliates retain, the right to increase and/or decrease the approved credit amount at our sole discretion. Such revised credit limit to become part of this completed and approved credit application.
  - 7) I/We authorize METAL Roofing & Siding EXPERTS Inc., & Affiliates to obtain credit information on the business and people listed on this form from Suppliers, Bank References and Credit Reporting Agencies and the information provided in support of this application is true and complete in all respects.
  - 8) A facsimile copy of this Agreement is sufficient for the purposes of liability of all signatories to this Agreement.
- METAL Roofing & Siding EXPERTS Inc., and Affiliates is required to comply with Federal legislation effective January 1, 2004, governing the use, collection and disclosure of personal information. The personal information we may ask for, and/or the personal information that we currently have, would depend upon the nature of the services we provide to you in the normal course of operating our business.

### SIGNATURE IS REQUIRED TO PROCESS CREDIT APPLICATION

Signing Authority Name:	
Signing Authority Signature:	Date:

[www.metalexperts.ca](http://www.metalexperts.ca)

CORPORATE OFFICE: PHONE 1-888-2-METAL-4 | FAX 780-464-5572 | [www.metalexperts.ca](http://www.metalexperts.ca)

Please Remit Payment to METAL EXPERTS® Corporate Office: 115-3001 Buckingham Drive, Sherwood Park, AB, T8H 0X5

**AUTHORIZED PURCHASERS LIST**

\* Please complete if there are more than 1 person authorized to charge.

For your protection and ours, ALL CHARGE ACCOUNTS must use a purchase order system, or you must provide a list of authorized individuals. It is the responsibility of the account holder to ensure that this list be kept current. METAL ROOFING AND SIDING EXPERTS Inc.® will not be held responsible for any charges incurred by an individual who is on file as being authorized.

Date: \_\_\_\_\_

Account Name: \_\_\_\_\_

I, \_\_\_\_\_, as owner of the above account, hereby authorize the following individual(s) to charge on my account.

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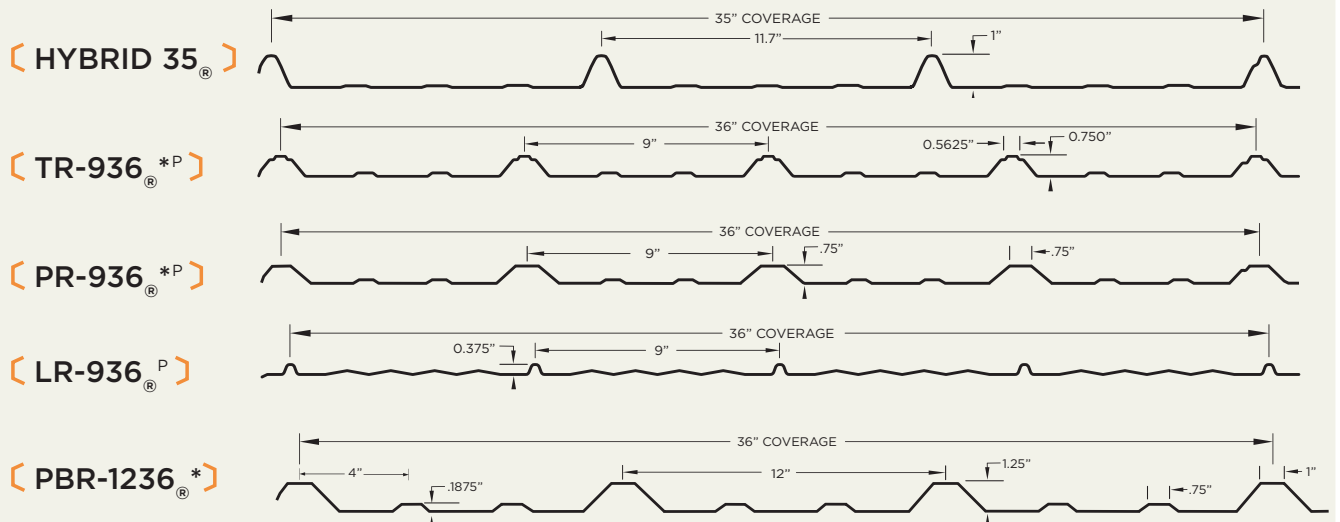
Printed name of Owner or Authorized Signing Authority: \_\_\_\_\_

Title of Owner or Authorized Signing Authority: \_\_\_\_\_

Signature of Owner or authorized Signing Authority: \_\_\_\_\_

Date: \_\_\_\_\_

## Product Photos - Exposed Fastener Panels



\* Shadow Wall (reverse) profile available  
P Perforated liner panel material available

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

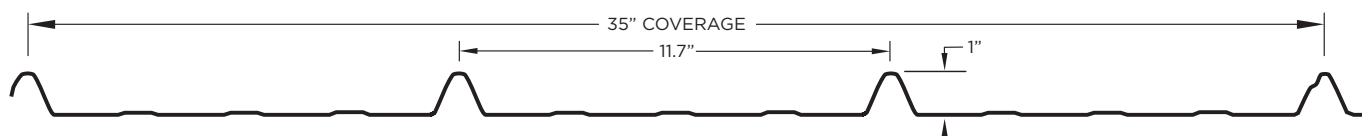
Sect. 2 - Pg. 1

## HYBRID 35<sup>®</sup> Panel


 Scan QR Code to Open  
 Installation Instructions

- Hybrid 35<sup>®</sup> is a modern metal roofing & siding panel that will enhance the aesthetics of your project with the look of a hidden fastener panel without the cost.
- With a 1 inch high major rib, it provides excellent drainage & installs quickly like other exposed fastener panels reducing installation costs.
- Hybrid 35<sup>®</sup> is an impressive profile, making it an exceptional addition to any residential, commercial or agricultural project.

### HYBRID 35<sup>®</sup> (Roof & Wall Application)



#### PRODUCT DETAILS

- 1" ribs on 11.7" centres
- 35" coverage
- Minimum roof slope 2:12
- Call for 24 gauge availability

#### Available Colours - 29 Gauge

Black	Coffee Brown	Heron Blue	Pebble Beach	Tan
Bone White	Dark Red	Iron Ore	Regent Grey	Tile Red
Bright Red	Deepwater Green	Ivory	Royal Blue	White White
Bright White	Driftwood	Linen	Sable	Wicker
Buckskin	Espresso	Madison Brown	Slate Blue	
Burgundy	Galvalume	Melcher's Green	Sophia Spice	
Canouan	Graphite	Olivia Green	Stone Grey	
Charcoal				

#### Available Colours - 26 Gauge

Black	Coffee Brown	Heron Blue	Royal Blue	Tile Red
Bone White	Dark Red	Iron Ore	Slate Blue	White White
Bright Red	Deepwater Green	Linen	Stone Grey	Wicker
Bright White	Galvalume	Melcher's Green	Tan	
Charcoal	Graphite	Regent Grey		

#### Available Colours - Premium

Black Onyx (T) (24, 26 & 29 Gauge)	Burnished Slate (T) (24, 26 & 29 Gauge)	Carbon (T) (24, 26 & 29 Gauge)	Dark Brown (T) (29 Gauge)	Copper Penny (29 Gauge)
Dark Graphite (T) (29 Gauge)	Iron Ore (T) (29 Gauge)	Kona Brown (T) (24 & 26 Gauge)	(T) Textured	

## HYBRID 35<sup>®</sup> Panel Grade 80 (applies to roof application only)

Gross/Effective Properties: Per Foot Width - In accordance with AISI S100 - Limit States Design

Gauge	Thickness (in)	$F_y$ (ksi)	$F_u$ (ksi)	Area (in <sup>2</sup> /ft)	Weight (psf)	$I_x$ (in <sup>4</sup> /ft)	$S_x$ (in <sup>3</sup> /ft)	Effective Section Properties					
								Negative Bending			Positive Bending		
								$I_{xe}$ (in <sup>4</sup> /ft)	$S_{xe}$ (in <sup>3</sup> /ft)	$M_{nxo}$ (k-in/ft)	$I_{xe}$ (in <sup>4</sup> /ft)	$S_{xe}$ (in <sup>3</sup> /ft)	$M_{nxo}$ (k-in/ft)
<b>29</b>	0.01406	60	61.5	0.1866	0.595	0.014	0.016	0.011	0.013	0.573	0.012	0.013	0.601

Web Crippling Capacities: Per Foot Width - In accordance with AISI S100 - Limit States Design

Thickness	Support Condition	Support	Minimum Bearing Length (in.)	$P_n$ (in <sup>4</sup> /ft)	$\phi_w$ (LSD)
<b>29</b> (0.0140625 in)	Fastened	End	2	196	0.80
		Interior	2	361	0.75
	Not Fastened	End	2	158	0.50
		Interior	2	361	0.75

Load Tables - Hybrid 35<sup>®</sup> 29 Ga Allowable Uniform Load-Span Table

Thickness	Load Type	Unfactored LSD Uniform Loads (PSF) For Support Spacing <sup>2</sup>						
		1'	1' - 6"	2'	2' - 6"	3'	3' - 6"	4'
<b>1</b>	Negative (Wind) <sup>1</sup>	275	123	70	45	32	24	19
	L/120	269	121	69	45	32	24	19
	L/180	269	121	69	45	32	24	19
	L/240	269	121	69	45	32	20	13
<b>2</b>	Negative (Wind) <sup>1</sup>	288	129	73	47	34	25	20
	L/120	257	115	66	43	30	23	18
	L/180	257	115	66	43	30	23	18
	L/240	257	115	91	43	30	23	18
<b>3</b>	Negative (Wind) <sup>1</sup>	359	161	91	59	41	31	24
	L/120	320	143	81	53	37	28	22
	L/180	320	143	81	53	37	28	22
	L/240	320	143	81	53	37	28	22

# HYBRID 35<sup>®</sup> Panel Grade 33 (applies to roof application only)

Gross/Effective Properties: Per Foot Width - In accordance with AISI S100 - Limit States Design

Gauge	Thickness (in)	F <sub>y</sub> (ksi)	F <sub>u</sub> (ksi)	Area (in <sup>2</sup> /ft)	Weight (psf)	I <sub>x</sub> (in <sup>4</sup> /ft)	S <sub>x</sub> (in <sup>3</sup> /ft)	Effective Section Properties					
								Negative Bending			Positive Bending		
								I <sub>xe</sub> (in <sup>4</sup> /ft)	S <sub>xe</sub> (in <sup>3</sup> /ft)	M <sub>nxo</sub> (k-in/ft)	I <sub>xe</sub> (in <sup>4</sup> /ft)	S <sub>xe</sub> (in <sup>3</sup> /ft)	M <sub>nxo</sub> (k-in/ft)
26	0.01875	33	45	0.2482	2.53	0.018	0.020	0.018	0.020	0.505	0.018	0.020	0.507

Web Crippling Capacities: Per Foot Width - In accordance with AISI S100 - Limit States Design

Thickness	Support Condition	Support	Minimum Bearing Length (in.)	P <sub>η</sub> (in <sup>4</sup> /ft)	φ <sub>w</sub> (LSD)
26 (0.01875 in)	Fastened	End	2	202	0.80
		Interior	2	342	0.75
	Not Fastened	End	2	164	0.50
		Interior	2	342	0.75

Load Tables - Hybrid 35<sup>®</sup> 26 Ga Allowable Uniform Load-Span Table

Thickness	Load Type	Unfactored LSD Uniform Loads (PSF) For Support Spacing <sup>2</sup>						
		1'	1' - 6"	2'	2' - 6"	3'	3' - 6"	4'
1	Negative (Wind) <sup>1</sup>	243	109	62	41	29	22	17
	L/120	228	103	59	39	28	21	17
	L/180	228	488	206	105	61	38	26
	L/240	228	363	152	76	43	26	17
2	Negative (Wind) <sup>1</sup>	288	113	64	42	30	23	18
	L/120	227	102	59	38	27	21	17
	L/180	227	102	59	38	27	21	17
	L/240	227	102	59	38	27	21	17
3	Negative (Wind) <sup>1</sup>	313	140	80	52	37	28	22
	L/120	283	127	81	47	34	25	20
	L/180	283	127	81	47	34	25	20
	L/240	283	127	81	47	34	25	20

# HYBRID 35<sup>®</sup> Panel Grade 33 (applies to roof application only)

Gross/Effective Properties: Per Foot Width - In accordance with AISI S100 - Limit States Design

Gauge	Thickness (in)	$F_y$ (ksi)	$F_u$ (ksi)	Area (in <sup>2</sup> /ft)	Weight (psf)	$I_x$ (in <sup>4</sup> /ft)	$S_x$ (in <sup>3</sup> /ft)	Effective Section Properties					
								Negative Bending			Positive Bending		
								$I_{xe}$ (in <sup>4</sup> /ft)	$S_{xe}$ (in <sup>3</sup> /ft)	$M_{nxo}$ (k-in/ft)	$I_{xe}$ (in <sup>4</sup> /ft)	$S_{xe}$ (in <sup>3</sup> /ft)	$M_{nxo}$ (k-in/ft)
24	0.02500	33	45	0.3300	3.36	0.024	0.027	0.024	0.027	0.664	0.024	0.027	0.667

Web Crippling Capacities: Per Foot Width - In accordance with AISI S100 - Limit States Design

Thickness	Support Condition	Support	Minimum Bearing Length (in.)	$P_n$ (in <sup>4</sup> /ft)	$\phi_w$ (LSD)
24 (0.025 in)	Fastened	End	2	376	0.80
		Interior	2	585	0.75
	Not Fastened	End	2	306	0.50
		Interior	2	585	0.75

Load Tables - Hybrid 35<sup>®</sup> 24 Ga Allowable Uniform Load-Span Table

Thickness	Load Type	Unfactored LSD Uniform Loads (PSF) For Support Spacing <sup>2</sup>						
		1'	1' - 6"	2'	2' - 6"	3'	3' - 6"	4'
1	Negative (Wind) <sup>1</sup>	319	144	82	54	38	29	23
	L/120	300	135	77	51	36	28	22
	L/180	300	135	77	51	36	28	22
	L/240	300	135	77	51	36	30	22
2	Negative (Wind) <sup>1</sup>	330	148	85	55	39	27	23
	L/120	299	135	77	51	36	27	22
	L/180	299	135	77	51	36	27	22
	L/240	299	135	77	51	36	27	22
3	Negative (Wind) <sup>1</sup>	412	185	105	68	48	36	29
	L/120	372	167	96	62	44	33	26
	L/180	372	167	96	62	44	33	26
	L/240	372	167	96	62	44	33	26

## TR-936® Panels



Scan QR Code to Open  
Installation Instructions

- TR-936® is a long lasting, economical, exposed fastener metal roofing and siding solution.
- This profile is commonly used for residential, agricultural, or commercial projects.
- TR-936® is a versatile product that can be installed over open framing or a solid substrate.

### TR-936® (Roof & Wall Application)



#### PRODUCT DETAILS

- 3/4" ribs on 9" centres
- Minimum roof slope 2:12
- 36" coverage
- Call for 24 gauge availability

### TR-936® Shadow Wall (Wall Application)



#### PRODUCT DETAILS

- Reverse run of TR-936®
- 36" coverage
- An additional protective sheet will be added to each lift at the longest length
- 3/4" ribs on 9" centres
- #10 screw is recommended for install
- Call for 24 gauge availability

### Available Colours - 29 Gauge

Black	Coffee Brown	Heron Blue	Pebble Beach	Tan
Bone White	Dark Red	Iron Ore	Regent Grey	Tile Red
Bright Red	Deepwater Green	Ivory	Royal Blue	White White
Bright White	Driftwood	Linen	Sable	Wicker
Buckskin	Espresso	Madison Brown	Slate Blue	
Burgundy	Galvalume	Melcher's Green	Sophia Spice	
Canouan	Graphite	Olivia Green	Stone Grey	
Charcoal				

### Available Colours - 26 Gauge

Black	Coffee Brown	Heron Blue	Royal Blue	Tile Red
Bone White	Dark Red	Iron Ore	Slate Blue	White White
Bright Red	Deepwater Green	Linen	Stone Grey	Wicker
Bright White	Galvalume	Melcher's Green	Tan	
Charcoal	Graphite	Regent Grey		

### Available Colours - Premium

Black Onyx (T) (24, 26 & 29 Gauge)	Burnished Slate (T) (24, 26 & 29 Gauge)	Carbon (T) (24, 26 & 29 Gauge)	Dark Brown (T) (29 Gauge)	Copper Penny (29 Gauge)
Dark Graphite (T) (29 Gauge)	Iron Ore (T) (29 Gauge)	Kona Brown (T) (24 & 26 Gauge)	(T) Textured	

## TR-936® Panel Grade 80 (applies to roof application only)

Physical Properties: Per Foot Width - In accordance with the CSA S136-01 - Limit States Design

Gauge	Thickness (in)	Weight (lb/ft <sup>2</sup> )	Yield Stress (ksi)	Section Modulus		Moment of Inertia	Factored Moment Resistance		Specified Crippling Bearing N = 1.5 in.	
				Mid	Support		Mid	Support	End	Interior
				in <sup>3</sup>	in <sup>3</sup>		ft-lb	ft-lb	lb	lb
29	0.0142	0.595	80	0.0103	0.0180	0.00732	46.25	81.16	119	195
26	0.0184	0.782	80	0.0147	0.0260	0.00917	66.30	116.80	207	317

**Load Tables** Maximum specified Uniformly Distributed load in lb/ft<sup>2</sup> (psf)

Span		1 Span		2 Span		3 Span	
		Gauge		Gauge		Gauge	
		29	26	29	26	29	26
ft							
2	B	62	88	108	156	96	138
	D	80	100	190	239	151	189
2.5	B	39	57	69	100	62	88
	D	41	51	98	122	77	97
3	B	27	39	48	69	43	61
	D	24	30	56	71	45	56
3.5	B	20	29	35	51	31	45
	D	15	19	36	45	28	35
4	B	15	22	27	39	24	35
	D	10	13	24	30	19	24
4.5	B	12	17	21	31	19	27
	D	7	9	17	21	13	17
5	B	10	14	17	25	15	22
	D	5	6	12	15	10	12
5.5	B	8	12	14	21	13	18
	D	4	5	9	11	7	9
6	B	7	10	12	17	11	15
	D	3	4	7	9	6	7
6.5	B	6	8	10	15	9	13
	D	2	3	6	7	4	6
7	B	5	7	9	13	8	11
	D	2	2	4	6	4	4
7.5	B	4	6	8	11	7	10
	D	2	2	4	5	3	4
8	B	4	6	7	10	6	9
	D	1	2	3	4	2	3

**Notes:**

- Properties and loads are based on Grade 80 Steel with a minimum yield stress of 80 ksi and a maximum yield stress under factored loads of 54 ksi.
- Figures in Row B indicate the load capacity based on strength. Strength capacity B should be checked against [Specified Live Load] + [0.833 x Specified Dead Load].
- Figures in Row D indicate the load capacity based on deflection of 1/180th span. For allowable deflection of 1/90th of the span, values in Row D can be doubled, but must not exceed the value in Row B. Deflection capacity should be checked against Specified Load(s).
- Specified web crippling capacity should be checked against specified load at support location.

**Notes to the Designer:**

- The Load Tables were developed in accordance with CSA S136-16 - North American Specification for the Design of Cold Formed Steel Structural Members and S136S1-04 - Supplement 2004 to the North American Specification for the Design of Cold Formed Steel Structural Members.
- The Load Tables were developed using Limit States Design principles.
- The Load Tables are based on specified uniformly distributed loads only.
- The effective moment of inertia for deflection determination has been calculated at a specified live load stress of 0.6F<sub>y</sub>.
- Specified Web Crippling loads were determined using a bearing width of 1.5".
- The load tables do not consider the effect of pattern loading.
- The load tables do not account for concentrated loads.
- All span applications assumes all spans are equal.

# TR-936<sup>®</sup> Panel Grade 33 (applies to roof application only)

Physical Properties: Per Foot Width - In accordance with the CSA S136-01 - Limit States Design

Gauge	Thickness (in)	Weight (lb/ft <sup>2</sup> )	Yield Stress (ksi)	Section Modulus		Moment of Inertia	Factored Moment Resistance		Specified Crippling Bearing N = 1.5 in.	
				Mid	Support	Mid Span	Mid	Support	End	Interior
				in <sup>3</sup>	in <sup>3</sup>	in <sup>4</sup>	ft-lb	ft-lb	lb	lb
26	0.0184	0.782	33	0.0147	0.0322	0.00917	36.46	79.60	114	174

Load Tables				
Span		1 Span	2 Span	3 Span
		Gauge	Gauge	Gauge
ft		26	26	26
2	B	49	87	76
	D	100	239	189
2.5	B	31	56	49
	D	51	122	97
3	B	22	39	34
	D	30	71	56
3.5	B	16	28	25
	D	19	45	35
4	B	12	22	19
	D	13	30	24
4.5	B	10	17	15
	D	9	21	17
5	B	8	14	12
	D	6	15	12
5.5	B	6	11	10
	D	5	11	9
6	B	5	10	8
	D	4	9	7
6.5	B	5	8	7
	D	3	7	6
7	B	4	7	6
	D	2	6	4
7.5	B	3	6	5
	D	2	5	4
8	B	3	5	5
	D	2	4	3

## Notes:

- Properties and loads are based on Grade 33 Steel with a minimum yield stress of 33 ksi and a maximum yield stress under factored loads of 29.7 ksi.
- Figures in Row B indicate the load capacity based on strength. Strength capacity B should be checked against [Specified Live Load] + [0.833 x Specified Dead Load].
- Figures in Row D indicate the load capacity based on deflection of 1/180th span. For allowable deflection of 1/90th of the span, values in Row D can be doubled, but must not exceed the value in Row B. Deflection capacity should be checked against Specified Load(s).
- Specified web crippling capacity should be checked against specified load at support location.

## Notes to the Designer:

- The Load Tables were developed in accordance with CSA S136-16 - North American Specification for the Design of Cold Formed Steel Structural Members and S136S1-04 - Supplement 2004 to the North American Specification for the Design of Cold Formed Steel Structural Members.
- The Load Tables were developed using Limit States Design principles.
- The Load Tables are based on specified uniformly distributed loads only.
- The effective moment of inertia for deflection determination has been calculated at a specified live load stress of 0.6F<sub>y</sub>.
- Specified Web Crippling loads were determined using a bearing width of 1.5".
- The load tables do not consider the effect of pattern loading.
- The load tables do not account for concentrated loads.
- All span applications assumes all spans are equal.

## PR-936® Panels


 Scan QR Code to Open  
 Installation Instructions

- PR-936® is a long lasting, economical, exposed fastener metal roofing and siding solution.
- This profile is commonly used for residential, agricultural, or commercial projects.
- PR-936® is a versatile product that can be installed over open framing or a solid substrate.

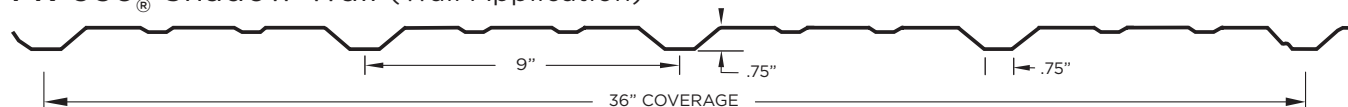
### PR-936® (Roof & Wall Application)



#### PRODUCT DETAILS

- 3/4" ribs on 9" centres
- Minimum roof slope 2:12
- 36" coverage
- Call for 24 gauge availability

### PR-936® Shadow Wall (Wall Application)



#### PRODUCT DETAILS

- Reverse run of PR-936®
- 36" coverage
- An additional protective sheet will be added to each lift at the longest length
- 3/4" ribs on 9" centres
- #10 screw is recommended for install
- Call for 24 gauge availability

### Available Colours - 29 Gauge

Black	Coffee Brown	Heron Blue	Pebble Beach	Tan
Bone White	Dark Red	Iron Ore	Regent Grey	Tile Red
Bright Red	Deepwater Green	Ivory	Royal Blue	White White
Bright White	Driftwood	Linen	Sable	Wicker
Buckskin	Espresso	Madison Brown	Slate Blue	
Burgundy	Galvalume	Melcher's Green	Sophia Spice	
Canouan	Graphite	Olivia Green	Stone Grey	
Charcoal				

### Available Colours - 26 Gauge

Black	Coffee Brown	Heron Blue	Royal Blue	Tile Red
Bone White	Dark Red	Iron Ore	Slate Blue	White White
Bright Red	Deepwater Green	Linen	Stone Grey	Wicker
Bright White	Galvalume	Melcher's Green	Tan	
Charcoal	Graphite	Regent Grey		

### Available Colours - Premium

Black Onyx (T) (24, 26 & 29 Gauge)	Burnished Slate (T) (24, 26 & 29 Gauge)	Carbon (T) (24, 26 & 29 Gauge)	Dark Brown (T) (29 Gauge)	Copper Penny (29 Gauge)
Dark Graphite (T) (29 Gauge)	Iron Ore (T) (29 Gauge)	Kona Brown (T) (24 & 26 Gauge)	(T) Textured	

# PR-936® Panel Grade 80 (applies to roof application only)

Physical Properties: Per Foot Width - In accordance with the CSA S136-01 - Limit States Design

Gauge	Thickness (in)	Weight (lb/ft <sup>2</sup> )	Yield Stress (ksi)	Section Modulus		Moment of Inertia	Factored Moment Resistance		Specified Crippling Bearing N = 1.5 in.	
				Mid	Support		Mid	Support	End	Interior
				in <sup>3</sup>	in <sup>3</sup>	in <sup>4</sup>	ft-lb	ft-lb	lb	lb
29	0.0142	0.595	80	0.0114	0.0167	0.00693	51.09	75.36	104	173
26	0.0184	0.782	80	0.0157	0.0255	0.00913	70.71	114.78	183	283

**Load Tables** Maximum specified Uniformly Distributed load in lb/ft<sup>2</sup> (psf)

Span		1 Span		2 Span		3 Span	
		Gauge		Gauge		Gauge	
ft		29	26	29	26	29	26
2	B	68	94	100	153	106	147
	D	76	100	180	237	143	188
2.5	B	44	60	64	98	68	94
	D	39	51	92	122	73	96
3	B	30	42	45	68	47	65
	D	22	30	53	70	42	56
3.5	B	22	31	33	50	35	48
	D	14	19	34	44	27	35
4	B	17	24	25	38	27	37
	D	9	12	23	30	18	24
4.5	B	13	19	20	30	21	29
	D	7	9	16	21	13	17
5	B	11	15	16	24	17	24
	D	5	6	12	15	9	12
5.5	B	9	12	13	20	14	19
	D	4	5	9	11	7	9
6	B	8	10	11	17	12	16
	D	3	4	7	9	5	7
6.5	B	6	9	10	14	10	14
	D	2	3	5	7	4	5
7	B	6	8	8	12	9	12
	D	2	2	4	6	3	4
7.5	B	5	7	7	11	8	10
	D	1	2	3	5	3	4
8	B	4	6	6	10	7	9
	D	1	2	3	4	2	3

**Notes:**

- Properties and loads are based on Grade 80 Steel with a minimum yield stress of 80 ksi and a maximum yield stress under factored loads of 54 ksi.
- Figures in Row B indicate the load capacity based on strength. Strength capacity B should be checked against [Specified Live Load] + [0.833 x Specified Dead Load].
- Figures in Row D indicate the load capacity based on deflection of 1/180th span. For allowable deflection of 1/90th of the span, values in Row D can be doubled, but must not exceed the value in Row B. Deflection capacity should be checked against Specified Load(s).
- Specified web crippling capacity should be checked against specified load at support location.

**Notes to the Designer:**

- The Load Tables were developed in accordance with CSA S136-16 - North American Specification for the Design of Cold Formed Steel Structural Members and S136S1-04 - Supplement 2004 to the North American Specification for the Design of Cold Formed Steel Structural Members.
- The Load Tables were developed using Limit States Design principles.
- The Load Tables are based on specified uniformly distributed loads only.
- The effective moment of inertia for deflection determination has been calculated at a specified live load stress of 0.6F<sub>y</sub>.
- Specified Web Crippling loads were determined using a bearing width of 1.5".
- The load tables do not consider the effect of pattern loading.
- The load tables do not account for concentrated loads.
- All span applications assumes all spans are equal.

# PR-936® Panel Grade 33 (applies to roof application only)

Physical Properties: Per Foot Width - In accordance with the CSA S136-01 - Limit States Design

Gauge	Thickness (in)	Weight (lb/ft <sup>2</sup> )	Yield Stress (ksi)	Section Modulus		Moment of Inertia	Factored Moment Resistance		Specified Crippling Bearing N = 1.5 in.	
				Mid	Support		Mid	Support	End	Interior
				in <sup>3</sup>	in <sup>3</sup>		ft-lb	ft-lb	lb	lb
26	0.0184	0.782	33	0.0163	0.0316	0.00913	40.33	78.10	101	155

Load Tables				
Span		1 Span	2 Span	3 Span
		Gauge	Gauge	Gauge
ft		26	26	26
2	B	54	96	84
	D	100	237	188
2.5	B	34	61	54
	D	51	122	96
3	B	24	43	37
	D	30	70	56
3.5	B	18	31	27
	D	19	44	35
4	B	13	24	21
	D	12	30	24
4.5	B	11	19	17
	D	9	21	17
5	B	9	15	13
	D	6	15	12
5.5	B	7	13	11
	D	5	11	9
6	B	6	11	9
	D	4	9	7
6.5	B	5	9	8
	D	3	7	5
7	B	4	8	7
	D	2	6	4
7.5	B	4	7	6
	D	2	5	4
8	B	3	6	5
	D	2	4	3

## Notes:

- Properties and loads are based on Grade 33 Steel with a minimum yield stress of 33 ksi and a maximum yield stress under factored loads of 29.7 ksi.
- Figures in Row B indicate the load capacity based on strength. Strength capacity B should be checked against [Specified Live Load] + [0.833 x Specified Dead Load].
- Figures in Row D indicate the load capacity based on deflection of 1/180th span. For allowable deflection of 1/90th of the span, values in Row D can be doubled, but must not exceed the value in Row B. Deflection capacity should be checked against Specified Load(s).
- Specified web crippling capacity should be checked against specified load at support location.

## Notes to the Designer:

- The Load Tables were developed in accordance with CSA S136-16 - North American Specification for the Design of Cold Formed Steel Structural Members and S136S1-04 - Supplement 2004 to the North American Specification for the Design of Cold Formed Steel Structural Members.
- The Load Tables were developed using Limit States Design principles.
- The Load Tables are based on specified uniformly distributed loads only.
- The effective moment of inertia for deflection determination has been calculated at a specified live load stress of 0.6F<sub>y</sub>.
- Specified Web Crippling loads were determined using a bearing width of 1.5".
- The load tables do not consider the effect of pattern loading.
- The load tables do not account for concentrated loads.
- All span applications assumes all spans are equal.

## LR-936® Panel



Scan QR Code to Open  
Installation Instructions

- LR-936® is a long lasting, economical, exposed fastener metal roofing and siding solution.
- With the major rib being only 3/8" high, LR-936® is a terrific solution to cover your arch rib buildings.
- This profile is commonly used for residential, agricultural, or commercial projects.
- LR-936® is a versatile product that should be installed on a solid substrate.

### LR-936® (Roof & Wall Application)



#### PRODUCT DETAILS

- 3/8" ribs on 9" centres
- Minimum roof slope 2:12
- 36" coverage
- Call for 24 gauge availability

#### Available Colours - 29 Gauge

Black	Coffee Brown	Heron Blue	Pebble Beach	Tan
Bone White	Dark Red	Iron Ore	Regent Grey	Tile Red
Bright Red	Deepwater Green	Ivory	Royal Blue	White White
Bright White	Driftwood	Linen	Sable	Wicker
Buckskin	Espresso	Madison Brown	Slate Blue	
Burgundy	Galvalume	Melcher's Green	Sophia Spice	
Canouan	Graphite	Olivia Green	Stone Grey	
Charcoal				

#### Available Colours - 26 Gauge

Black	Coffee Brown	Heron Blue	Royal Blue	Tile Red
Bone White	Dark Red	Iron Ore	Slate Blue	White White
Bright Red	Deepwater Green	Linen	Stone Grey	Wicker
Bright White	Galvalume	Melcher's Green	Tan	
Charcoal	Graphite	Regent Grey		

#### Available Colours - Premium

Black Onyx (T) (24, 26 & 29 Gauge)	Burnished Slate (T) (24, 26 & 29 Gauge)	Carbon (T) (24, 26 & 29 Gauge)	Dark Brown (T) (29 Gauge)	Copper Penny (29 Gauge)
Dark Graphite (T) (29 Gauge)	Iron Ore (T) (29 Gauge)	Kona Brown (T) (24 & 26 Gauge)	(T) Textured	

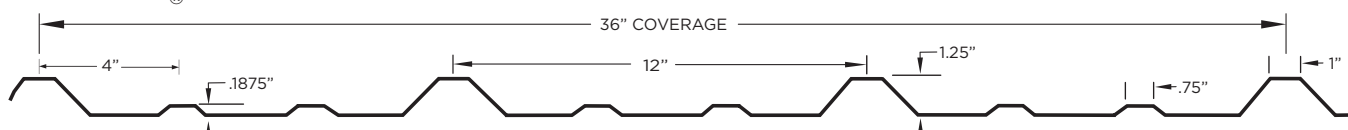
## PBR-1236® Panels



Scan QR Code to Open  
Installation Instructions

- PBR-1236® is a long lasting, economical, exposed fastener metal roofing and siding solution.
- This profile is commonly used in agricultural or commercial projects but could easily be incorporated into any residential project.
- PBR-1236® is a versatile product that can be installed over open framing or a solid substrate.

### PBR-1236® (Roof & Wall Application)



#### PRODUCT DETAILS

- 1-1/4" ribs on 12" centres
- Minimum roof slope 1:12
- 36" coverage
- Call for 24 gauge availability

### PBR-1236® Shadow Wall (Wall Application)



#### PRODUCT DETAILS

- Reverse run of PBR-1236®
- 36" coverage
- An additional protective sheet will be added to each lift at the longest length
- 1-1/4" ribs on 12" centres
- #10 screw is recommended for install
- Call for 24 gauge availability

### Available Colours - 26 Gauge

Black	Coffee Brown	Heron Blue	Royal Blue	Tile Red
Bone White	Dark Red	Iron Ore	Slate Blue	White White
Bright Red	Deepwater Green	Linen	Stone Grey	Wicker
Bright White	Galvalume	Melcher's Green	Tan	
Charcoal	Graphite	Regent Grey		

### Available Colours - Premium

Black Onyx (T) (24 & 26 Gauge)	Burnished Slate (T) (24 & 26 Gauge)	Carbon (T) (24 & 26 Gauge)	Kona Brown (T) (24 & 26 Gauge)	(T) Textured
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# PBR-1236<sup>®</sup> Panel Grade 80 (applies to roof application only)

Physical Properties: Per Foot Width - In accordance with the CSA S136-01 - Limit States Design

Gauge	Thickness (in)	Weight (lb/ft <sup>2</sup> )	Yield Stress (ksi)	Section Modulus		Moment of Inertia	Factored Moment Resistance		Specified Crippling Bearing N = 1.5 in.	
				Mid	Support	Mid Span	Mid	Support	End	Interior
				in <sup>3</sup>	in <sup>3</sup>	in <sup>4</sup>	ft-lb	ft-lb	lb	lb
26	0.018	0.950	54	0.0306	0.0479	0.03453	137.52	215.76	198	316

## Load Tables

Span		1 Span	2 Span	3 Span
		Gauge	Gauge	Gauge
ft		26	26	26
2	B	183	288	286
	D	377	898	712
2.5	B	117	184	183
	D	193	460	364
3	B	81	128	127
	D	112	266	211
3.5	B	60	94	94
	D	70	168	133
4	B	46	72	72
	D	47	112	89
4.5	B	36	57	57
	D	33	79	62
5	B	29	46	46
	D	24	57	46
5.5	B	24	38	38
	D	18	43	34
6	B	20	32	32
	D	14	33	26
6.5	B	17	27	27
	D	11	26	21
7	B	15	23	23
	D	9	21	17
7.5	B	13	20	20
	D	7	17	13
8	B	11	18	18
	D	6	14	11

### Notes:

- Properties and loads are based on Grade 80 Steel with a minimum yield stress of 80 ksi and a maximum yield stress under factored loads of 54 ksi.
- Figures in Row B indicate the load capacity based on strength. Strength capacity B should be checked against [Specified Live Load] + [0.833 x Specified Dead Load].
- Figures in Row D indicate the load capacity based on deflection of 1/180th span. For allowable deflection of 1/90th of the span, values in Row D can be doubled, but must not exceed the value in Row B. Deflection capacity should be checked against Specified Load(s).
- Specified web crippling capacity should be checked against specified load at support location.

### Notes to the Designer:

- The Load Tables were developed in accordance with CSA S136-16 - North American Specification for the Design of Cold Formed Steel Structural Members and S136S1-04 - Supplement 2004 to the North American Specification for the Design of Cold Formed Steel Structural Members.
- The Load Tables were developed using Limit States Design principles.
- The Load Tables are based on specified uniformly distributed loads only.
- The effective moment of inertia for deflection determination has been calculated at a specified live load stress of 0.6F<sub>y</sub>.
- Specified Web Crippling loads were determined using a bearing width of 1.5".
- The load tables do not consider the effect of pattern loading.
- The load tables do not account for concentrated loads.
- All span applications assumes all spans are equal.

# PBR-1236<sup>®</sup> Panel Grade 33 (applies to roof application only)

Physical Properties: Per Foot Width - In accordance with the CSA S136-01 - Limit States Design

Gauge	Thickness (in)	Weight (lb/ft <sup>2</sup> )	Yield Stress (ksi)	Section Modulus		Moment of Inertia	Factored Moment Resistance		Specified Crippling Bearing N = 1.5 in.	
				Mid	Support		Mid	Support	End	Interior
				in <sup>3</sup>	in <sup>3</sup>		ft-lb	ft-lb	lb	lb
<b>26</b>	0.018	0.950	29.7	0.038	0.0466	0.03634	94.46	115.32	98	156

## Load Tables

Span		1 Span	2 Span	3 Span
		Gauge	Gauge	Gauge
ft		26	26	26
2	B	126	154	192
	D	397	945	749
2.5	B	81	98	123
	D	203	484	384
3	B	56	68	85
	D	118	280	222
3.5	B	41	50	63
	D	74	176	140
4	B	31	38	48
	D	50	118	94
4.5	B	25	30	38
	D	35	83	66
5	B	20	25	31
	D	25	61	48
5.5	B	17	20	25
	D	19	45	36
6	B	14	17	21
	D	15	35	28
6.5	B	12	15	18
	D	12	28	22
7	B	10	13	16
	D	9	22	17
7.5	B	9	11	14
	D	8	18	14
8	B	8	10	12
	D	6	15	12

### Notes:

- Properties and loads are based on Grade 33 Steel with a minimum yield stress of 33 ksi and a maximum yield stress under factored loads of 27.9 ksi.
- Figures in Row B indicate the load capacity based on strength. Strength capacity B should be checked against [Specified Live Load] + [0.833 x Specified Dead Load].
- Figures in Row D indicate the load capacity based on deflection of 1/180th span. For allowable deflection of 1/90th of the span, values in Row D can be doubled, but must not exceed the value in Row B. Deflection capacity should be checked against Specified Load(s).
- Specified web crippling capacity should be checked against specified load at support location.

### Notes to the Designer:

- The Load Tables were developed in accordance with CSA S136-16 - North American Specification for the Design of Cold Formed Steel Structural Members and S136S1-04 - Supplement 2004 to the North American Specification for the Design of Cold Formed Steel Structural Members.
- The Load Tables were developed using Limit States Design principles.
- The Load Tables are based on specified uniformly distributed loads only.
- The effective moment of inertia for deflection determination has been calculated at a specified live load stress of 0.6F<sub>y</sub>.
- Specified Web Crippling loads were determined using a bearing width of 1.5".
- The load tables do not consider the effect of pattern loading.
- The load tables do not account for concentrated loads.
- All span applications assumes all spans are equal.

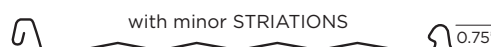
## SNAP-TITE® Panels



Scan QR Code to Open  
Installation Instructions

- Snap-Tite® is a completely customizable hidden fastener solution for your project.
- Available in 12" or 16" wide panels with a 1" major rib and the minors in beads or striations, the possibilities are endless.
- This profile is most commonly used in residential projects, but can easily be incorporated into any agricultural or commercial project.

### SNAP-TITE® 12" (Roof & Wall Application)



#### PRODUCT DETAILS

- 1" ribs on 12" centres
- Minimum slope 3:12
- Available in 29 gauge or 26 gauge
- 12" coverage
- Call for 24 gauge availability

### SNAP-TITE® 16" (Roof & Wall Application)



#### PRODUCT DETAILS

- 1" ribs on 16" centres
- Minimum slope 3:12
- Available in 26 gauge
- 16" coverage
- Call for 24 gauge availability

### Available Colours - 29 Gauge (12" Profile Only)

Black	Coffee Brown	Heron Blue	Pebble Beach	Tan
Bone White	Dark Red	Iron Ore	Regent Grey	Tile Red
Bright Red	Deepwater Green	Ivory	Royal Blue	White White
Bright White	Driftwood	Linen	Sable	Wicker
Buckskin	Espresso	Madison Brown	Slate Blue	
Burgundy	Galvalume	Melcher's Green	Sophia Spice	
Canouan	Graphite	Olivia Green	Stone Grey	
Charcoal				

### Available Colours - 26 Gauge

Black	Coffee Brown	Heron Blue	Royal Blue	Tile Red
Bone White	Dark Red	Iron Ore	Slate Blue	White White
Bright Red	Deepwater Green	Linen	Stone Grey	Wicker
Bright White	Galvalume	Melcher's Green	Tan	
Charcoal	Graphite	Regent Grey		

### Available Colours - Premium

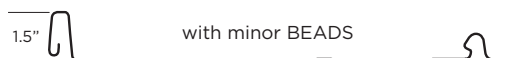
Black Onyx (T) (24, 26 & 29 Gauge)	Burnished Slate (T) (24, 26 & 29 Gauge)	Carbon (T) (24, 26 & 29 Gauge)	Dark Brown (T) (29 Gauge)	Copper Penny (29 Gauge)
Dark Graphite (T) (29 Gauge)	Iron Ore (T) (29 Gauge)	Kona Brown (T) (24 & 26 Gauge)	(T) Textured	

## SNAP-TITE® 1.5 Panels


 Scan QR Code to Open  
Installation Instructions

- Snap-Tite® is a completely customizable hidden fastener solution for your project.
- Available in 12" or 16" wide panels with a 1.5" major rib and the minors in beads or striations, the possibilities are endless.
- This profile is most commonly used in residential projects, but can easily be incorporated into any agricultural or commercial project.

### SNAP-TITE® 12" (Roof & Wall Application)



#### PRODUCT DETAILS

- 1-1/2" ribs on 12" centres
- Minimum slope 3:12
- Available in 26 gauge
- 12" coverage
- Call for 24 gauge availability

### SNAP-TITE® 16" (Roof & Wall Application)



#### PRODUCT DETAILS

- 1-1/2" ribs on 16" centres
- Minimum slope 3:12
- Available in 26 gauge
- 16" coverage
- Call for 24 gauge availability

### Available Colours - 26 Gauge

Black	Coffee Brown	Heron Blue	Royal Blue	Tile Red
Bone White	Dark Red	Iron Ore	Slate Blue	White White
Bright Red	Deepwater Green	Linen	Stone Grey	Wicker
Bright White	Galvalume	Melcher's Green	Tan	
Charcoal	Graphite	Regent Grey		

### Available Colours - Premium

Black Onyx (T) (24 & 26 Gauge)	Burnished Slate (T) (24 & 26 Gauge)	Carbon (T) (24 & 26 Gauge)	Kona Brown (T) (24 & 26 Gauge)	(T) Textured
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## STANDING (MECHANICAL) SEAM 1.5 Panels



Scan QR Code to Open  
Installation Instructions

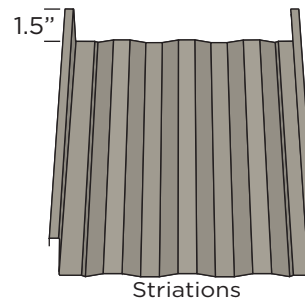
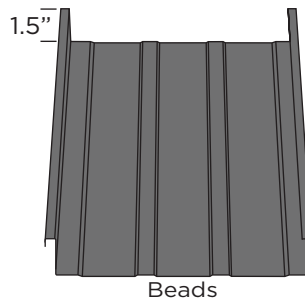
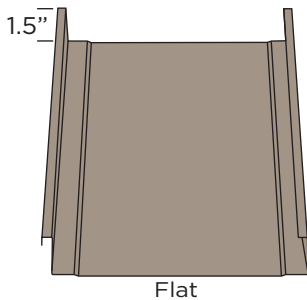
- Standing (Mechanical) Seam 1.5 is the hidden fastener and low slope solution for your project.
- With panel widths of 12" or 16" and the ability to tailor the pan in flat, beads or striations, the possibilities are endless.
- This profile is most often used in commercial projects and easily incorporates into any residential or agricultural project.

### STANDING SEAM 1.5 (Roof Application Only)

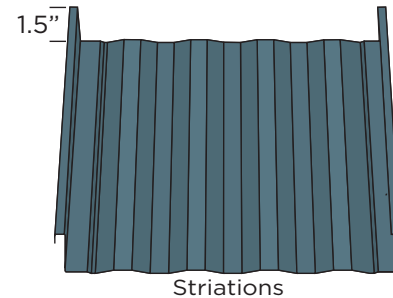
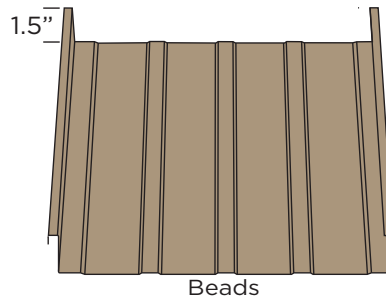
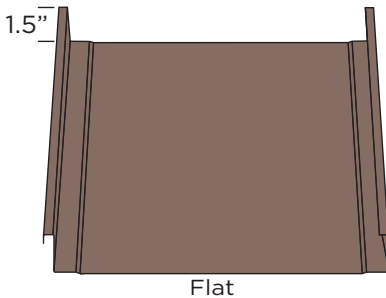
#### PRODUCT DETAILS

- 1-1/2" ribs
- Minimum slope 1:12

#### 12" Coverage



#### 16" Coverage



20" panels also available

#### Available Colours - 26 Gauge

Black	Coffee Brown	Heron Blue	Royal Blue	Tile Red
Bone White	Dark Red	Iron Ore	Slate Blue	White White
Bright Red	Deepwater Green	Linen	Stone Grey	Wicker
Bright White	Galvalume	Melcher's Green	Tan	
Charcoal	Graphite	Regent Grey		

#### Available Colours - Premium Textured - 26 Gauge

Black Onyx	Burnished Slate	Carbon	Kona Brown
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#### Available Colours - Premium Woodgrain - 24 Gauge

Barnboard <b>NEW</b>	Espresso <b>NEW</b>	Gunstock <b>NEW</b>
----------------------	---------------------	---------------------

## Colour Chart

### { CONTEMPORARY COLOURS }



[ Linen ] \*



[ Wicker ] \*



[ Canouan ]



[ Pebble Beach ]



[ Driftwood ]



[ Madison Brown ]



[ Sophia Spice ]



[ Olivia Green ]



[ Sable ]



[ Espresso ]



[ Graphite ] \*



[ Iron Ore ] \*

### { STANDARD COLOURS }



[ Black ] \*



[ Charcoal ] \*



[ Regent Grey ] \*



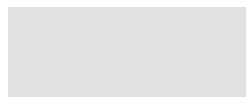
[ Stone Grey ] \*



[ Bone White ] \*



[ White-White ] \*



[ Bright White ] \*



[ Coffee Brown ] \*



[ Buckskin ]



[ Tan ] \*



[ Ivory ]



[ Burgundy ]



[ Dark Red ] \*



[ Bright Red ] \*



[ Tile Red ] \*



[ Melcher's Green ] \*



[ Deepwater Green ] \*



[ Heron Blue ] \*



[ Royal Blue ] \*



[ Slate Blue ] \*



[ Galvalume™ ] \*

\* Available in 26 gauge (Call for 24 gauge availability)  
Contemporary Colours match Gentek Vinyl & Aluminum.

Colour samples are not exact and may vary slightly from actual product.  
See your nearest Manufacturer's Distributor for product samples.

## Colour Chart (continued)

### { TEXTURED COLOURS }



[ Black Onyx ] \*\*



[ Carbon ] \*\*



[ Burnished Slate ] \*\*



[ Kona Brown ] \*\*\*



[ Iron Ore ] \*



[ Dark Brown ] \*



[ Dark Graphite ] \*

### { WOOD GRAINS }



[ Barnboard ] W



[ Espresso ] W

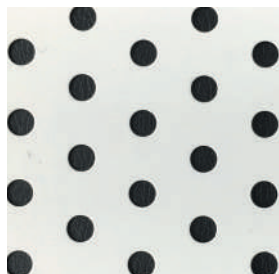


[ Gunstock ] W

### { SPECIALTY COLOURS }



[ Copper Penny ] \*



[ Perforated ] \*  
SOUND DEADENING

\* Available in 29 gauge only  
\*\* Available in 29, 26 & 24 gauge  
\*\*\* Available in 26 & 24 gauge  
W Only Available in 24 gauge Woodgrain

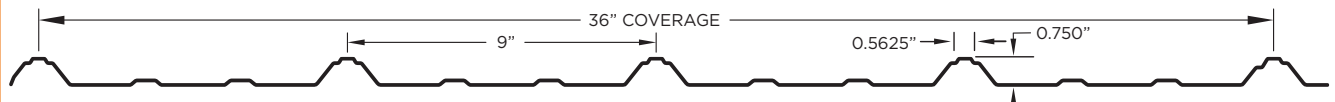
Colour samples are not exact and may vary slightly from actual product.  
See your nearest Manufacturer's Distributor for product samples.

## Poly-Carbonate Panels & Trims

### { POLY-CARBONATE PANELS }

Thickness .031

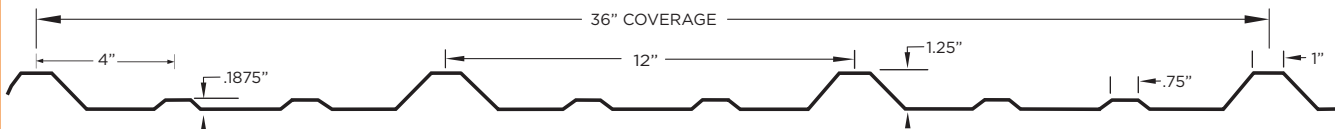
TR-936® Available in Clear 8', 10', 12' and 16' Lengths  
Available in Smoke 12' Lengths



PR-936® Available in Clear 10', 12' and 16' Lengths

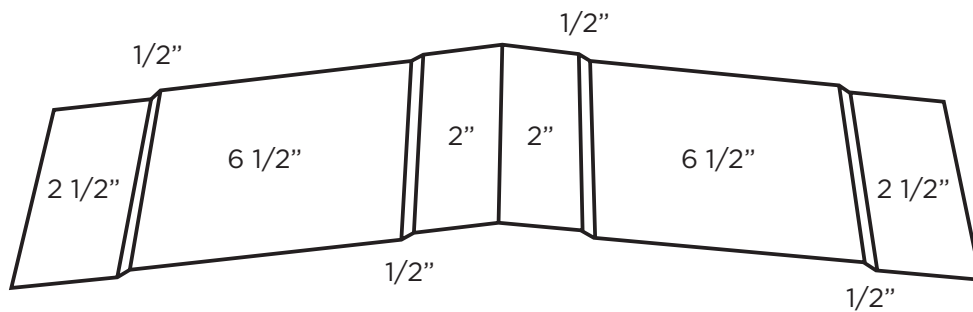


PBR-1236® Available in Clear 10', 12' and 16' Lengths



### { CRYSTAL CLEAR POLY-CARBONATE RIDGE CAP }

Thickness .047



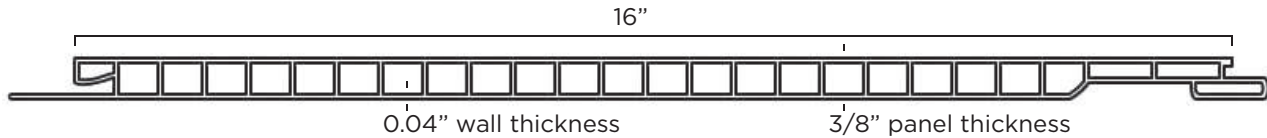
- Available in 2' x 10'
- Ideal for greenhouses and other applications where excellent light transmission is needed in a lightweight product
- High resistance to the harmful effects of weather: both for the impact strength to resist hail damage and in UV protection

## METEX PVC Liner Panels & Trims

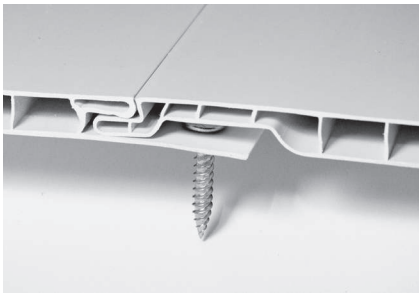


Scan QR Code to Open  
Installation Instructions

### ( SPECIFICATIONS )

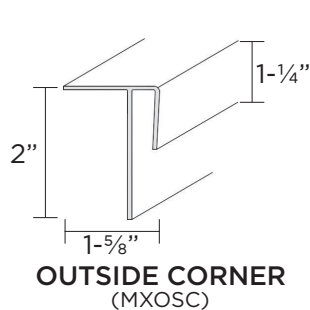
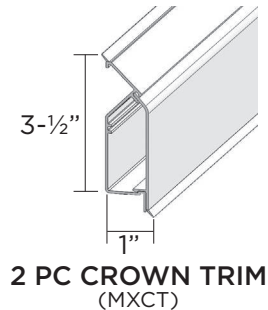
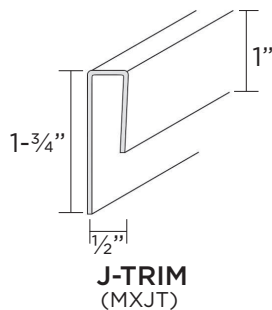


- 12" Panels and custom lengths are available (Minimum quantity required. Allow for additional leadtime)



METEX PVC Liner Panels have a unique interlocking system that makes both vertical and horizontal installation quick and easy.

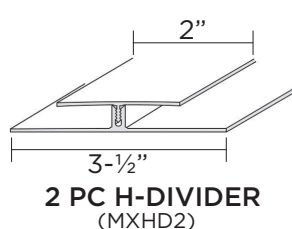
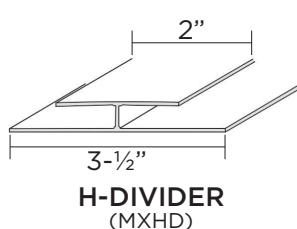
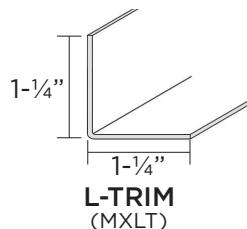
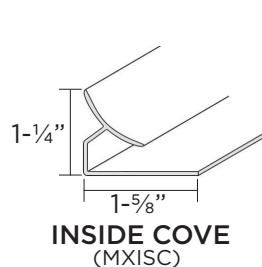
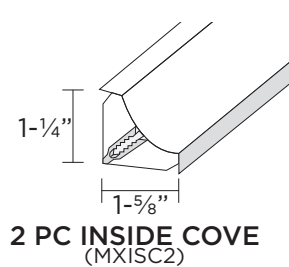
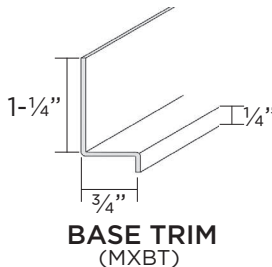
### Trims (10' Long)



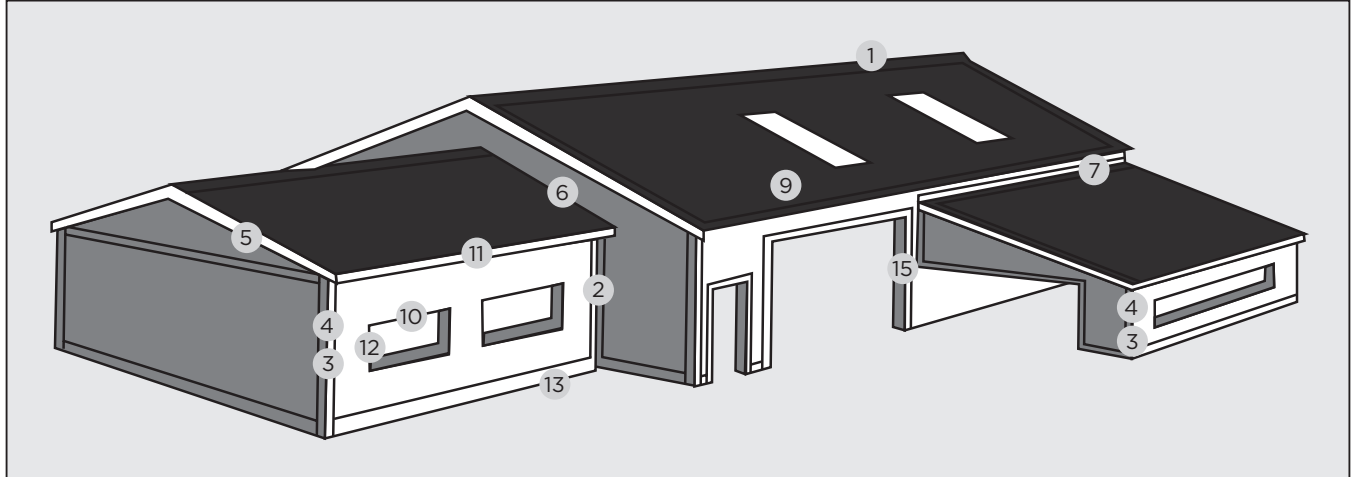
- 16" Wide
- $\frac{3}{8}$ " Thick
- 10', 12', 14', 16', 18' & 20'

### ( RATINGS )

- Class A fire & smoke rating as per ASTM E84 (Flame spread = 15)
- FDA & CFIA approved for indoor applications



## Location Reference of Standard Trims



### ( Reference Number & Description )

1	Ridge Cap	2	Inside Corner	3	Outside Corner
4	Outside Corner Cap	5	Gable Flashing	6	Sidewall Flashing
7	Endwall Flashing	8	Pitch Break	9	Snow Break Flashing
10	Drip Cap	11	Eave Flashing	12	J-Trim
13	Base Flashing	14	Valley Flashing "W"	15	Door Jamb Flashing

Trim Listing Pg. 2 & 3  
Trim Diagrams Pg. 4-9

## Standard Trim Listing

Part #	Description				Wgt. Lbs.	Girth	Unit
MERC1	4-1/2" Ridge Cap	X=1-5/8"			6.3	12"	ea
MERC2	6-1/2" Ridge Cap	X=3-5/8"			8.4	16"	ea
MERC3	6" Flat Ridge Cap				7.0	13.25"	ea
MEISC1	3/4" Inside Corner				2.6	5"	ea
MEOSC1	1-7/8" Outside Corner Cap				2.6	5"	ea
MEOSC2	Universal Outside Corner				6.3	12"	ea
MEOSC4	Outside Corner (SNAP-TITE®)				7.48	14.25"	ea
MEOSC5	5" Outside Corner Cap (SHADOW WALL)				5.9	11.25"	ea
MEGF1	3" Gable Flashing	X=3"			5.8	11"	ea
MEGF2	4" Gable Flashing	X=4"			6.3	12"	ea
MEGF3	3" Gable Flashing (SNAP-TITE®)		Y=1-3/8"		5.6	10.513"	ea
MEGF4	3" Gable Flashing (SNAP-TITE® 1.5)		Y=2-1/8"		5.9	11.25"	ea
MEPG1	3" Prow Gable Flashing				4.9	9.375"	ea
MESW1	Sidewall Flashing				6.3	12"	ea
MESW2	Sidewall Flashing (SNAP-TITE®)	X=1"			4.59	8.75"	ea
MESW3	Sidewall Flashing (SNAP-TITE® 1.5)	X=1-1/2"			4.9	9.375"	ea
MEEW1	Endwall Flashing				6.3	12"	ea
METF1	Pitch Break				6.3	12"	ea
MESB1	Snow Break Flashing				4.6	8.75"	ea
MESB2	2pc Snow Break Flashing		(22 ga base)		14.5	9.25"	ea
MEDC1	7/8" Drip Cap	X=7/8"	Y=1-7/8"	Z=3/4"	2.1	4"	ea
MEDC2	1-3/8" Drip Cap	X=1-3/8"	Y=1-1/2"	Z=5/8"	2.1	4"	ea
MEEF1	2" Eave Flashing	X=4-5/8"	Y = 2"		4.2	8"	ea
MEEF2	3-1/4" Eave Flashing	X=4-3/8"	Y=3-1/4"		4.7	9"	ea
MEJT1	1/2" J-Trim (LR-936®)	X=2-1/4"	Y = 1/2"		2.1	4"	ea
MEJT2	7/8" J-Trim	X=1-7/8"	Y=7/8"		2.1	4"	ea
MEBF1	3/4" Base Flashing				2.1	4"	ea
MEVF1	Valley Flashing 'W' - 24"	X=11"			12.6	24"	ea
MEVF2	Valley Flashing 'W' - 36"	X=17"			18.9	36"	ea
MEVF3	Valley Flashing - 24"				12.6	24"	ea
MEDJ1	7" Door Jamb Flashing				5.8	11"	ea
MEDJ2	8" Door Jamb Flashing				6.6	12"	ea
MERR1	Residential Rake Cap				2.6	5"	ea

# Standard Trim Listing - PBR-1236® Trims

**{ STANDARD TRIMS }**

(All Standard Trims are 10'3" long unless otherwise noted)

Part #	Description				Wgt. Lbs.	Girth	Unit
MEPC1	5" Peak Cap Flashing	X=4"			5.8	11"	ea
MEPC2	5" Peak Cap Flashing (SNAP-TITE®)	X=6"			6.8	13"	ea
MEHC1	5" Flat Hip Cap		(Specify Pitch)		5.9	11.25"	ea
MEFAS6	6" Fascia w/2 Beads				4.3	8.125"	ea
MEFAS8	8" Fascia w/3 Beads	X=1-3/4"	Y=1-1/2"		5.3	10.125"	ea
MEFAS10	10" Fascia w/3 Beads	X=2-1/4"	Y=2"		6.6	12.625"	ea
MELF2	2"x 2" L-Flashing	X=2"	Y=2"		2.1	4"	ea
MELF4	4"x 4" L-Flashing	X=4"	Y=4"		4.2	8"	ea
MELF6	6"x 6" L-Flashing	X=6"	Y=6"		6.3	12"	ea
METMTC	Top Mount Track Cover				6.3	12"	ea
MESF2	4"x 4"x 9" Step Flashing			(9" long)	.33	8"	ea
MEZBAR1	1" Z-Bar (SNAP-TITE®)	X=1"	22ga (10' long)		3.5	3"	ea
MEZBAR1V	1" Z-Bar Vented (SNAP-TITE®)	X=1"	22ga (10' long)		3.5	3"	ea
MEZBAR2	1.5" Z-Bar (SNAP-TITE®)	X=1.5"	22ga (10' long)		5.0	3.5"	ea
MEZBAR2V	1.5" Z-Bar Vented (SNAP-TITE®)	X=1.5"	22ga (10' long)		5.0	3.5"	ea

**{ PBR-1236® STANDARD TRIMS - 26 GAUGE }**

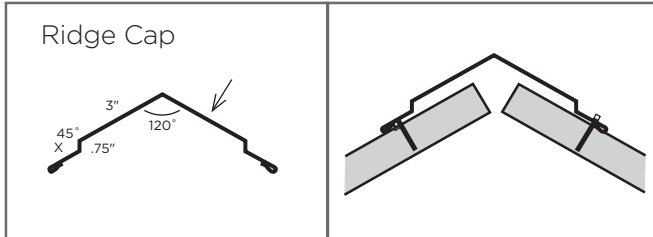
(All Standard Trims are 10'3" long)

Part #	Description	Wgt. Lbs.	Girth	Unit
MERC226	6-1/2" Ridge Cap	11.62	16"	ea
MEVF426	Valley Flashing 'W' - 36"	26.14	36"	ea
MEDC326	1-3/8" Drip Cap	3.63	5"	ea
MEJT326	1-3/8" J-Trim	4.36	6"	ea
MEBF226	1-3/8" Base Flashing	4.86	6"	ea
MEBF326	1-3/8" Boxed Base Flashing	4.36	5.94"	ea
MEOSC326	Universal Outside Corner	11.62	16"	ea
MEGF526	5" Gable Flashing	10.89	14.25"	ea
MESW426	Sidewall Flashing	8.71	10.88"	ea
MEEF326	3-5/8" Eave Flashing	7.26	9.375"	ea

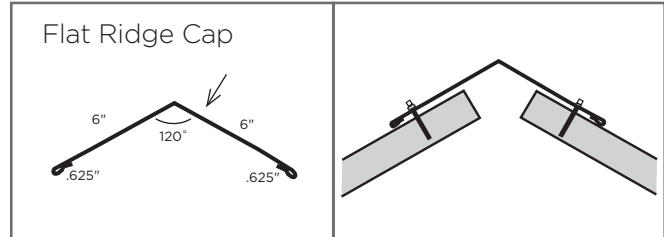
## Standard Trim Illustrations

29 Gauge - Hi-Tensile

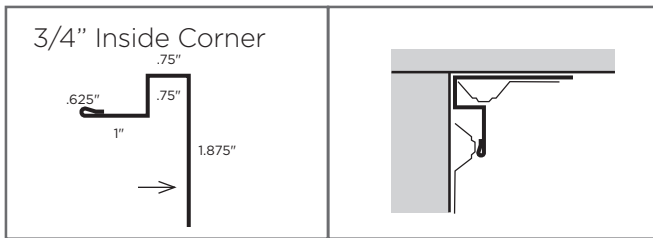
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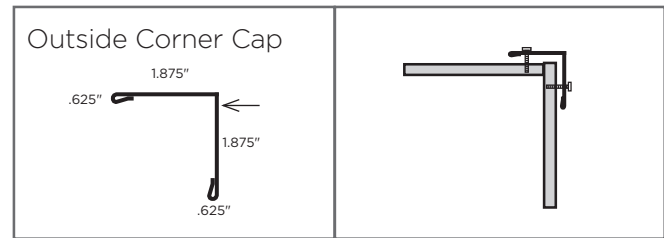
MERC1 X=1.625", MERC2 X=3.625"



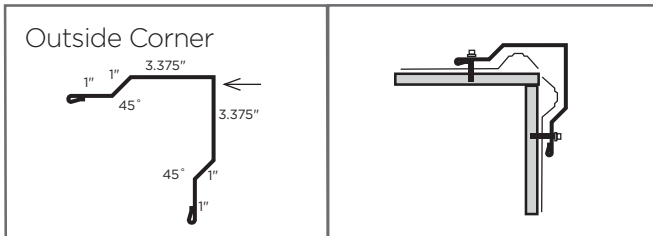
MERC3 (SNAP-TITE®)



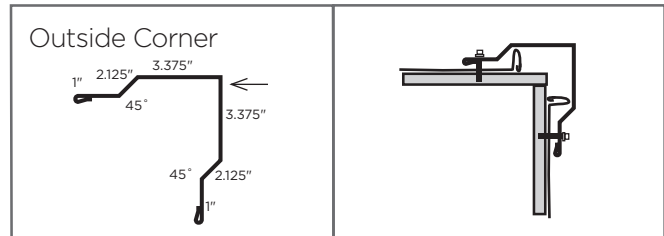
MEISC1



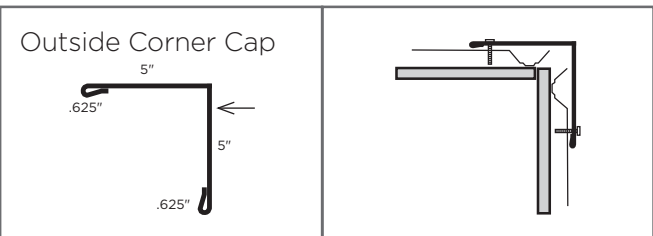
MEOSC1



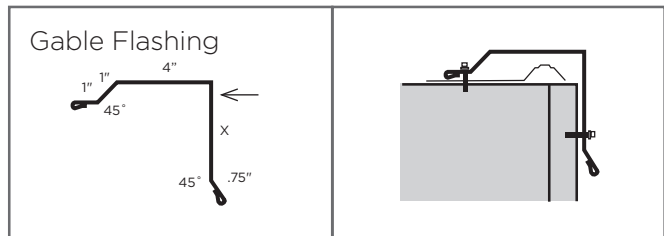
MEOSC2



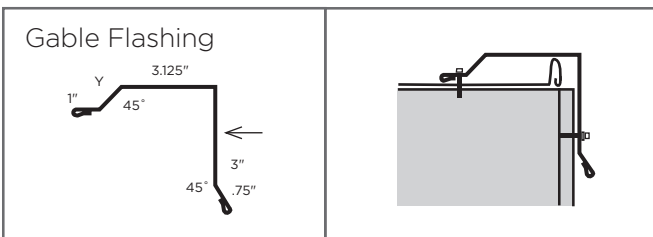
MEOSC4 (SNAP-TITE®)



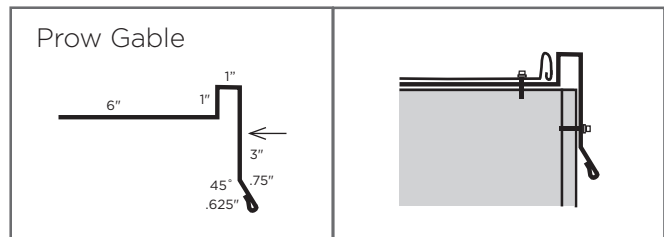
MEOSC5 (SHADOW WALL)



MEGF1 X=3", MEGF2 X=4"



MEGF3 Y=1.375", MEGF4 Y=2.125" (SNAP-TITE®)

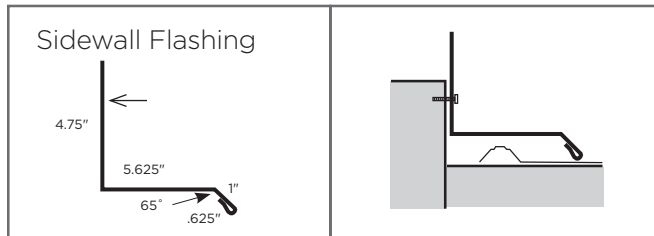


MEPG1 (SNAP-TITE®)

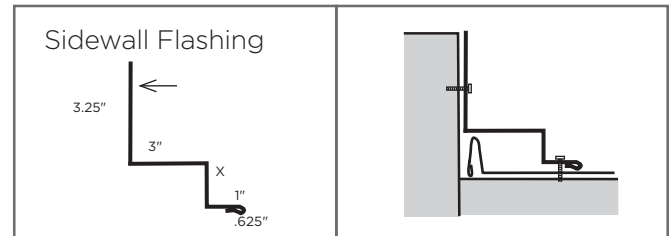
# Standard Trim Illustrations

29 Gauge - Hi-Tensile

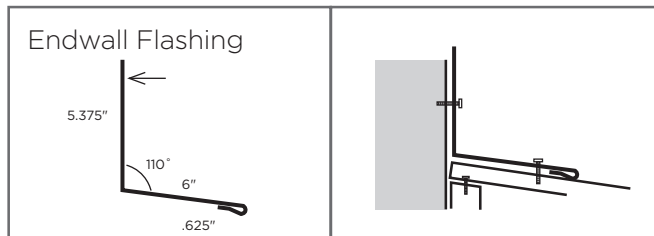
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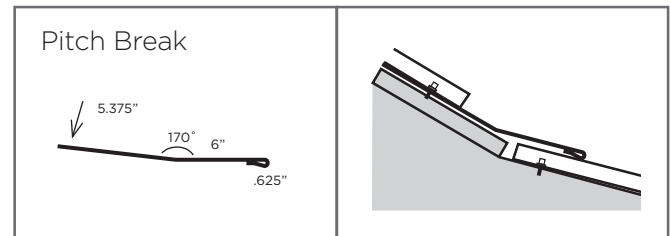
MESW1



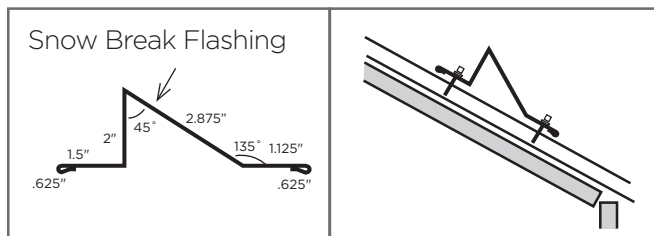
MESW2 X= 1", MESW3 X=1.5" (SNAP-TITE®)



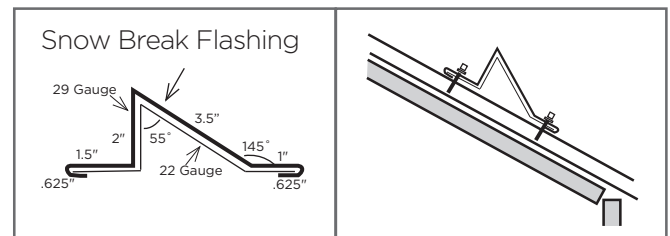
MEEW1



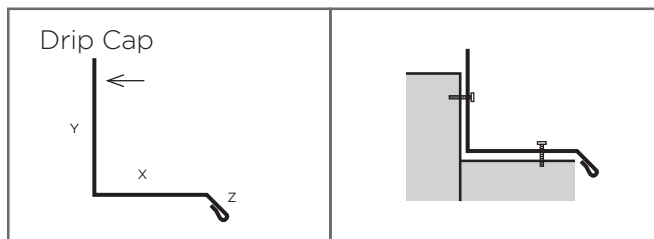
METF1



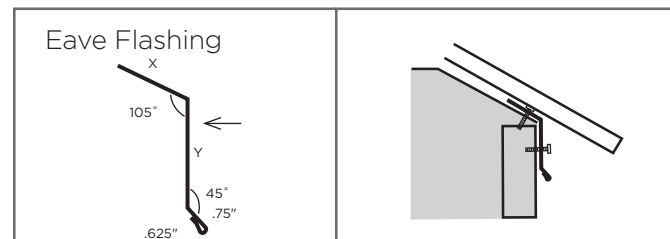
MESB1



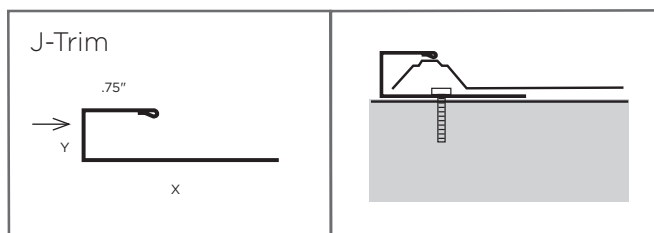
MESB2



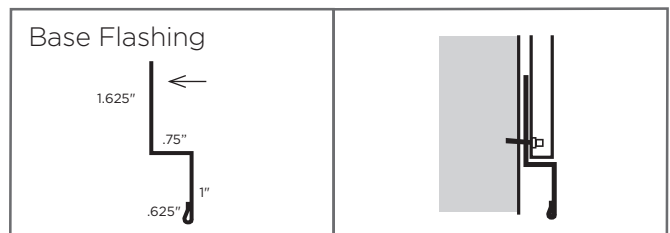
MEDC1 X=.875" Y=1.875" Z=.75", MEDC2 X=1.375" Y=1.5" Z=.625"



MEEF1 X=4.625" Y=2", MEEF2 X=4.375" Y=3.25"



MEJT1 X=2.125" Y=0.5", MEJT2 X=1.875" Y=.875"

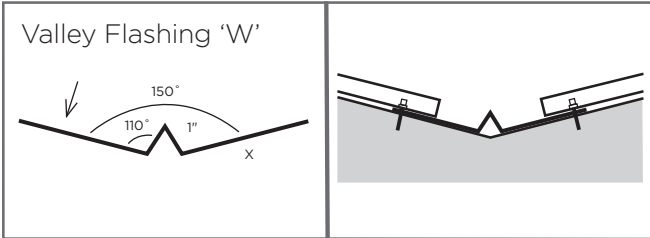


MEBF1

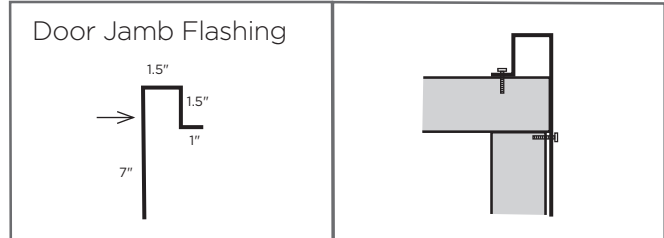
## Standard Trim Illustrations continued

29 Gauge - Hi-Tensile

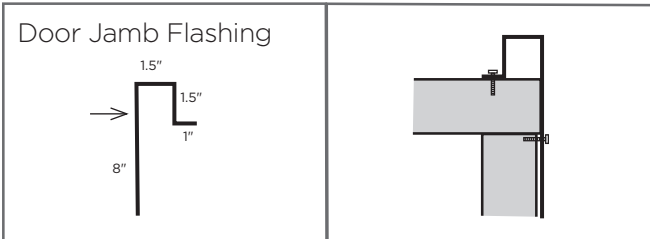
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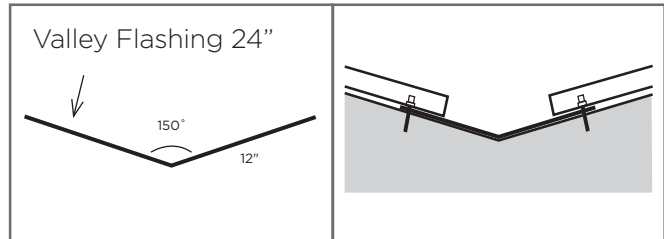
MEVF1 X=11", MEVF2 X=17"



MEDJ1

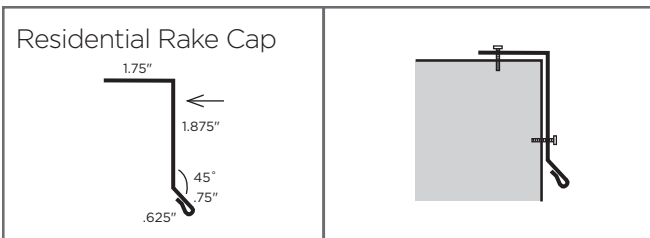


MEDJ2



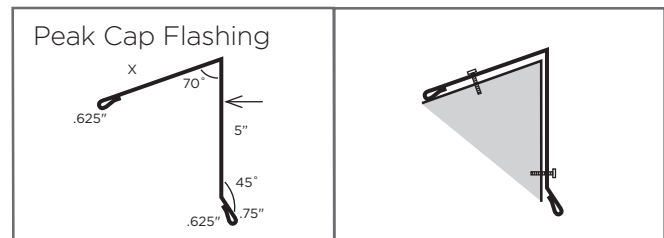
(No Location Reference)

MEVF3



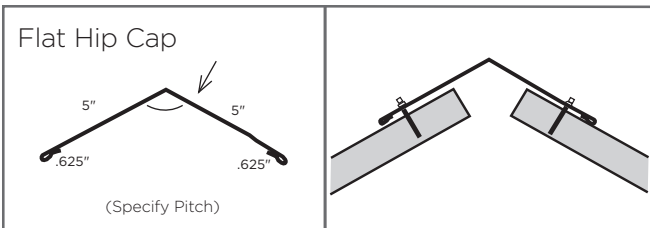
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MERR1



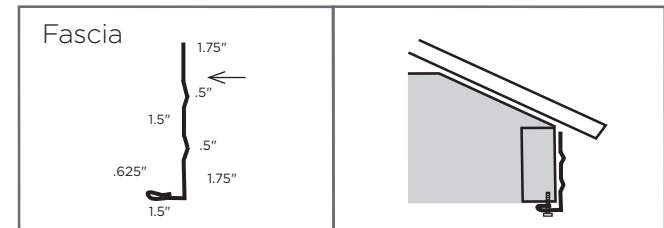
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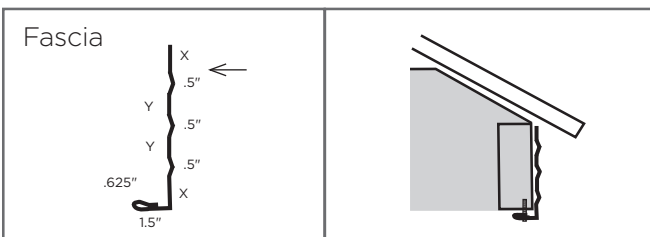
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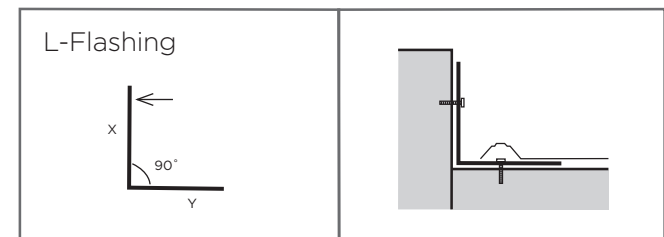


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MEFAS6



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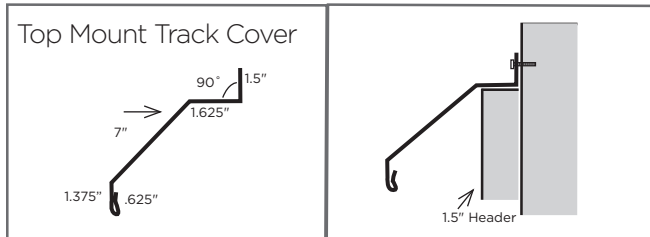


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## Standard Trim Illustrations continued

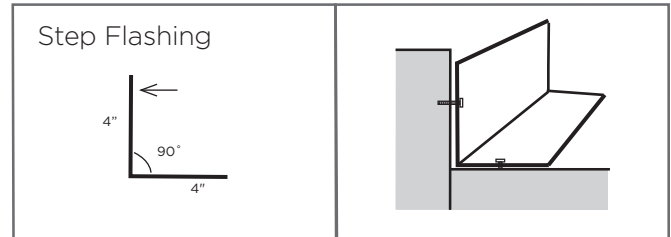
29 Gauge - Hi-Tensile

→ = Painted Side



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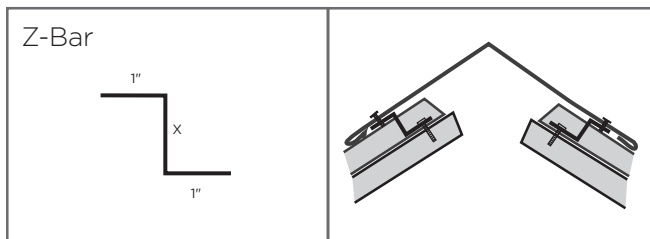
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MESF2

\*9" Long

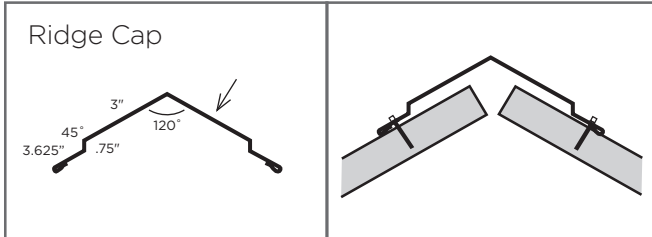


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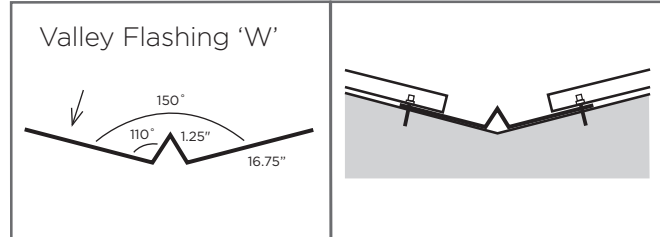
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26 Gauge

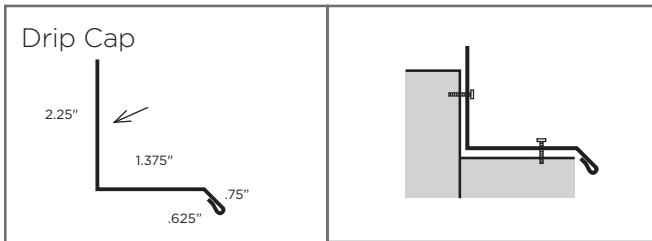
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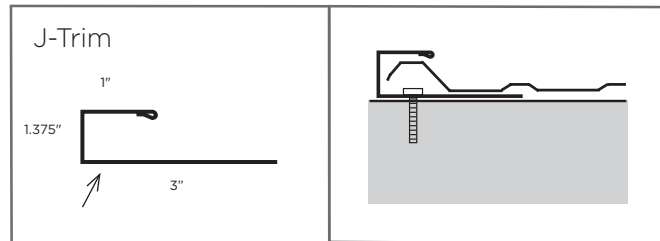
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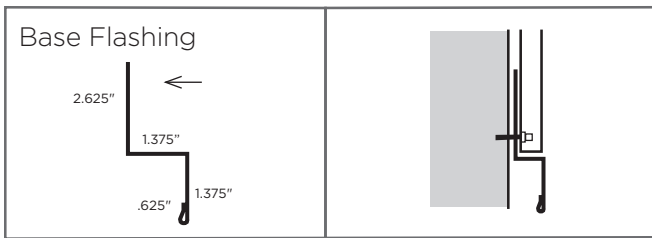
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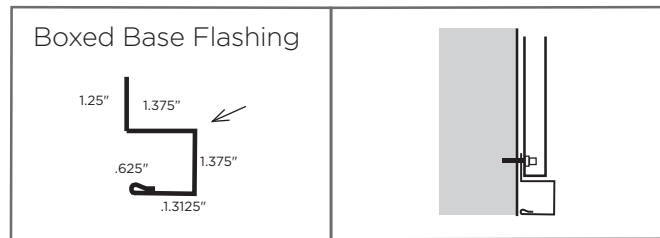
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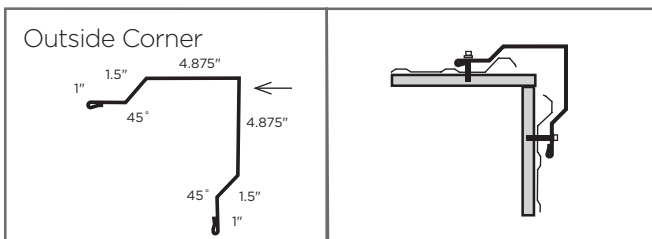
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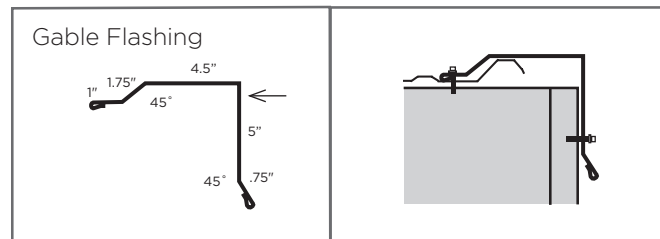
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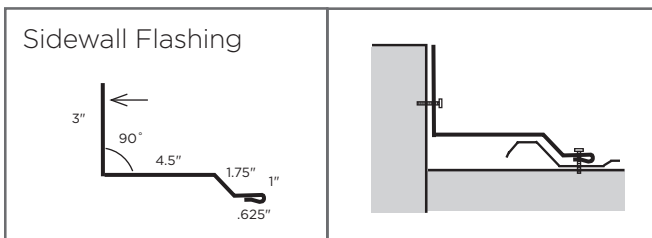
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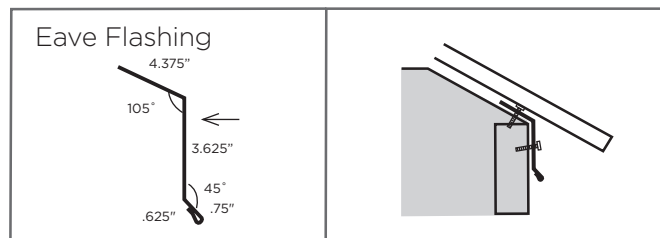
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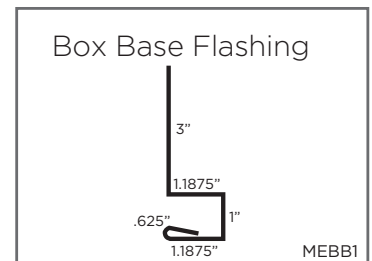
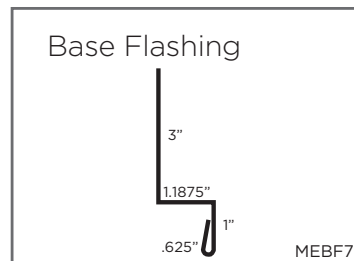
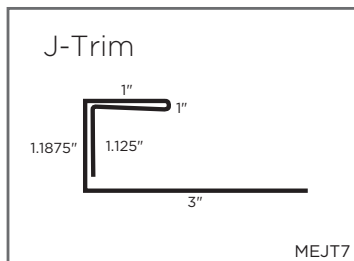
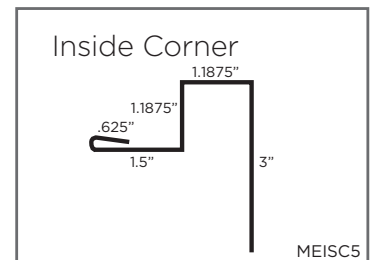
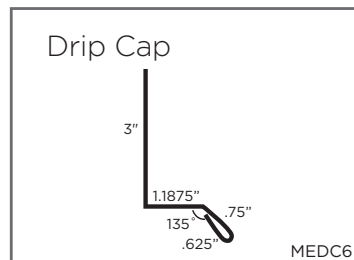
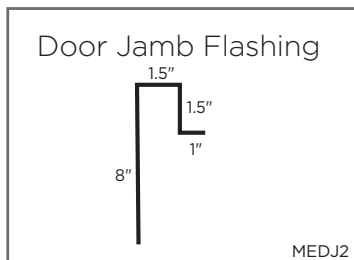
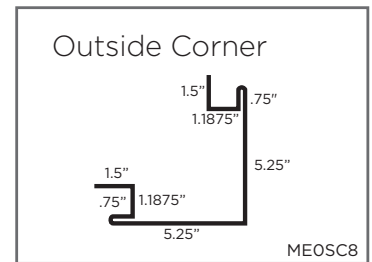
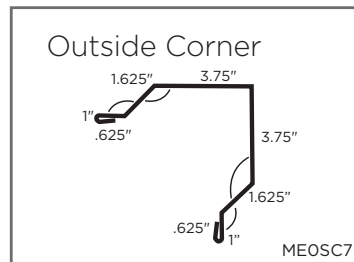
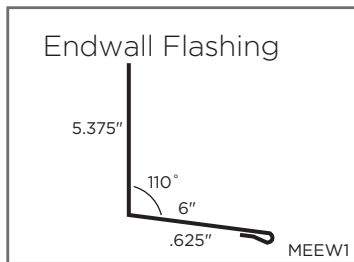
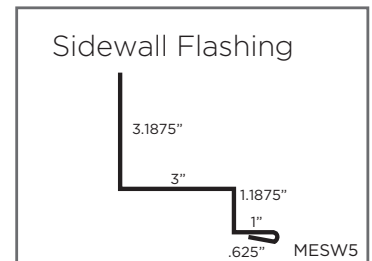
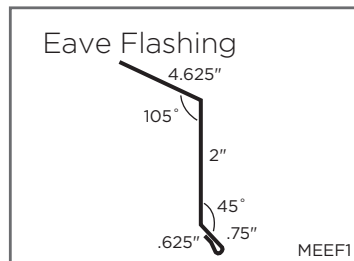
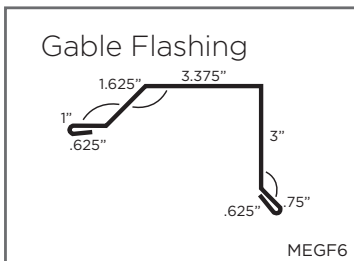
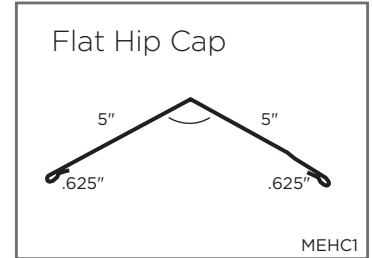
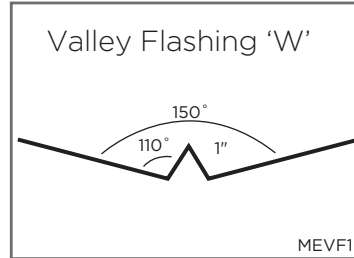
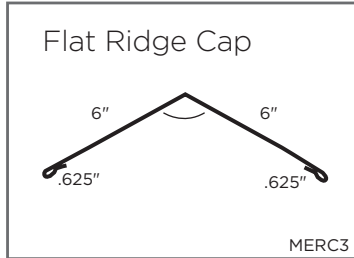


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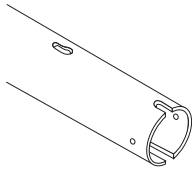
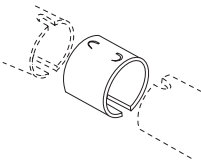
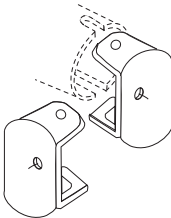
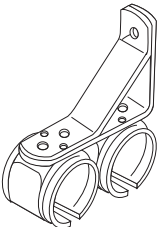
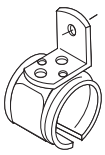
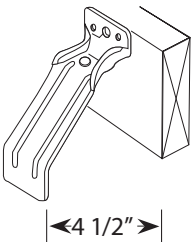


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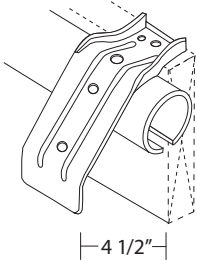
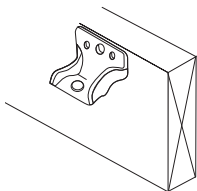
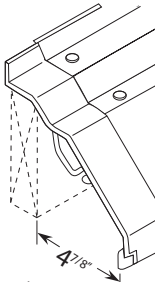
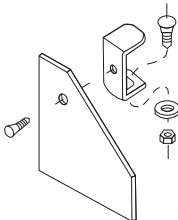
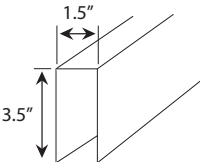
# HYBRID 35<sup>®</sup> Trim Illustrations



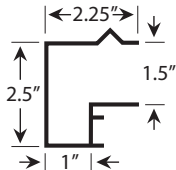
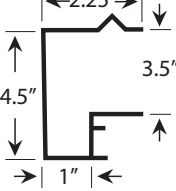
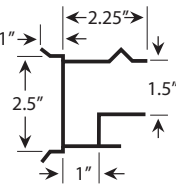
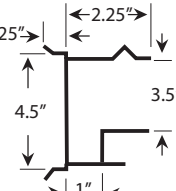
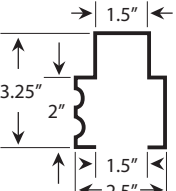
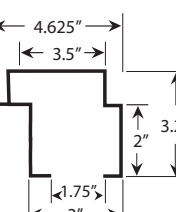
## Cannonball Illustrations & Info

Part #		Description	Unit
KHTRACK8 - 8' KHTRACK10 - 10' KHTRACK12 - 12'		<b>KEY-HOLE TRACK</b> - 14 Gauge Galvanized track. Patented key-hole design makes this track the most versatile of the track systems. Key holes are punched every two feet for mounting brackets.  (See Sec 3 pg 7 for Top Mount Track cover)	Ea
465101		<b>SPLICE COLLAR</b> - Galvanized with locking lugs to hold track firmly in place and keep rotating. One required for each section of track less one.	Ea
711489		<b>Round Track End Caps</b> - Attach to the open ends of track, preventing birds from nesting as well as dirt and debris build-up. NOTE: End Caps cannot be used as door stops.	Pair
646801		<b>UNIVERSAL DOUBLE SIDE BRACKET</b> - Zinc plated. For mounting two parallel runs of track. Usually used for bypassing doors.  Place 1 to start, then place 1 every 2 feet.	Ea
646505		<b>UNIVERSAL SIDE BRACKET</b> - Zinc plated for use when mounting a single run of track. Install with 0.375" X 1.5" lag bolts.	Ea
646513		<b>FACE-MOUNT BRACKET</b> (For Track and Cover) - Use on doors up to 3.75" thick. May be used on 1" and 2" track plank. Galvanized. <b>Use with 1" and 2" track plank.</b>	Ea

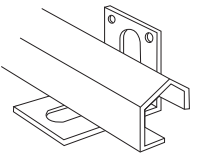
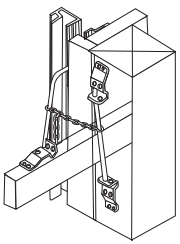
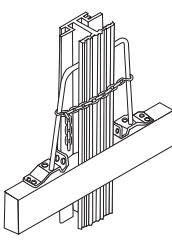
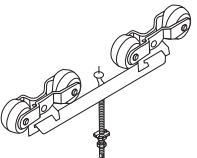
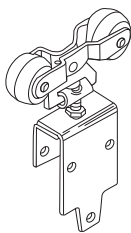
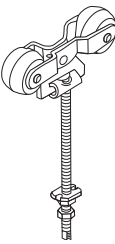
## Cannonball Illustrations & Info continued

Part #		Description	Unit
646519		<b>TOP MOUNT KEY-HOLE BRACKET</b> (For Track and Cover) - Use on doors up to 3.75" thick. Galvanized. <b>Use with 2" track plank only.</b>	Ea
646512		<b>FACE-MOUNT BRACKETS</b> (For Track only) - Galvanized brackets. <b>Use on 1" and 2" track plank.</b>	Ea
QTRACK8 - 8' QTRACK10 - 10' QTRACK12 - 12' QTRACK16 - 16' QTRACK20 - 20'		<b>QUICK-TRACK</b> - Top Mounted 14 Gauge Galvanized track with heavy 18 Gauge white cover designed to give weather protection for doors up to 7.5" thick. Mounting holes every 4".	Ea
711205		<b>QUICK-TRACK END TRIM</b> - White end cover trim package One pair required for each track run. Package includes one pair with screws and end caps in a plastic bag.	Ea
235SG10 - 10' 235SG12 - 12' 235SG14 - 14' 235SG16 - 16' 235SG18 - 18' 235SG20 - 20'		<b>STEEL GIRTS</b> (20 Gauge) Used in place of wood for horizontal girts to help eliminate warping of door panels. (Weight is 1.3 lbs/lft.)	Ea

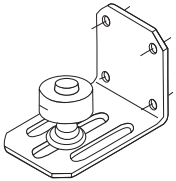
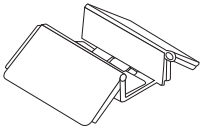
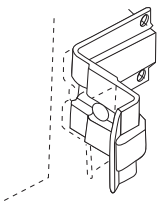
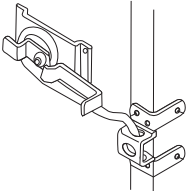
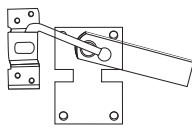
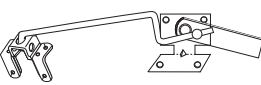

# Cannonball Illustrations & Info continued

Part #		Description	Unit
200VSR8 - 8' 200VSR10 - 10' 200VSR12 - 12' 200VSR14 - 14' 200VSR16 - 16' 200VSR18 - 18'		<b>#200 VERTICAL SIDE RAILS</b> White side rails, self-trimming with built-in J-channel. (Weight is .76 lbs/lft.)	Ea
391BFVSR14 - 14' 391BFVSR16 - 16' 391BFVSR18 - 18' 391BFVSR20 - 20'		<b>#391 BIGG-FRAME VERTICALS RAILS</b> White side rails, self-trimming with built in J-channel. Used in Bigg Frame applications. (Weight is .94 lbs/lft.)	Ea
216DC10 - 10' 216DC12 - 12' 216DC14 - 14' 216DC16 - 16' 216DC18 - 18'		<b>#216 DOUBLE COUPLE</b> Use in bi-parting doors, replace 1 vertical (#200) side rail where sliding doors meet. Comes with closure eliminating the gap between doors and is self-trimming with built-in J-channel. (Weight is .93 lbs/lft.)	Ea
396BFDC16 - 16' 396BFDC18 - 18' 396BFDC20 - 20'		<b>#396 BIGG-FRAME DOUBLE COUPLE</b> Use in bi-parting doors, replace 1 vertical (#200) side rail where sliding doors meet. Comes with closure eliminating the gap between doors and is self-trimming with built-in J-channel. Used in Bigg Frame applications. (Weight is 1.02 lbs/lft.)	Ea
244BR8 - 8' 244BR10 - 10' 244BR12 - 12' 244BR14 - 14' 244BR16 - 16' 244BR20 - 20'		<b>#244 BOTTOM RAIL</b> Provides a channel for continuous bottom guide while eliminating wood bottom rail. (Weight is 1 lbs/lft.)	Ea
394BFBR12 - 12' 394BFBR14 - 14' 394BFBR16 - 16' 394BFBR18 - 18' 394BFBR20 - 20'		<b>#394 BIGG-FRAME BOTTOM RAIL</b> Allows use of continuous bottom guide while eliminating wood bottom rail. Used in Bigg Frame applications. (Weight is 1.21 lbs/lft.)	Ea

## Cannonball Illustrations & Info continued

Part #		Description	Unit
724575		<b>STAYGUIDE II - Continuous Door Bottom Guide System</b> , use with #244 & #394 Bottom Rails. Brackets and Hardware included for easy installation. Use length closest to 60% of the door panel width.	Ea
711201		<b>DOOR SIDE SNUGGER</b> - The chain sliding down the diverging rods draws the door tight to the door jamb giving excellent protection from wind damage and helps to eliminate door rattle. <b>Can be used with either wood or metal horizontals.</b> Packaged in a plastic bag with mounting brackets and installation instructions. Two required per opening.	Ea
711200		<b>DOOR CENTRE SNUGGER</b> - When used in conjunction with the centre stop and hold down, the bottom horizontals are locked over the centre hold-down giving maximum protection against doors lifting out of the guide. <b>Can be used with either wood or metal horizontals.</b> One required for each double door leaf door. Packaged in a plastic bag with installation instructions. (714151 13" latch rod).	Ea
714420		<b>DELRIN DOUBLE TRUCK TROLLEY HANGER ASSEMBLY</b> - For use on doors up to 1200 lbs. with track brackets spaced 12" on-center. One pair per door. <b>Included: 9.5" bolts and big frame plate.</b>	Pair
714496		<b>DELRIN ADJUSTABLE TROLLEY HANGER ASSEMBLY</b> - With galvanized mounting plates. Recommended for solid wood doors up to 1.8125" in thickness. Packaged two trolleys per box with fasteners and adjusting wrench. For use on doors up to 450 lbs.	Pair
714497		<b>9.5" DELRIN 4-WAY ADJUSTABLE OFFSET TROLLEY HANGER ASSEMBLY</b> - "PENDANT BOLT" patented design allows doors to be adjusted up and down or moved in or out to eliminate door rub from inside of building. Use on wood or metal door frames. Packaged two trolleys per box. For use on doors up to 600 lbs.	Pair

## Cannonball Illustrations & Info continued

Part #		Description	Unit
710806		<b>OFFSET/ADJUSTABLE STAY ROLLERS</b> - Designed to allow 3-way adjustability to better hold doors close to building for protection against wind damage. Adjusts door from 0.3125" to 3.625". Mounting holes are counter sunk to protect the door finish. Heavy 8 Gauge zinc plated back with a 2" diameter non-marring Dupont roller. Can be inverted for anchoring in concrete.	Ea
711271		<b>CENTRE DOOR GUIDE &amp; STOP PACKAGE</b> - Package contains 2 - 710950 and 1 - Centre stop package.	Ea
710899		<b>WHITE ADJUST-A-STOP</b> - Adjustable for doors 2.75" to 4.25" in thickness. Recessed bolt head protects door finish. Lag bolts recommended for mounting heavy 10 Gauge zinc plated and vinyl coated steel.	Ea
711504		<b>CAM LATCH</b> - One handed operation. Raise lever to open, push down on latch. Pulls down securely against the jamb to stop wind from rattling and damaging the door. Can be reversed by removing the centre screw and turning hook around. Zinc plated steel.	Ea
728106		<b>7" JAMB LATCH</b> - An adjustable jamb latch, Cannonball quality for smooth, even finish and heavy-duty operation.	Ea
714380		<b>Center Latch</b> is ideal for use between two door panels.	Ea
710654		<b>JUMBO WHITE DOOR PULL</b> - Vinyl coated heavy Gauge steel for beauty and weather protection.	Ea

# Cannonball - Single Wide Door Requirements

Based on Quick Track Door system, for Keyhole or Bigg-Frame requirements see Sec 4 Pg 12.

## 10' Single Wide Door

Part #	Description	10' x 10'	10' x 12'	10' x 14'	10' x 16'	10' x 18'
200VSR*	#200 Vertical Side Rail	2	2	2	2	2
244BR10	10' #244 Bottom Rail	1	1	1	1	1
235SG10	10' #235 Steel Girt	5	6	7	8	9
QTRACK10	10' Quick-Track	2	2	2	2	2
465101	Splice Collar	1	1	1	1	1
711205	Quick Track End Trim / pr.	1	1	1	1	1
714497	9.5" Delrin 4-Way Adjustable Trolley	1	1	1	1	1
711201	Door Side Snugger	1	1	1	1	1
724575	Stay Guide II - 8'	1	1	1	1	1
710654	Jumbo White Door Pull	1	1	1	1	1
710899	Adjustable A-Stop White	1	1	1	1	1
MPS1GA	#10 x 1" Self Driller Pancake Screws (Bag)	1	1	1	1	1

## 12' Single Wide Door

Part #	Description	12' x 10'	12' x 12'	12' x 14'	12' x 16'	12' x 18'
200VSR*	#200 Vertical Side Rail	2	2	2	2	2
244BR12	12' #244 Bottom Rail	1	1	1	1	1
235SG12	12' #235 Steel Girt	5	6	7	8	9
QTRACK12	12' Quick-Track	2	2	2	2	2
465101	Splice Collar	1	1	1	1	1
711205	Quick Track End Trim / pr.	1	1	1	1	1
714497	9.5" Delrin 4-Way Adjustable Trolley	1	1	1	1	1
711201	Door Side Snugger	1	1	1	1	1
724575	Stay Guide II- 8'	1	1	1	1	1
710654	Jumbo White Door Pull	1	1	1	1	1
710899	Adjustable A-Stop White	1	1	1	1	1
MPS1GA	#10 x 1" Self Driller Pancake Screws (Bag)	1	1	1	1	1

\* Add height of door to end of SKU ie. 200VSR10 or 200VSR16

## Cannonball - Single Wide Door Requirements

Based on Quick Track Door system, for Keyhole or Bigg-Frame requirements see Sec 4 Pg 12.

### 14' Single Wide Door

Part #	Description	14' x 10'	14' x 12'	14' x 14'	14' x 16'	14' x 18'
200VSR*	#200 Vertical Side Rail	2	2	2	2	2
244BR14	14' #244 Bottom Rail	1	1	1	1	1
235SG14	14' #235 Steel Girt	5	6	7	8	9
QTRACK8	8' Quick-Track	1	1	1	1	1
QTRACK10	10' Quick-Track	2	2	2	2	2
465101	Splice Collar	2	2	2	2	2
711205	Quick Track End Trim / pr.	1	1	1	1	1
714497	9.5" Delrin 4-Way Adjustable Trolley	1	1	1	1	1
711201	Door Side Snugger	1	1	1	1	1
724575	Stay Guide II - 8'	1	1	1	1	1
710654	Jumbo White Door Pull	1	1	1	1	1
710899	Adjustable A-Stop White	1	1	1	1	1
MPS1GA	#10 x 1" Self Driller Pancake Screws (Bag)	1	1	1	1	1

### 16' Single Wide Door

Part #	Description	16' x 10'	16' x 12'	16' x 14'	16' x 16'	16' x 18'
200VSR*	#200 Vertical Side Rail	2	2	2	2	2
244BR16	16' #244 Bottom Rail	1	1	1	1	1
235SG16	16' #235 Steel Girt	5	6	7	8	9
QTRACK10	10' Quick-Track	2	2	2	2	2
QTRACK12	12' Quick-Track	1	1	1	1	1
465101	Splice Collar	2	2	2	2	2
711205	Quick Track End Trim / pr.	1	1	1	1	1
714497	9.5" Delrin 4-Way Adjustable Trolley	1	1	1	1	1
711504	Cam Latch	1	1	1	1	1
724575	Stay Guide II - 8'	2	2	2	2	2
710654	Jumbo White Door Pull	1	1	1	1	1
710899	Adjustable A-Stop White	1	1	1	1	1
MPS1GA	#10 x 1" Self Driller Pancake Screws (Bag)	1	1	1	1	1

\* Add height of door to end of SKU ie. 200VSR10 or 200VSR16

## Cannonball - Bi-Parting Door Requirements

Based on Quick Track Door system, for Keyhole or Bigg-Frame requirements see Sec 4 Pg 12.

### 16' Bi-Parting Doors

Part #	Description	16' x 10'	16' x 12'	16' x 14'	16' x 16'	16' x 18'
200VSR*	#200 Vertical Side Rail	3	3	3	3	3
216DC*	#216 Double Couple	1	1	1	1	1
244BR16	16' #244 Bottom Rail	1	1	1	1	1
235SG16	16' #235 Steel Girt	5	6	7	8	9
QTRACK10	10' Quick-Track	2	2	2	2	2
QTRACK12	12' Quick-Track	1	1	1	1	1
465101	Splice Collar	2	2	2	2	2
711205	Quick Track End Trim / pr.	1	1	1	1	1
714497	9.5" Delrin 4-Way Adjustable Trolley	2	2	2	2	2
711200	Door Centre Snugger	1	1	1	1	1
711201	Door Side Snugger	2	2	2	2	2
724575	Stay Guide II - 8'	2	2	2	2	2
710654	Jumbo White Door Pull	2	2	2	2	2
MPS1GA	#10 x 1" Self Driller Pancake Screws (Bag)	1	1	1	1	1

### 18' Bi-Parting Doors

Part #	Description	18' x 10'	18' x 12'	18' x 14'	18' x 16'	18' x 18'
200VSR*	#200 Vertical Side Rail	3	3	3	3	3
216DC*	#216 Double Couple	1	1	1	1	1
244BR10	10' #244 Bottom Rail	2	2	2	2	2
235SG10	10' #235 Steel Girt	10	12	14	16	18
QTRACK12	12' Quick-Track	3	3	3	3	3
465101	Splice Collar	2	2	2	2	2
711205	Quick Track End Trim / pr.	1	1	1	1	1
714497	9.5" Delrin 4-Way Adjustable Trolley	2	2	2	2	2
711200	Door Centre Snugger	1	1	1	1	1
711201	Door Side Snugger	2	2	2	2	2
724575	Stay Guide II - 8'	2	2	2	2	2
710654	Jumbo White Door Pull	2	2	2	2	2
MPS1GA	#10 x 1" Self Driller Pancake Screws (Bag)	2	2	2	2	2

\* Add height of door to end of SKU ie. 200VSR10 or 216DC16

# Cannonball - Bi-Parting Door Requirements

Based on Quick Track Door system, for Keyhole or Bigg-Frame requirements see Sec 4 Pg 12.

## 20' Bi-Parting Doors

Part #	Description	20' x 10'	20' x 12'	20' x 14'	20' x 16'	20' x 18'
200VSR*	#200 Vertical Side Rail	3	3	3	3	3
216DC*	#216 Double Couple	1	1	1	1	1
244BR10	10' #244 Bottom Rail	2	2	2	2	2
235SG10	10' #235 Steel Girt	10	12	14	16	18
QTRACK10	10' Quick-Track	4	4	4	4	4
465101	Splice Collar	3	3	3	3	3
711205	Quick Track End Trim / pr.	1	1	1	1	1
714497	9.5" Delrin 4-Way Adjustable Trolley	2	2	2	2	2
711200	Door Centre Snugger	1	1	1	1	1
711201	Door Side Snugger	2	2	2	2	2
724575	Stay Guide II - 8'	2	2	2	2	2
710654	Jumbo White Door Pull	2	2	2	2	2
MPS1GA	#10 x 1" Self Driller Pancake Screws (Bag)	2	2	2	2	2

## 22' Bi-Parting Doors

Part #	Description	22' x 10'	22' x 12'	22' x 14'	22' x 16'	22' x 18'
200VSR*	#200 Vertical Side Rail	3	3	3	3	3
216DC*	#216 Double Couple	1	1	1	1	1
244BR12	12' #244 Bottom Rail	2	2	2	2	2
235SG12	12' #235 Steel Girt	10	12	14	16	18
QTRACK8	8' Quick-Track	1	1	1	1	1
QTRACK12	12' Quick-Track	3	3	3	3	3
465101	Splice Collar	3	3	3	3	3
711205	Quick Track End Trim / pr.	1	1	1	1	1
714497	9.5" Delrin 4-Way Adjustable Trolley	2	2	2	2	2
711200	Door Centre Snugger	1	1	1	1	1
711201	Door Side Snugger	2	2	2	2	2
724575	Stay Guide II - 8'	2	2	2	2	2
710654	Jumbo White Door Pull	2	2	2	2	2
MPS1GA	#10 x 1" Self Driller Pancake Screws (Bag)	2	2	2	2	2

\* Add height of door to end of SKU ie. 200VSR10 or 216DC16

## Cannonball - Bi-Parting Door Requirements

Based on Quick Track Door system, for Keyhole or Bigg-Frame requirements see Sec 4 Pg 12.

### 24' Bi-Parting Doors

Part #	Description	24' x 10'	24' x 12'	24' x 14'	24' x 16'	24' x 18'
200VSR*	#200 Vertical Side Rail	3	3	3	3	3
216DC*	#216 Double Couple	1	1	1	1	1
244BR12	12' #244 Bottom Rail	2	2	2	2	2
235SG12	12' #235 Steel Girt	10	12	14	16	18
QTRACK12	12' Quick-Track	4	4	4	4	4
465101	Splice Collar	3	3	3	3	3
711205	Quick Track End Trim / pr.	1	1	1	1	1
714497	9.5" Delrin 4-Way Adjustable Trolley	2	2	2	2	2
711200	Door Centre Snugger	1	1	1	1	1
711201	Door Side Snugger	2	2	2	2	2
724575	Stay Guide II - 8'	2	2	2	2	2
710654	Jumbo White Door Pull	2	2	2	2	2
MPS1GA	#10 x 1" Self Driller Pancake Screws (Bag)	2	2	2	2	2

### 26' Bi-Parting Doors

Part #	Description	26' x 10'	26' x 12'	26' x 14'	26' x 16'	26' x 18'
200VSR*	#200 Vertical Side Rail	3	3	3	3	3
216DC*	#216 Double Couple	1	1	1	1	1
244BR14	14' #244 Bottom Rail	2	2	2	2	2
235SG14	14' #235 Steel Girt	10	12	14	16	18
QTRACK8	8' Quick-Track	2	2	2	2	2
QTRACK12	12' Quick-Track	3	3	3	3	3
465101	Splice Collar	4	4	4	4	4
711205	Quick Track End Trim / pr.	1	1	1	1	1
714497	9.5" Delrin 4-Way Adjustable Trolley	2	2	2	2	2
711200	Door Centre Snugger	1	1	1	1	1
711201	Door Side Snugger	2	2	2	2	2
724575	Stay Guide II - 8'	2	2	2	2	2
710654	Jumbo White Door Pull	2	2	2	2	2
MPS1GA	#10 x 1" Self Driller Pancake Screws (Bag)	2	2	2	2	2

\* Add height of door to end of SKU ie. 200VSR10 or 216DC16

## Cannonball - Bi-Parting Door Requirements

Based on Quick Track Door system, for Keyhole or Bigg-Frame requirements see Sec 4 Pg 12.

### 28' Bi-Parting Doors

Part #	Description	28' x 10'	28' x 12'	28' x 14'	28' x 16'	28' x 18'
200VSR*	#200 Vertical Side Rail	3	3	3	3	3
216DC*	#216 Double Couple	1	1	1	1	1
244BR14	14' #244 Bottom Rail	2	2	2	2	2
235SG14	14' #235 Steel Girt	10	12	14	16	18
QTRACK10	10' Quick-Track	2	2	2	2	2
QTRACK12	12' Quick-Track	3	3	3	3	3
465101	Splice Collar	4	4	4	4	4
711205	Quick Track End Trim / pr.	1	1	1	1	1
714497	9.5" Delrin 4-Way Adjustable Trolley	2	2	2	2	2
711200	Door Centre Snugger	1	1	1	1	1
711201	Door Side Snugger	2	2	2	2	2
724575	Stay Guide II - 8'	3	3	3	3	3
710654	Jumbo White Door Pull	2	2	2	2	2
MPS1GA	#10 x 1" Self Driller Pancake Screws (Bag)	2	2	2	2	2

### 30' Bi-Parting Doors

Part #	Description	30' x 10'	30' x 12'	30' x 14'	30' x 16'	30' x 18'
200VSR*	#200 Vertical Side Rail	3	3	3	3	3
216DC*	#216 Double Couple	1	1	1	1	1
244BR16	16' #244 Bottom Rail	2	2	2	2	2
235SG16	16' #235 Steel Girt	10	12	14	16	18
QTRACK12	12' Quick-Track	5	5	5	5	5
465101	Splice Collar	4	4	4	4	4
711205	Quick Track End Trim / pr.	1	1	1	1	1
714497	9.5" Delrin 4-Way Adjustable Trolley	2	2	2	2	2
711200	Door Centre Snugger	1	1	1	1	1
711201	Door Side Snugger	2	2	2	2	2
724575	Stay Guide II - 8'	3	3	3	3	3
710654	Jumbo White Door Pull	2	2	2	2	2
MPS1GA	#10 x 1" Self Driller Pancake Screws (Bag)	2	2	2	2	2

\* Add height of door to end of SKU ie. 200VSR10 or 216DC16

# Cannonball - Bi-Parting Door Requirements

Based on Quick Track Door system, for Keyhole or Bigg-Frame requirements see Sec 4 Pg 12.

## 32' Bi-Parting Doors

Part #	Description	32' x 10'	32' x 12'	32' x 14'	32' x 16'	32' x 18'
200VSR*	#200 Vertical Side Rail	3	3	3	3	3
216DC*	#216 Double Couple	1	1	1	1	1
244BR16	16' #244 Bottom Rail	2	2	2	2	2
235SG16	16' #235 Steel Girt	10	12	14	16	18
QTRACK8	8' Quick-Track	2	2	2	2	2
QTRACK12	12' Quick-Track	4	4	4	4	4
465101	Splice Collar	5	5	5	5	5
711205	Quick Track End Trim / pr.	1	1	1	1	1
714497	9.5" Delrin 4-Way Adjustable Trolley	2	2	2	2	2
711200	Door Centre Snugger	1	1	1	1	1
711201	Door Side Snugger	2	2	2	2	2
724575	Stay Guide II - 8'	3	3	3	3	3
710654	Jumbo White Door Pull	2	2	2	2	2
MPS1GA	#10 x 1" Self Driller Pancake Screws (Bag)	2	2	2	2	2

\* Add height of door to end of SKU i.e. 200VSR10 or 216DC16

## Keyhole Door System

Find the required Single or Bi-Parting Door Size on the above tables and using the same quantities substitute part numbers as follows:

Quick-Track		Key-Hole Track	
Part #	Description	Part #	Description
QTRACK8	8' Quick-Track	KHTRACK8	8' Key-Hole Track
QTRACK10	10' Quick-Track	KHTRACK10	10' Key-Hole Track
QTRACK12	12' Quick-Track	KHTRACK12	12' Key-Hole Track
711205	Quick Track End Trim / pr.	Not required for this system	

Add the following parts:

Part #	Description	Qty
<b>No Cover</b>		
646512	Face-Mount Bracket - For Track Only	1 pc for every 2' of Track
<b>Cover Required</b>		
646513	Face-Mount Bracket - For Track & Cover	1 pc for every 2' of Track
METMTC*	Top-Mount Track Cover	1 pc for every 10' of Track

\* Denote what colour, see Colour Chart Sec 2: Pg 19






## Bigg-Frame - For doors up to 20' Wide by 20' High

Where a larger/heavier door is required, substitute the equivalent length and quantities of part numbers as follows:

Quick-Track		Bigg-Frame	
Part #	Description	Part #	Description
200VSR	#200 Vertical Side Rail	391BFVSR	#391 Bigg-Frame Vertical Rail
244BR	#244 Bottom Rail	394BFBR	#394 Bigg-Frame Bottom Rail
216DC	#216 Double Couple (Bi-Parting Doors only)	396BFDC	#396 BF Double Couple (Bi-Parting Doors only)

# Fasteners













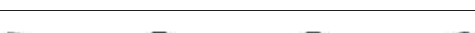







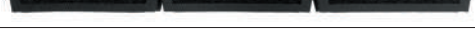

## { FASTENERS }

Part #		Description	Unit
Metal to Metal – c/w Bonded Neoprene Washers Self Drilling Tek's (250/bag) Call for Availability			
M112		#12 X 1" (5/16" Head)	bag
M11212		#12 X 1 1/2" (5/16" Head)	bag
M114		#14 X 1" (3/8" Head)	bag
Metal to Wood – c/w Bonded Neoprene Washers (250/bag)			
W11210		#10 X 1 1/2" (1/4" Head)	bag
W114		#14 X 1 1/4" (3/8" Head)	bag
W2		#14 X 2" (3/8" Head)	bag
Pancake Head Screws (250/bag)			
WPS1GA		#10 x 1" (Metal to Wood)	bag
MPS1GA		#10 x 1" (Metal to Metal - Self Driller)	bag
Stitch Screws – c/w Bonded Neoprene Washers (250/bag) (product may be substituted where availability becomes an issue)			
W3412		#12 X 3/4" (5/16" Head)	bag

Please note: using an impact style screw gun to install fasteners voids the warranty.

## Closures & Sealants

### ( CLOSURES & SEALANTS )

Part #		Description	Unit
<b>Foam Closures and Sealant Tapes</b>			
HBCL		HYBRID 35 <sup>®</sup> Large (outside - 35")	ea
HBCS		HYBRID 35 <sup>®</sup> Small (inside - 35")	ea
HBCLV		HYBRID 35 <sup>®</sup> Vented (outside - 35")	ea
TRCL		TR-936 <sup>®</sup> Large (outside - 36")	ea
TRCS		TR-936 <sup>®</sup> Small (inside - 36")	ea
TRCLV		TR-936 <sup>®</sup> Vented (outside - 36")	ea
PRCL		PR-936 <sup>®</sup> Large (outside - 36")	ea
PRCS		PR-936 <sup>®</sup> Small (inside - 36")	ea
PRCLV		PR-936 <sup>®</sup> Vented (outside - 36")	ea
LRCL		LR-936 <sup>®</sup> Large (outside - 36")	ea
LRCS		LR-936 <sup>®</sup> Small (inside - 36")	ea
PBRCL		PBR-1236 <sup>®</sup> Large (outside - 36")	ea
PBRCS		PBR-1236 <sup>®</sup> Small (inside - 36")	ea
PBRCLV		PBR-1236 <sup>®</sup> Vented (outside - 36")	ea
STC112		SNAP-TITE <sup>®</sup> 12" (outside - 36")	ea
STC112V		SNAP-TITE <sup>®</sup> 12" Vented (outside - 36")	ea
STC116		SNAP-TITE <sup>®</sup> 16" (outside - 32")	ea
STC116V		SNAP-TITE <sup>®</sup> 16" Vented (outside - 32")	ea
STC1512		SNAP-TITE <sup>®</sup> 1.5 12" (outside - 36")	ea
STC1512V		SNAP-TITE <sup>®</sup> 1.5 12" Vented (outside - 36")	ea
STC1516		SNAP-TITE <sup>®</sup> 1.5 16" (outside - 32")	ea
STC1516V		SNAP-TITE <sup>®</sup> 1.5 16" Vented (outside - 32")	ea

## Closures & Sealants continued

### ( CLOSURES & SEALANTS )

Part #		Description	Unit
FLEXOVENT		1-1/2" X 3" X 10' roll (2 rolls per ctn)	ctn
TRFPV50		TR-936 <sup>®</sup> Flexpro Vent 50' 2" x 7/8"	ctn
RCC		Ridge Cap Foam End Closure (1" x 6")	ea
TCA		Tab Foam Closure Acrylic (1/4" x 1" x 19.68' - Expands to 1" x 1")	roll
TCA15		Tab Foam Closure Acrylic (3/8" x 1" x 13.12' - Expands to 1.5" x 1")	roll
TCU		Universal Tab Closure (1" X 1" X 50')	roll
TCU15		Universal Tab Closure (1.5" X 1.5" X 25')	roll
TCU1510		Universal Tab Closure (1.5" X 1.5" X 10')	roll
BUTYL		Butyl Tape Sealant (3/32" x 3/8" x 45')	roll
BUTYL1		Butyl Tape Sealant (1" x 45')	roll
SUREBOND		Surebond Adhesive for Snow Guard (2000 PSI)	ea
TB		Weather-Tite Metal Roofing Sealant (300ml cartridge)	ea

## Roof Boots, Tools & Accessories

### ( ROOF BOOTS, TOOLS & ACCESSORIES )

Roof Boots		Description	
DT1		#1 1/4" - 2 1/2" Pipe	ea
DT2		#2 1 3/4" - 3 1/4" Pipe	ea
DT3		#3 1/4" - 5" Pipe	ea
DT4		#4 3" - 6 1/4" Pipe	ea
DT5		#5 4 1/4" - 7 1/2" Pipe	ea
DT6		#6 5" - 9" Pipe	ea
DT7		#7 6" - 11" Pipe	ea
DT8		#8 7" - 13" Pipe	ea
DT9		#9 10" - 19" Pipe	ea
DT5SHT		#5 4 1/4" - 7 1/2" Pipe Silicone High-Temp	ea
DT6SHT		#6 5" - 9" Pipe Silicone High-Temp	ea
DT7SHT		#7 6" - 11" Pipe Silicone High-Temp	ea
DT8SHT		#8 7" - 13" Pipe Silicone High-Temp	ea
DTRF1		#101 Retro Fit 3/4" - 2 3/4" Pipe	ea
DTRF2		#201 Retro Fit 2" - 7 1/4" Pipe	ea
DTRF3		#301 Retro Fit 3 1/4" - 10" Pipe	ea
DTSSB		Steep Slope 1/4" - 5 3/4" Black (35 - 65 degree angle)	ea
DSF910		Dekstrip Flashing 9" x 10' (Temperatures up to 120°C/248°F)	ea

## Tools & Accessories continued

### ( TOOLS & ACCESSORIES )

Part #		Description	Unit
Heavy Duty Steel Frame Door			
DS3068TBE		3' x 6'8" TBE Walk Door - Thermal Break Door & Frame Note: Special order item only	ea
DS4068TBE		4' x 6'8" TBE Walk Door - Thermal Break Door & Frame Note: Special order item only	ea
Magnetic Nut Setters			
NS14		1/4" for #10 screws	ea
NS516		5/16" for Stitch Screws	ea
NS38		3/8" for #14 screws	ea
Metal Cut Off Wheel			
6502264		Dewalt Type 1 (7" X 1/8" X 5/8")	ea
Snow Guards			
SNOBLOX		Snoblox Deuce (1-1/2"W X 4"L X 2.5"H)	ea
Touch-up Paint			
TUP8*		Touchup Paint - 1/2 Pint Can (8FL OZ) Note: *Denote colour when ordering	ea
Underlayment			
RSUAD		Roofnado AnchorDeck™ Synthetic Underlay (42"x 286')	roll
PSUHT		Roofnado LapLock™ PSU-HT (36" x 67' Self-Adhesive)	roll

THE ALL NEW  
**HYBRID 35**<sup>®</sup>  
METAL PANEL



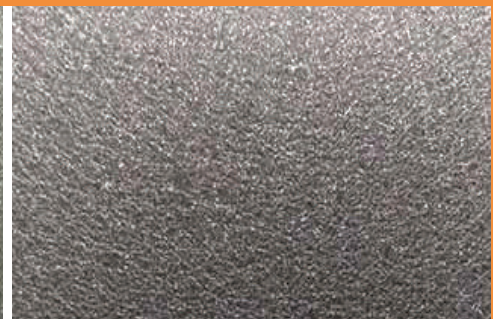
LOOKS LIKE A HIDDEN FASTENER PANEL WITHOUT THE COST!



DARK GRAPHITE



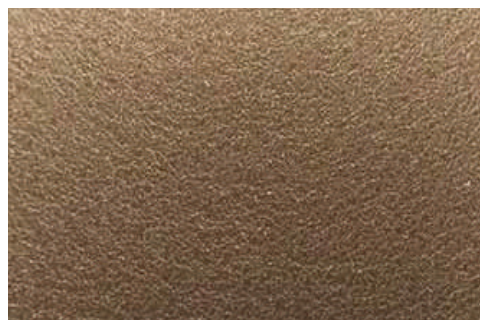
CARBON



IRON ORE



BLACK ONYX



BURNISHED SLATE



DARK BROWN

**29 GAUGE TEXTURED FINISHES**  
{ The Perfect Choice for Hybrid 35 }

