Ultra Panel ~ Hi-Rib ~ Wide-Rib™ ~ GR-7™ ~ HR-34™ ~ 4-V ~ PBR ~ Marion "R" Panel™ ~ 2.5" Corrugated & Classic 7/8" Corrugated™
Table of Contents

Introduction ........................................... 1
Notes To Designer/Installer ....................... 2-4
Taylor Delivery Fleet ............................. 5
Delivery & Will Call/Loading ..................... 6
Tools/Equipment .................................... 7
Fasteners .......................................... 8-9
Panel Profile Chart .................................. 10
Flashing Applications ................................ 11-27

Flashing Selections:
Ultra-Rib, Hi-Rib, Wide-Rib™, GR-7™, 4-V ............. 28-34
PBR, Marion "R" Panel™ ........................... 35-39
2.5" Corrugated ...................................... 40-45
Classic 7/8" Corrugated™ ......................... 46-49
HR-34™ ............................................. 50-53

Accessories ........................................ 54-57

Flashing Applications:
Hip/Ridge Detail ....................................... 11
Vented Ridge Detail .................................. 12
W-Valley Detail ....................................... 13
Eave Detail ........................................... 14
Gable Detail ........................................... 15
Peak Flashing Detail .................................. 16
Sidewall Detail ....................................... 17
Endwall Detail ....................................... 18
Panel Lapping Detail .................................. 19
Short Panel End Lap .................................. 20
Long Panel End Lap ................................... 21
Base & C-Flashing Detail ............................. 22
Inside Corner Detail .................................. 23-24
Outside Corner Detail ......................... 25-26
Pitch Change Detail ................................... 27
Champion Metal, Taylor Metal Company is a locally owned and operated business. Since 1978 we have combined the most rigorous quality standards and exceptional service to deliver what is widely stated as the most time-tested and valued roof and wall system in the industry. At Champion Metal we listen to our customers, this is how we have become the supplier of choice to many in the industry. Our entire team is always committed to taking whatever steps necessary to meet your needs.

We have an exceptionally skilled and motivated team. Our employees, some of whom have been with Champion Metal for more than a dozen years, take great pride in their work and it shows in each and every order we produce.

The team at Champion Metal goes far beyond just taking your order. We will work with all parties involved in the building process to determine the most appropriate materials, flashing designs, and installation procedures to ensure you have a building solution to last a lifetime.

We offer high-quality SMP and top of the line Kynar 500® paint systems, with "Cool Color" technology and a complete line of standard flashing and accessories. In addition, we offer affordable, custom-made flashings for all your project needs.

No attempt is made to provide installation details for every application or possible use. Conformity to local building codes, details for specific applications, and use of safety and health procedures is the sole responsibility of the installer. Champion Metal, assumes no liability for the improper installation of the product nor for any personal injury or property damage that may occur with the product’s use.

We invite you to call us today at 855-334-8558 or 425-485-3003 for product or technical information.
Notes to Designer/Installer

Champion Metal, a Taylor Metal Company is providing the following details as an aid in design. The details in this guide are not inclusive to all design situations. The designer/installer is responsible for modifications and should take into consideration all aspects of the project including climate conditions, such as, snow and wind, as well as, building code requirements, building design, building usage and maintenance requirements.

Installation should be performed only by qualified installers familiar with metal roofing systems and industry standards.

The Standard gauge for all products in this guide is 26 gauge and the standard finish is ArmorTech™ SMP. We recommend specifying all flashings be the same gauge, color, and finish as the panels to ensure long-term durability and color match.

**Substrates**
Details in the manual are all shown over solid substrate. Panels can be used over spaced purlins. For solid substrate, Champion Metal/TMP recommends 5/8” plywood.

**Underlayment**
Minimum underlayment requirements are 30 lb. ASTM rated felt, a synthetic underlayment with Class A and ASTM UV protection technology or a high temperature self-adhering rubberized membrane. When choosing the underlayment, consider the roof slope, roof design, roof panel, and the climate.

**Ventilation/Insulation**
It is the responsibility of the designer to determine the material types needed to control condensation and to insulate and ventilate the roof system. Applications over rigid insulation may require blocking for solid attachment and framing the perimeter for installation of perimeter flashings.

**Oil Canning**
All light gauge metals can display waviness often referred to as “oil canning.” Oil canning is caused by a variety of conditions, including steel mill tolerances, substrate variations or unevenness and roofing underlayments. Oil canning is an inherent characteristic of metal roofing, not a defect and is not a cause for material rejection.

**Thermal Movement**
The Panels and the flashings must be allowed to expand and contract, especially with longer length panels.
**Snow Design**
The following details do not address all conditions for snow environments. Consult with the designers, engineers, and others for acceptable details to accommodate your project and climate conditions. When possible gutters, valleys, pitch changes or other penetrations should be minimized in snow areas.

All roof penetrations should be located as close to the ridge or “pin point” top of roof. Snow country requires special designs for valleys to accommodate accumulation of snow and ice from uphill panels. Roof design should be considered in snow areas. Roof design should help resist the melting and freezing of snow and ice.

A fit for purpose roof design has the greatest impact on maintaining a damage free roof system in snow areas. Please contact a Champion Metal/TMP representative for assistance in detail designs and appropriate panel selection for specific climate and building conditions.

**Handling & Storage**
Handle materials with care when off-loading or moving materials to avoid damage to panels or flashings. Long panels may require two or more pick-up points, properly spaced to avoid damaging panels. Plan ahead; contact Champion Metal/TMP for recommendations on handling/hoisting long panels.

Store the panels, flashings and accessories in a dry, well ventilated area, off the ground. If covering, allow ventilation around panels. Elevate one end of bundle to allow drainage of wet materials.

Wear clean, soft-soled shoes when walking on roofing panels to avoid damage to the painted finish.

Take care that sand, gravel, dirt, etc. sticking to your shoes is not carried onto the roof, scratching or otherwise damaging the finish on the roofing material. Walking on asphalt impregnated felt paper, especially on a hot day, can cause the asphalt to stick to your shoes and be tracked on to the roofing material.

Take care when painting to avoid getting over spray on the roofing material. Remember that wind can carry paint particles some distance. Over spray can cause the finish of the roofing material to look dull and may void your warranty.
Safety
Secure materials, especially when leaving the site, on the ground or roof to prevent winds from moving the materials. Wind-blown materials may cause damage to the material, property or persons.

Always use proper safety equipment and attire to minimize risk of cuts or other injuries.

Do not walk on panels that have not been completely installed.

Do not walk on major ribs of panels.

Metal roofs that are wet or dusty can be extremely slippery. Wear soft soled shoes and a safety harness to minimize risk of falling.

Avoid installing metal panels in windy conditions.

Safety considerations are the responsibility of the installer and his crew. Be sure to use common sense and generally accepted safety practices when installing roofing materials.
Delivery Fleet
Champion Metal, a Taylor Metal Company prides itself with quick lead times delivered with our fleet of semi trucks. Our fleet of trucks are owned and operated by Champion Metal/TMP. All of our drivers are Champion Metal/TMP employees, so when your truck rolls in to deliver, you are dealing with Champion Metal/TMP. Expect consistent and exceptional service with short lead times. The inhouse fleet allows for efficient and cost-effective delivery.

Mounted on the rear of our semitrailer, the trailer-mounted “piggy-back” forklift will accompany you right to your place of use, opening up unprecedented possibilities in terms of transportation. It can travel sideways, carrying panels up to 40' long, allowing delivery in locations that would typically be considered impossible to reach.

Save time and effort while avoiding potential loading and transport issues; have experienced Champion Metal/TMP personnel deliver and unload your order.
Delivery & Will Call/Loading

Delivery
We will make every attempt to deliver material to the desired location. We may be unable to gain access on tight corners or steep terrain. If the site is deemed inaccessible by our driver, the customer may choose an alternate delivery site within a reasonable proximity. If we are unable to make the alternate delivery, additional charges may be assessed.

The customer is responsible for:
• Determining adequate access for delivery ahead of time.
• Meeting the delivery at the agreed upon time.
• Providing adequate resources (1-4 people as needed) for off loading materials. A charge of $100 per hour may be added for deliveries that go beyond their allotted time.
• Checking the shipment at the time of delivery.
• Verifying material quantities against the shipping list.
• Noting any damage or discrepancies upon the paper work at the time of delivery and notifying Taylor Metal Products within 48 hours of delivery.

Delivery times are usually scheduled one day in advance. Champion Metal/TMP will make every effort to make the delivery at the scheduled time. Please be aware that there may be conditions beyond our control such as traffic, mechanical failures, road closures, etc. which may affect our schedule. If a delay is expected, you will be notified in advance of delivery.

Standard Packaging: Standard packaging is included in the panel price and is designed to insure your products are delivered free from damage. All roofing and siding orders are packaged for protection with steel cover sheets and banded with slotted band boards. Maximum weight per skid is 5000 lbs. for forklift unload.

Long Length Packaging: On orders 24’ or longer, pallets will be used to ensure safe loading and unloading of panels. A refundable deposit of $45.00 per 10’ pallet, $135.00 per 20’ pallet or $410.00 for a 30’ pallet will be charged. Deposit will be refunded when pallet returned in good condition.

Additional Skid Packaging: When customer requests less than maximum weight per skid, additional packaging charges of $1.25 per lineal foot of skid will be charged.

Will Call/Loading
Flatbed trailers and trucks are best suited to transport metal roofing materials. These can be loaded from the side with a forklift and tied down in a safe and secure manner.

We are not able to load materials onto vehicles and/or trailers which are not suitable or may be hazardous to load. Please be aware that if we find a vehicle to be inappropriate, we reserve the right to refuse to load your order.

Unacceptable examples include: boat trailers, vans, buses, motor homes, campers and box trailers. Pickup racks which do not have sufficient supports for the weight or are not long enough to support bundles are also unacceptable.

Champion Metal/TMP is not responsible to tie down loads nor do we provide any tie down materials. Please bring tie downs to secure your load (string or twine are not acceptable for this purpose).

Consider having your order delivered on one of our trucks with a piggy back forklift.
The following tools/safety equipment may be used for proper installation:

- **Screw Gun**: Clutch type, variable torque, cordless screw guns will give the best results.
- Extra batteries
- Bit holder - magnetic
- #2 square drive bits or philips drive bits (for panel screws)
- 1/4" Hex head - magnetic - bit driver (for woodfast flashing screws)
- 1/8" drill bit (for rivets & pre-drilling fastener holes)
- Belt & holster (keeps all the above tools safely on your hip)

**Cutting Tools:**
- Cutters/Offset (curved jaw) left & right (for precision cutting, long cuts)
- Snips (straight jaw) left & right (for short cuts & circular cuts)
- Electric Shears (aids in long panel rips)

**CAUTION**: POWER SAWS MAY CAUSE PANEL DAMAGE!

Champion Metal recommends cutting panels and flashings with tin snips or shears.

We do **NOT** recommend the use of saw blades or abrasive wheels - use may void warranties and reduce longevity, especially in marine environments.

**Other Tools:**
- DeBurring Tool
- Hole Punch (for pre-punching holes in metal)
- Rubber Mallet - SoftType (for adjusting panels & flashings)
- Quick Square, Framing Square & Bevel Square (aids in squaring flashings & panels)
- Duck Bill Vise Grips/Pliers (for various bending)
- Upender Tools (used for panel-prep, available at Champion Metal/TMP)
- Tape Measures
- Rivet Tool (for riveting flashings)
- Marking pen or grease pencil
- Chalk Line (for marking long panel rips and to align panels)
- Protective gloves to protect hands
- Cotton gloves for working with copper (to protect against fingerprints on finish)
- Ear plugs
- Safety harness kit

**WARNING** : Filings, debris and metal chips must be wiped off panels each day to avoid corroding the panels and causing rust specks or stains. Water can cause non-finished metal shaving to bind to panels after rust develops, damaging panels. Failure to properly install panels and remove debris may void the warranty.
Champion Metal/TMP recommends the following fasteners:

<table>
<thead>
<tr>
<th>FASTENER</th>
<th>DESCRIPTION</th>
<th>USE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fastener</td>
<td>Woodfast Screw #10 x 1&quot;, 1-1/2&quot; 1/4&quot; Hex Head Color Matched</td>
<td>#10 Woodfast screws are used to attach panel to dimensional lumber.</td>
</tr>
<tr>
<td>Fastener</td>
<td>Woodfast Screw #14 x 1&quot;, 1-1/2&quot; 5/16&quot; Hex Head Color Matched</td>
<td>#14 Woodfast screws are used to attach panel to plywood/OSB.</td>
</tr>
<tr>
<td>Fastener</td>
<td>Stitch Screw #12 x 3/4&quot; 1/4&quot; Hex Head Color Matched</td>
<td>Stitch Screws are used to attach metal to metal such as lap joints, trim to trim, trim to panel and side lap attachment. They can be used interchangeably with rivets.</td>
</tr>
<tr>
<td>Fastener</td>
<td>Tek Screw #12 x 1&quot;, 1-1/2&quot; 5/16&quot; Hex Head</td>
<td>Tek Screws are used for attaching panels to metal purlins.</td>
</tr>
<tr>
<td>Fastener</td>
<td>Tek Screw #14 x 7/8&quot; 5/16&quot; Hex Head</td>
<td>Tek Screws are used for attaching panels to metal purlins.</td>
</tr>
<tr>
<td>Fastener</td>
<td>Rivets #43 (1/8&quot; x 1/8&quot;) Stainless Steel rivet Color Matched or non-painted.</td>
<td>Rivets are used to attach metal to metal such as lap joints, trim to trim, trim to panel and side lap attachment.</td>
</tr>
</tbody>
</table>

*Please note the illustrations (right) for proper fastener installation to ensure a weather-tight seal.*
Notes:
- Fasteners should be installed according to the maximum recommended row spacing (see below.)
- Fasteners should be applied along each rib and to each purlin (see illustration below).
- In high wind areas the bottom row of panel fasteners should be applied with fasteners along both sides of each rib and on panel laps (see illustration below).
- When possible, lap panels away from prevailing wind direction.
- Stitch screws should be used on panel laps for all applications (24” o.c. maximum).
- Panel screws should be long enough to penetrate through the bottom of the plywood by 3/8”.
- For dimensional lumber (2 x 6), panel screws should penetrate the lumber 1”.
- All fasteners used for roof or wall applications should have EPDM sealing washers.
- Use a 2000 rpm depth-sensing nose piece screw gun to ensure proper fastener seal.
- Do not over drive or under drive fasteners (see illustration on page 8).
- Do not use #9 woodfast screws for attachment into plywood. #9 woodfast screws are designed to penetrate dimensional lumber. Use #14 fastener for plywood attachment.
- Clean off working area each day to remove metal particles left from drilling fasteners. These particles, when exposed to moisture, will form rust between metal particles and the panel.
Panel Profile Chart

ULTRA-PANEL

WIDE-RIB™

2.5" CORRUGATED

4-V

HI-RIB

CLASSIC 7/8" CORRUGATED™

PBR

GR-7™- 36"

HR-34™
Hip/Ridge

HIP/RIDGE DETAIL

#12 WOODFAST SCREW

ROOF PANEL

#12x3/4" STITCH SCREW AT EACH HIGH RIB

SEALANT

FOAM CLOSURE SET IN SEALANT

PART SHOWN: (T3RS)

STANDARD RIDGE

IF PAINTED, THIS SIDE

SPECIFY PITCH

3¾"

5/8"

2⅞"

135°

135°

#12x3/4" STITCH SCREW AT EACH HIGH RIB

#12 WOODFAST SCREW

SEALANT

FOAM CLOSURE

If painted, this side

Specifying pitch
VENTED RIDGE DETAIL

#12 WOODFAST SCREW

VENTED FOAM CLOSURE

#12 x 3/4" STITCH SCREW AT EACH HIGH RIB

PART SHOWN: (T3RVW) VENTED WIDE RIDGE

IF PAINTED, THIS SIDE

SPECIFY PITCH

3/4" HEM, CLOSED

#12 x 3/4" STITCH SCREW AT EACH HIGH RIB

VENTED FOAM CLOSURE

#12 WOODFAST SCREW
PART SHOWN: (T3VF)

28" W-VALLEY

IF PAINTED, THIS SIDE

SPECIFY PITCH

#12 WOODFAST SCREW AT EACH LOW RIB

13"
EAVE DETAIL

**FOAM CLOSURE**

**SET IN SEALANT**

**#12 WOODFAST SCREW**

**AT EACH HIGH RIB**

**SEALANT**

**SIDING PANEL**

**FOAM CLOSURE**

**SET IN SEALANT**

**#12 WOODFAST SCREW**

**AT EACH LOW RIB**

**SEALANT**

**#12 WOODFAST SCREW**

**AT EACH HIGH RIB**

**#12 WOODFAST SCREW**

**AT EACH LOW RIB**

**SPECIFY PITCH**

**IF PAINTED, THIS SIDE**

**3"**

**4½"**

**135°**

**¾" KICK,**

**¾" HEM,**

**CLOSED**

**PART SHOWN: (T3E4)**

**4" EAVE**
GABLE DETAIL

PART SHOWN: (T3GS) .75" STANDARD GABLE

IF PAINTED, THIS SIDE

3X 135°

5" KICK, 1/2" HEM, CLOSED

#12 WOODFAST SCREW AT EACH HIGH RIB

#12 WOODFAST SCREW 12” O.C.

SEALANT

FOAM CLOSURE SET IN SEALANT

SIDING PANEL

SEALANT

FOAM CLOSURE
#12 x 3/4" WOODFAST SCREW AT EACH HIGH RIB

SEALANT

FOAM CLOSURE SET IN SEALANT

SIDING PANEL

PART SHOWN: (T3RP)
PEAK FLASHING

IF PAINTED, THIS SIDE

SPECIFY PITCH

1/2" KICK, 1/2" HEM, CLOSED AT 135°
**Part Shown: (T3SW)**

**.75" Sidewall**

- **Siding Panel**
- **Foam Closure Set in Sealant**
- **#12 Woodfast Screw at Each Low Rib**
- **#12 Woodfast Screw 12" O.C.**
- **Sealant**

**Notes:**
- If painted, this side
- 4"
- 4.5"
- 2" 135°
- 3/4"
ENDWALL DETAIL

PART SHOWN: (T3EW) ENDWALL

- #12 WOODFAST SCREW AT EACH LOW RIB
- #12 WOODFAST SCREW AT EACH HIGH RIB
- FOAM CLOSURE SET IN SEALANT
- SEALANT

IF PAINTED, THIS SIDE

SPECIFY PITCH

1/2" HEM, CLOSED

#12 WOODFAST SCREW AT EACH LOW RIB

#12 WOODFAST SCREW AT EACH HIGH RIB

FOAM CLOSURE

SEALANT

1/2" HEM, CLOSED

#12 WOODFAST SCREW AT EACH LOW RIB

#12 WOODFAST SCREW AT EACH HIGH RIB

FOAM CLOSURE

SEALANT
Lapping Application

PART SHOWN: (T3GS)
STANDARD GABLE

LAPPING APPLICATION

PRY OPEN HEMS USING A SCREWDRIVER OR SCRATCH AWL

CUT OUT AND REMOVE PIECE OF Flashing

SLIDE FLASHINGS TOGETHER, THEN CLOSE HEMS WITH PLIERS

3 ROWS OF SEALANT

1 8" 3"
SHORT PANEL END LAP DETAIL
(PANEL: T-3)

6" MINIMUM OVERLAP

2 ROWS OF SEALANT

1" SPACING

#9 WOODFAST SCREW AT EACH LOW RIB

6" MINIMUM OVERLAP

1" SPACING

2 ROWS OF SEALANT
LONG PANEL END LAP DETAIL
(PANEL: T-3)

2 ROWS OF SEALANT
12" OVERLAP

#9 WOODFAST SCREW
PAN HEAD SCREW

1" SPACING

2 ROWS OF SEALANT
Base & C Flashings

**BASE FLASHING DETAIL**

- Siding Panel
- Pan Head Screw
- Foam Closure Set in Sealant
- #9 Woodfast Screw at each low rib

**C-FLASHING DETAIL (TOP VIEW)**

- C-Flashing Bead Sealant
- Pan Head Screw
- #9 Woodfast Screw at 12" O.C.

**PART SHOWN: (T3BF) .75" BASE FLASHING**

- If painted, this side
- 2"
- 1"
- 5/8" Kick, 1/2" HEM, Closed at 135°

**PART SHOWN: (T3CF) .75" C-FLASHING**

- If painted, this side
- 2 1/4"
- 1"
- 1"
Inside Corner

INSIDE CORNER DETAIL

#9 WOODFAST SCREW AT 12" O.C.

SEALANT

PART SHOWN: (T3CI)
.75" INSIDE CORNER

IF PAINTED, THIS SIDE

4" 135°

4.5"

1"

#9 WOODFAST SCREWS AT 12" O.C.
Inside Corner - Post

Inside Corner Details

Part Shown: (T3CPI) .75” Inside Corner Post

If painted, this side.
Outside Corner

OUTSIDE CORNER DETAIL

#9 WOODFAST SCREW AT 12" O.C.

SEALANT

PART SHOWN: (T3CO) .75" OUTSIDE CORNER

IF PAINTED, THIS SIDE

4X 135"

$\frac{1}{2}''$

$\frac{3}{8}''$

$\frac{1}{2}''$

Through Fastener Installation Guide - 2020
Outside Corner - Post

OUTSIDE CORNER DETAILS

#9 WOODFAST SCREW AT 12" O.C.

PAN HEAD SCREW

VERTICAL PANEL (T-3™)

PART SHOWN: (T3CPO)
.75" OUTSIDE CORNER POST

IF PAINTED, THIS SIDE

#9 WOODFAST SCREW AT 12" O.C.
Pitch Change

INSIDE PITCH CHANGE DETAIL

ROOFING PANEL

FOAM CLOSURE SET IN SEALANT

#9 WOODFAST SCREW AT EACH LOW RIB

#12x3/4" STITCH SCREW AT EACH HIGH RIB

SEALANT

PART SHOWN: (T3PCI) .75" INSIDE PITCH CHANGE

5"

8"

SPECIFY PITCH

IF PAINTED, THIS SIDE

1/2" HEM, CLOSED

#9 WOODFAST SCREW

#12x3/4" STITCH SCREW AT EACH HIGH RIB

FOAM CLOSURE

SEALANT
Through Fastener Flashing Selections
Ultra-Panel, Wide-Rib™, Hi-Rib, 4-V, GR-7™
29/26GA: 12'6" Standard, 24GA: 10' Standard

0.75" EAVE TRIM
(T3CET)

0.75" GUTTER EAVE TRIM
(T3CETG)

STANDARD EAVE
(T3ES)

4" EAVE
(T3E4)

0.75" 2X6 STEP EAVE
(T3SE)

0.75" STANDARD GABLE
(T3GS)

WEIGHT: 9 LBS.

WEIGHT: 4.6 LBS.

WEIGHT: 4.2 LBS.

WEIGHT: 8.5 LBS.

WEIGHT: 6.3 LBS.

WEIGHT: 9 LBS.
Through Fastener Flashing Selections
Ultra-Panel, Wide-Rib™, Hi-Rib, 4-V, GR-7™
29/26GA: 12'6" Standard, 24GA: 10' Standard

.75" GABLE TRIM - LARGE
(T3CGL)

.75" GABLE TRIM - MINI
(T3CMG)

.75" 2X6 STEP GABLE
(T3SG6)

.75" 2X8 STEP GABLE
(T3SG8)

PEAK FLASHING
(T3RP)

28" W-VALLEY
(T3VF)

SCALE 1:5 S.O. 14" WEIGHT: 10.5 LBS.

SCALE 1:5 S.O. 7" WEIGHT: 5.3 LBS.

SCALE 1:5 S.O. 13-3/4" WEIGHT: 10.5 LBS.

SCALE 1:5 S.O. 15-3/4" WEIGHT: 12 LBS.

SCALE 1:5 S.O. 12-1/2" WEIGHT: 9.6 LBS.

SCALE 1:8 S.O. 28" WEIGHT: 21 LBS.
Through Fastener Flashing Selections
Ultra-Panel, Wide-Rib™, Hi-Rib, 4-V, GR-7™
29/26GA: 12'6" Standard, 24GA: 10' Standard

STANDARD RIDGE
(T3RS)

VENTED/WIDE RIDGE
(T3RVW)

CABIN RIDGE
(T3CR)

UNIVERSAL RIDGE
(T3UR)

.75" OUTSIDE CORNER POST
(T3CPO)

.75" INSIDE CORNER POST
(T3CPI)
INSIDE PITCH CHANGE (T3PCI)

OUTSIDE PITCH CHANGE (T3PCO)

.75" OUTSIDE CORNER (T3CO)

.75" INSIDE CORNER (T3CI)

DOOR EDGE (T3DE)

.75" DOOR RAIL COVER (T3DRC)

**Through Fastener Flashing Selections**

**Ultra-Panel, Wide-Rib™, Hi-Rib, 4-V, GR-7™**

**29/26GA: 12'6" Standard, 24GA: 10' Standard**

**CHAMPION METAL**

*a Taylor Metal Company*

**Scale: 1:5**

**S.O. 13-1/2"**

**Weight: 10.2 LBS.**

**Scale: 1:5**

**S.O. 13-1/2"**

**Weight: 10.2 LBS.**

**Scale: 1:5**

**S.O. 13-1/4"**

**Weight: 9.2 LBS.**

**Scale: 1:5**

**S.O. 12-1/4"**

**Weight: 9 LBS.**

**Scale: 1:3**

**S.O. 4"**

**Weight: 3 LBS.**

**Scale: 1:4**

**S.O. 7-3/8"**

**Weight: 5.6 LBS.**
Exhibited Fastener Flashings

**Ultra-Panel, Wide-Rib™, Hi-Rib, 4-V, GR-7™**

29/26GA: 12'6" Standard, 24GA: 10' Standard

---

**.75" SIDEWALL**

(T3SW)

| Scale: 1:5 | S.O.: 10-1/8" | Weight: 7.5 lbs. |

---

**.75" Z-FLASHING**

(T3ZF)

| Scale: 1:3 | S.O.: 4-1/8" | Weight: 3.2 lbs. |

---

**.75" BASE FLASHING**

(T3BF)

| Scale: 1:3 | S.O.: 4-1/8" | Weight: 3 lbs. |

---

**.75" VERTICAL JAMB TRIM**

(T3VJT)

| Scale: 1:3 | S.O.: 4-7/8" | Weight: 3.7 lbs. |
**Through Fastener Flashing Selections**

Ultra-Panel, Wide-Rib™, Hi-Rib, 4-V, GR-7™

29/26GA: 12'6" Standard, 24GA: 10' Standard

**Door Jamb 4-5/8" to 7-1/2"**

(T3DJ5)

- IF PAINTED, THIS SIDE
- 4 3/4" TO 7 1/2"

**Door Jamb 7-5/8" to 9-1/2"**

(T3DJ7)

- IF PAINTED, THIS SIDE
- 7 3/4" TO 9 1/2"

**Door Jamb 9-5/8" to 11-5/8"**

(T3DJ9)

- IF PAINTED, THIS SIDE
- 9 3/4" TO 11 3/4"

**Open Jamb 4-5/8" to 7-1/2"**

(T3OJ5)

- IF PAINTED, THIS SIDE
- 4 3/4" TO 7 1/2"

**Open Jamb 7-5/8" to 9-1/2"**

(T3OJ7)

- IF PAINTED, THIS SIDE
- 7 3/4" TO 9 1/2"

**Open Jamb 9-5/8" to 11-5/8"**

(T3OJ9)

- IF PAINTED, THIS SIDE
- 9 3/4" TO 11 3/4"

**Weight:**

- Door Jamb: 5.3 lbs.
- Open Jamb: 8.3 lbs.
Through Fastener Flashing Selections
Ultra-Panel, Wide-Rib™, Hi-Rib, 4-V, GR-7™
29/26GA: 12'6" Standard, 24GA: 10' Standard

**SINGLE TRACK COVER (FACEMOUNT)**
(T3TCS)

*USE WITH CANNONBALL ROUND FACEMOUNT TRACK

**SINGLE TRACK COVER (STUDMOUNT)**
(T3TCSCB)

*USE WITH CANNONBALL ROUND STUDMOUNT TRACK

**DOUBLE TRACK COVER (STUDMOUNT)**
(T3TCDCB)

*USE WITH CANNONBALL ROUND ADJUSTABLE STUDMOUNT DOUBLE TRACK BRACKETS

**.75" DOOR OPENING**
(T3DO)

**1.5" X 5.5" SPECIAL RAKE**
(T3CR1S)

**1.5" X 7" SPECIAL RAKE**
(T3CR7S)
Through Fastener Flashing Selections
PBR, Marion “R” Panel™
29/26GA: 12’6” Standard, 24GA: 10’ Standard

STANDARD EAVE
(PBRES)

SCALE 1:5
S.O. 6”
WEIGHT: 4.5 LBS.

4” EAVE
(PBRE4)

SCALE 1:5
S.O. 8-1/4”
WEIGHT: 6.3 LBS.

PBR GABLE
(PBRGS)

SCALE 1:5
S.O. 14-5/8”
WEIGHT: 10.8 LBS.

PBR BULL NOSE GABLE
(PBRGBN)

SCALE 1:5
S.O. 16-1/2”
WEIGHT: 12.3 LBS.

PBR 2X6 STEP GABLE
(PBRSG)

SCALE 1:5
S.O. 15-1/4”
WEIGHT: 11.3 LBS.

28” W-VALLEY
(PBRVF)

SCALE 1:8
S.O. 28”
WEIGHT: 21 LBS.

WEIGHT: 10.8 LBS.
SCALE 1:5
S.O. 6-1/4”

Scale 1:5
S.O. 8-1/4”
WEIGHT: 6.3 LBS.

Scale 1:5
S.O. 14-5/8”
WEIGHT: 10.8 LBS.

Scale 1:5
S.O. 16-1/2”
WEIGHT: 12.3 LBS.

Scale 1:5
S.O. 15-1/4”
WEIGHT: 11.3 LBS.

Scale 1:8
S.O. 28”
WEIGHT: 21 LBS.
**STANDARD RIDGE (PBRRS)**

![Diagram of Standard Ridge]

- **Pitch:** Specify
- **Painting:** If painted, this side
- **Dimensions:**
  - 135°
  - 2 1/4" KICK
  - 1/2" HEM

**WEIGHT:** 10.5 LBS.

**SCALE:** 1:5

**S.O.:** 14"

---

**VENTED/WIDE RIDGE (PBRRVW)**

![Diagram of Vented/Wide Ridge]

- **Pitch:** Specify
- **Painting:** If painted, this side
- **Dimensions:**
  - 1 1/2" HEM
  - 120°

**WEIGHT:** 15 LBS.

**SCALE:** 1:5

**S.O.:** 20"

---

**CABIN RIDGE (PBRCR)**

![Diagram of Cabin Ridge]

- **Pitch:** Specify
- **Painting:** If painted, this side
- **Dimensions:**
  - 6 1/2"
  - 1/2" HEM

**WEIGHT:** 10.5 LBS.

**SCALE:** 1:5

**S.O.:** 14"

---

**UNIVERSAL RIDGE (PBRRUR)**

![Diagram of Universal Ridge]

- **Pitch:** Specify
- **Painting:** If painted, this side
- **Dimensions:**
  - 4 1/4"
  - 1/4"

**WEIGHT:** 15 LBS.

**SCALE:** 1:5

**S.O.:** 14"

---

**PBR FORMED RIDGE (TPBRFR)**

![Diagram of PBR Formed Ridge]

- **Pitch:** Specify
- **Painting:** If painted, this side
- **Dimensions:**
  - 36"
  - 18"

**WEIGHT:** Varies

**SCALE:** 1:20

**S.O.:** Varies

---

**PEAK FLASHING (PBRRP)**

![Diagram of Peak Flashing]

- **Pitch:** Specify
- **Painting:** If painted, this side
- **Dimensions:**
  - 5 1/2"
  - 1/2"

**WEIGHT:** 9.6 LBS.

**SCALE:** 1:5

**S.O.:** 12-1/2"
Through Fastener Flashing Selections
PBR, Marion “R” Panel™
29/26GA: 12’6” Standard, 24GA: 10’ Standard

**OUTSIDE PITCH CHANGE**
(PBRPCO)

- IF PAINTED, THIS SIDE
- SPECIFY PITCH
- ½” HEM, CLOSED

**INSIDE PITCH CHANGE**
(PBRPCI)

- IF PAINTED, THIS SIDE
- SPECIFY PITCH
- ½” HEM, CLOSED

**PBR OUTSIDE CORNER**
(PBRCO)

- ½” HEM, CLOSED

**PBR INSIDE CORNER**
(PBRCI)

- IF PAINTED, THIS SIDE

**PBR OUTSIDE CORNER POST**
(PBRCPO)

- IF PAINTED, THIS SIDE

**PBR INSIDE CORNER POST**
(PBRCPI)

- IF PAINTED, THIS SIDE

**WEIGHTS:**
- PBRCO: 10.9 LBS.
- PBRCI: 10.2 LBS.
- PBRCPO: 11 LBS.
- PBRCPI: 10.3 LBS.
Through Fastener Flashing Selections
PBR, Marion “R” Panel™
29/26GA: 12’6” Standard, 24GA: 10’ Standard

ENDWALL
(PBREW)

PBR SIDEWALL
(PBRSW)

PBR Z-FLASHING
(PBRZF)

PBR BASE FLASHING
(PBRBF)

PBR C-FLASHING
(PBRCF)

PBR VERTICAL JAMB TRIM
(PBRVJT)

WEIGHT: 3.4 LBS.

WEIGHT: 4.2 LBS.

WEIGHT: 3.5 LBS.

WEIGHT: 9 LBS.

WEIGHT: 10.5 LBS.

WEIGHT: 4.2 LBS.

WEIGHT: 9 LBS.

WEIGHT: 4.2 LBS.

SCALE 1:5 S.O. 12”

SCALE 1:5 S.O. 14-1/8”

SCALE 1:3 S.O. 4-1/2”

SCALE 1:3 S.O. 4-3/8”

SCALE 1:4 S.O. 5-9/16”

SCALE 1:4 S.O. 5-9/16”

PBR BASE FLASHING
(PBRBF)

PBR VERTICAL JAMB TRIM
(PBRVJT)
Through Fastener Flashing Selections
PBR, Marion “R” Panel™
29/26GA: 12’6” Standard, 24GA: 10’ Standard

Door Jamb 4-5/8” to 7-1/2”
(PBRDJ5)

Door Jamb 7-5/8” to 9-1/2”
(PBRDJ7)

Door Jamb 9-5/8” to 11-5/8”
(PBRDJ9)

Open Jamb 4-5/8” to 7-1/2”
(PBROJ5)

Open Jamb 7-5/8” to 9-1/2”
(PBROJ7)

Open Jamb 9-5/8” to 11-5/8”
(PBROJ9)

Exposed Fastener Flashings
PBR
26/29 Ga. Flashings are 12’6”, 24 Ga. are 10’.

Through Fastener Flashing Selections
PBR, Marion “R” Panel™
29/26GA: 12’6” Standard, 24GA: 10’ Standard
Through Fastener Flashing Selections
PBR, Marion “R” Panel™
29/26GA: 12’6” Standard, 24GA: 10’ Standard

**SINGLE TRACK (FACEMOUNT) (PBRTCS)**

- 1/2" HEM AT 30°
- IF PAINTED, THIS SIDE

**SINGLE TRACK (STUDMOUNT) (PBRTCSCB)**

- 1/4" HEM AT 30°
- IF PAINTED, THIS SIDE

**DOUBLE TRACK (STUDMOUNT) (PBRTCDCB)**

- 1/2" HEM AT 30°
- IF PAINTED, THIS SIDE

**PBR DOOR OPENING TRIM (PBRDO)**

- 5/8" HEM, CLOSED

**DOOR EDGE (PBRDE)**

- 1/2" HEM, CLOSED

**PBR DOOR RAIL COVER (PBRDRC)**

- 5/8" HEM, CLOSED

---

Scale: 1:5
SO: 12"
Weight: 9 LBS.

Scale: 1:5
SO: 13-3/8"
Weight: 10.1 LBS.

Scale: 1:8
SO: 12-1/8"
Weight: 12.9 LBS.

Scale: 1:5
SO: 13-1/8"
Weight: 9.7 LBS.

Scale: 1:3
SO: 4"
Weight: 3 LBS.

Scale: 1:4
SO: 8-7/8"
Weight: 6.6 LBS.
Through Fastener Flashing Selections
PBR, Marion “R” Panel™
29/26GA: 12’6" Standard, 24GA: 10’ Standard

**STANDARD EAVE**
(2CES)

- IF PAINTED, THIS SIDE
- SPECIFY PITCH
- ½” KICK AT 135°

**CORRUGATED GABLE**
(2CGS)

- IF PAINTED, THIS SIDE
- SPECIFY PITCH
- ½” KICK, ½” HEM, CLOSED

**PEAK FLASHING**
(2CRP)

- IF PAINTED, THIS SIDE
- SPECIFY PITCH
- 135°
- ½” KICK, ½” HEM, CLOSED

**28” W-VALLEY**
(2CVF)

- IF PAINTED, THIS SIDE
- SPECIFY PITCH
- 13”
- 1”

**ENDWALL**
(2CEW)

- IF PAINTED, THIS SIDE
- SPECIFY PITCH
- 6”
- ½” HEM, CLOSED

**CORRUGATED SIDEWALL**
(2CSW)

- IF PAINTED, THIS SIDE
- SPECIFY PITCH
- 4”
- 4”
- ½” HEM, CLOSED

**Scale 1:5**

**Endwall (2CEW)**
- Scale 1:5
- S.O. 12”
- Weight: 9 LBS.

**Corrugated Sidewall (2CSW)**
- Scale 1:5
- S.O. 8-1/2”
- Weight: 6.5 LBS.

**Scale 1:5**

**Standard Eave (2CES)**
- Scale 1:5
- S.O. 6”
- Weight: 4.5 LBS.

**Corrugated Gable (2CGS)**
- Scale 1:5
- S.O. 9-3/4”
- Weight: 7.3 LBS.

**Peak Flashing (2CRP)**
- Scale 1:5
- S.O. 12-1/2”
- Weight: 9.6 LBS.

**28” W-Valley (2CVF)**
- Scale 1:8
- S.O. 28”
- Weight: 21 LBS.

**Exposed Fastener Flashings**
2.5” Corrugated 26 / 29 Ga. Flashings are 12’6", 24 Ga. are 10’.
2.5" Corrugated Flashings

- **29/26GA**: 12'6" Standard, **24GA**: 10' Standard

### Standard Ridge (2CRS)

- Scale: 1:5
- S.O.: 14"
- Weight: 10.5 lbs.

### Vented/Wide Ridge (2CRVW)

- Specify Pitch
- IF Painted, This Side
- 1 1/8" Hem, Closed
- 120° TYP.
- Unless Noted

- Scale: 1:6
- S.O.: 20"
- Weight: 15 lbs.

### Cabin Ridge (2CCR)

- Specify Pitch
- IF Painted, This Side
- 6 1/2"

- Scale: 1:5
- S.O.: 14"
- Weight: 10.5 lbs.

### Corrugated C-Flashings (2CCF)

- Specify Pitch
- IF Painted, This Side

- Scale: 1:2
- S.O.: 3-7/8"
- Weight: 2.9 lbs.

### Corrugated Vertical Jamb Trim (2CVJT)

- Specify Pitch
- IF Painted, This Side

- Scale: 1:2
- S.O.: 3-7/8"
- Weight: 2.9 lbs.

### Corrugated Z-Flashings (2CZF)

- Specify Pitch
- IF Painted, This Side

- Scale: 1:4
- S.O.: 3-3/4"
- Weight: 2.8 lbs.

---

**Exposed Fastener Flashings**

- 2.5" Corrugated

- 29/26GA: 12'6" Standard, 24GA: 10' Standard

- Weight: 2.9 lbs.

**Cabin Ridge**

- (2CCR)
- Scale: 1:5
- S.O.: 14"
- Weight: 10.5 lbs.

**Corrugated C-Flashings**

- (2CCF)
- Scale: 1:2
- S.O.: 3-7/8"
- Weight: 2.9 lbs.

**Corrugated Vertical Jamb Trim**

- (2CVJT)
- Scale: 1:2
- S.O.: 3-7/8"
- Weight: 2.9 lbs.

**Corrugated Z-Flashings**

- (2CZF)
- Scale: 1:4
- S.O.: 3-3/4"
- Weight: 2.8 lbs.

---

42
Through Fastener Flashing Selections

2.5" Corrugated
29/26GA: 12'6" Standard, 24GA: 10' Standard

**CORRUGATED OUTSIDE CORNER POST**
(2CCPO)

**CORRUGATED INSIDE CORNER POST**
(2CCPI)

**INSIDE PITCH CHANGE**
(2CPCI)

**OUTSIDE PITCH CHANGE**
(2CPCO)

**CORRUGATED OUTSIDE CORNER**
(2CCO)

**CORRUGATED INSIDE CORNER**
(2CCI)

Exhibited Fastener Flashings
2.5" Corrugated
26/29 Ga. Flashings are 12'6, 24 Ga. are 10'.

Corrugated Outside Corner Post (2CCPO)

Corrugated Inside Corner Post (2CCPI)

Inside Pitch Change (2CPCI)

Outside Pitch Change (2CPCO)

Corrugated Outside Corner (2CCO)

Corrugated Inside Corner (2CCI)

Scale: 1:4
S.O. 13-1/4"
Weight: 9.9 lbs.

Scale: 1:4
S.O. 12-1/4"
Weight: 9.2 lbs.

Scale: 1:5
S.O. 13-1/2"
Weight: 10.2 lbs.

Scale: 1:5
S.O. 13-1/2"
Weight: 10.2 lbs.

Scale: 1:5
S.O. 8"
Weight: 6 lbs.

Scale: 1:5
S.O. 8"
Weight: 6 lbs.
Through Fastener Flashing Selections
2.5" Corrugated
29/26GA: 12'6" Standard, 24GA: 10' Standard

.75" BASE FLASHING
(2CBF)

IF PAINTED, THIS SIDE

2"

5/8" KICK,
3/4" HEM,
CLOSED
AT 135°

SCALE 1:3  S.O. 4-1/8"  WEIGHT: 3 LBS.
Through Fastener Flashing Selections
Classic 7/8" Corrugated
29/26GA: 12'6" Standard, 24GA: 10' Standard

**STANDARD EAVE (CCES)**

- IF PAINTED, THIS SIDE
- SPECIFY PITCH
- 1/2" KICK AT 135°

**CLASSIC CORRUGATED GABLE (CCGS)**

- IF PAINTED, THIS SIDE
- 3 1/2"
- 4 1/4"
- 1/2" HEM, CLOSED
- 1/2" KICK, 1/2" HEM, CLOSED AT 135°

**STANDARD RIDGE (CCRS)**

- IF PAINTED, THIS SIDE
- SPECIFY PITCH
- 135°
- 3 1/4"
- 2 1/2"

**VENTED/WIDE RIDGE (CCRVW)**

- IF PAINTED, THIS SIDE
- SPECIFY PITCH
- 1 1/2"
- 1"
- 1 3/4"
- 1/2" HEM, CLOSED

**CABIN RIDGE (CCCR)**

- IF PAINTED, THIS SIDE
- SPECIFY PITCH
- 6 1/2"
- 1/2" HEM, CLOSED

**28" W-VALLEY (CCVF)**

- IF PAINTED, THIS SIDE
- SPECIFY PITCH
- 13"
- 1"

**EXPOSED FASTENER FLASHINGS**

- 7 8" Classic Corrugated
- 26 / 29 Ga. Flashings are 12'6", 24 Ga. are 10'.

**WEIGHTS**

- STANDARD EAVE: 4.5 LBS.
- CLASSIC CORRUGATED GABLE: 7.1 LBS.
- STANDARD RIDGE: 10.5 LBS.
- VENTED/WIDE RIDGE: 15 LBS.
- CABIN RIDGE: 10.5 LBS.
- 28" W-VALLEY: 21 LBS.
Through Fastener Flashing Selections
Classic 7/8" Corrugated
29/26GA: 12'6" Standard, 24GA: 10' Standard

CLASSIC CORRUGATED OUTSIDE CORNER POST
( CCCPO )

CLASSIC CORRUGATED INSIDE CORNER POST
( CCCPI )

INSIDE PITCH CHANGE
( CCPCI )

OUTSIDE PITCH CHANGE
( CCPCO )

CLASSIC CORRUGATED OUTSIDE CORNER
( CCCO )

CLASSIC CORRUGATED INSIDE CORNER
( CCCI )

WEIGHT: 10.5 LBS.
SCALE 1:4
S.O. 14-1/4"

WEIGHT: 9.8 LBS.
SCALE 1:4
S.O. 13-1/4"

WEIGHT: 10.2 LBS.
SCALE 1:4
S.O. 14-1/4"

WEIGHT: 10.2 LBS.
SCALE 1:4
S.O. 13-1/2"

WEIGHT: 6 LBS.
SCALE 1:4
S.O. 8"

WEIGHT: 6 LBS.
SCALE 1:4
S.O. 8"
## Through Fastener Flashing Selections

**Classic 7/8" Corrugated**  
29/26GA: 12’6" Standard, 24GA: 10’ Standard

<table>
<thead>
<tr>
<th>Endwall</th>
<th>Classic Corrugated Sidewall</th>
</tr>
</thead>
<tbody>
<tr>
<td>(CCEW)</td>
<td>(CCSW)</td>
</tr>
<tr>
<td>5½“</td>
<td>4“</td>
</tr>
<tr>
<td>IF PAINTED, THIS SIDE</td>
<td>IF PAINTED, THIS SIDE</td>
</tr>
<tr>
<td>SPECIFY PITCH</td>
<td>SPECIFY PITCH</td>
</tr>
<tr>
<td>¾“ HEM, CLOSED</td>
<td>¾“ HEM, CLOSED</td>
</tr>
<tr>
<td>SCALE 1:5</td>
<td>SCALE 1:5</td>
</tr>
<tr>
<td>S.O. 12”</td>
<td>S.O. 8-½”</td>
</tr>
<tr>
<td>WEIGHT: 9 LBS.</td>
<td>WEIGHT: 6.5 LBS.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Classic Corrugated Base Flashing</th>
<th>Classic Corrugated Z-Flashin</th>
</tr>
</thead>
<tbody>
<tr>
<td>(CCBF)</td>
<td>(CCZF)</td>
</tr>
<tr>
<td>2“</td>
<td>1½“</td>
</tr>
<tr>
<td>IF PAINTED, THIS SIDE</td>
<td>IF PAINTED, THIS SIDE</td>
</tr>
<tr>
<td>¾“ HEM, CLOSED AT 135°</td>
<td>¾“ HEM, CLOSED</td>
</tr>
<tr>
<td>SCALE 1:3</td>
<td>SCALE 1:3</td>
</tr>
<tr>
<td>S.O. 4”</td>
<td>S.O. 4-1/8”</td>
</tr>
<tr>
<td>WEIGHT: 3 LBS.</td>
<td>WEIGHT: 3.2 LBS.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Classic Corrugated C-Flashin</th>
<th>Classic Corrugated Vertical Jamb Trim</th>
</tr>
</thead>
<tbody>
<tr>
<td>(CCCF)</td>
<td>(CCVJT)</td>
</tr>
<tr>
<td>1½“</td>
<td>1½“</td>
</tr>
<tr>
<td>IF PAINTED, THIS SIDE</td>
<td>IF PAINTED, THIS SIDE</td>
</tr>
<tr>
<td>¾“ HEM, CLOSED</td>
<td>¾“ HEM, CLOSED AT 135°</td>
</tr>
<tr>
<td>SCALE 1:3</td>
<td>SCALE 1:3</td>
</tr>
<tr>
<td>S.O. 4-3/8“</td>
<td>S.O. 4-3/8“</td>
</tr>
<tr>
<td>WEIGHT: 3.3 LBS.</td>
<td>WEIGHT: 3.3 LBS.</td>
</tr>
</tbody>
</table>
Through Fastener Flashing Selections
Classic 7/8" Corrugated
29/26GA: 12'6" Standard, 24GA: 10' Standard

PEAK FLASHING
( CCRP )

SPECIFY PITCH

5/8"

3/8" KICK,
3/8" HEM,
CLOSED

5/8"

135°

3/8" HEM,
CLOSED

SCALE 1:5
S.O. 12-1/2"
WEIGHT: 9.6 LBS.
Through Fastener Flashing Selections

HR-34™
29/26GA: 12'6" Standard, 24GA: 10' Standard

HR-34 EAVE
( HRES )

IF PAINTED, THIS SIDE

SPECIFY PITCH

1/2 KICK,
1/2 HEM,
CLOSED

AT 135°

SCALE 1:5
S.O. 9"
WEIGHT: 6.8 LBS.

HR-34 GABLE
( HRGS )

IF PAINTED, THIS SIDE

1/2 HEM,
CLOSED

SCALE 1:5
S.O. 9-3/4"
WEIGHT: 7.2 LBS.

HR-34 GABLE B
( HRGSB )

IF PAINTED, THIS SIDE

135° - HR34,
CLASSIC VEE
120° - BR-36

SCALE 1:5
S.O. 11-3/4"
WEIGHT: 8.8 LBS.

STANDARD RIDGE
( HRRS )

IF PAINTED, THIS SIDE

SCALE 1:5
S.O. 14"
WEIGHT: 10.5 LBS.

VENTED/WIDE RIDGE
( HRRVW )

IF PAINTED, THIS SIDE

SPECIFY PITCH

1/2 HEM,
CLOSED

SCALE 1:6
S.O. 20"
WEIGHT: 15 LBS.

CABIN RIDGE
( HRCR )

IF PAINTED, THIS SIDE

SPECIFY PITCH

1/2 HEM,
CLOSED

SCALE 1:5
S.O. 14"
WEIGHT: 10.5 LBS.
Through Fastener Flashing Selections

**HR-34™**

29/26GA: 12'6" Standard, 24GA: 10' Standard

---

**28" W-VALLEY**

( HRVF )

- **If Painted, This Side**
- **Specify Pitch**

![Diagram of 28" W-Valley Flashing](image)

**Scale 1:8**

**S.O. 28"**

**Weight: 21 LBS.**

---

**HR-34 PEAK FLASHING**

( HRRP )

- **If Painted, This Side**
- **Specify Pitch**

![Diagram of HR-34 Peak Flashing](image)

**Scale 1:5**

**S.O. 12"**

**Weight: 9 LBS.**

---

**HR-34 OUTSIDE CORNER POST**

( HRCPO )

![Diagram of HR-34 Outside Corner Post](image)

**Scale 1:4**

**S.O. 15-1/4"**

**Weight: 11.4 LBS.**

---

**HR-34 INSIDE CORNER POST**

( HRCPI )

![Diagram of HR-34 Inside Corner Post](image)

**Scale 1:4**

**S.O. 14-1/4"**

**Weight: 10.7 LBS.**

---

**INSIDE PITCH CHANGE**

( HRPCI )

- **If Painted, This Side**

![Diagram of Inside Pitch Change](image)

**Scale 1:5**

**S.O. 13-1/2"**

**Weight: 10.1 LBS.**

---

**OUTSIDE PITCH CHANGE**

( HRPCO )

- **If Painted, This Side**

![Diagram of Outside Pitch Change](image)

**Scale 1:5**

**S.O. 13-1/2"**

**Weight: 10.1 LBS.**
Through Fastener Flashing Selections
HR-34™
29/26GA: 12'6" Standard, 24GA: 10' Standard

HR-34 OUTSIDE CORNER
(HRCO)

HR-34 INSIDE CORNER
(HRCI)

HR-34 ENDWALL
(HREW)

HR-34 SIDEWALL
(HRSW)

HR-34 BASE FLASHING
(HRBF)

HR-34 Z-FLASHING
(HRZF)

WEIGHT: 9.8 LBS.
SCALE 1:5
S.O. 13"

WEIGHT: 9.8 LBS.
SCALE 1:5
S.O. 13"

WEIGHT: 7.1 LBS.
SCALE 1:5
S.O. 9-1/2"

WEIGHT: 7.9 LBS.
SCALE 1:5
S.O. 10-1/2"

WEIGHT: 3.5 LBS.
SCALE 1:3
S.O. 4-5/8"

WEIGHT: 3.6 LBS.
SCALE 1:3
S.O. 4-3/4"
<table>
<thead>
<tr>
<th><strong>HR-34 C-FLASHING</strong></th>
<th><strong>HR-34 4&quot; PERFORATED STRIP</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>(HRCF)</td>
<td>(HRPS)</td>
</tr>
</tbody>
</table>

- **HR-34 C-FLASHING (HRCF)**
  - IF PAINTED, THIS SIDE
  - 3" HEM, CLOSED
  - SCALE 1:3
  - S.O. 6-1/8"" WEIGHT: 4.5 LBS.

- **HR-34 4" PERFORATED STRIP (HRPS)**
  - SCALE 1:5
  - S.O. 4"
  - WEIGHT: 3 LBS.
<table>
<thead>
<tr>
<th>FASTENER</th>
<th>DESCRIPTION</th>
<th>Size</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>#10 Woodfast Screw</strong>: Metal to wood, use for panel attachment to dimensional lumber. 1/4&quot; Hex head with waser. Available in painted and galvanized.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 x 1&quot;</td>
<td>100/Bag 3,000/Box</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 x 1-1/2&quot;</td>
<td>100/Bag 2,500/Box</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(available upon request)</td>
<td>100/Bag 2,000/Box</td>
</tr>
<tr>
<td></td>
<td><strong>#14 Woodfast Screw</strong>: Metal to wood, use for panel attachment to dimensional lumber. 5/16&quot; Hex head with waser. Available in painted and galvanized.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>14 x 1&quot;</td>
<td>100/Bag 2,500/Box</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(available upon request)</td>
<td>100/Bag 2,000/Box</td>
</tr>
<tr>
<td></td>
<td><strong>#12 Stitch Screw</strong>: Metal to metal, use for trim to panel, trim to trim and side lap attachment. 1/4&quot; Hex head with washer. Available in painted and galvanized.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>12 x 13/4&quot;</td>
<td>100/Bag 3,000/Box</td>
</tr>
<tr>
<td></td>
<td><strong>#12 Tek Screw</strong>: Metal to metal, use for panel attachment to metal purlins. 5/16&quot; Hex head with washer. Available in painted and galvanized.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>12 x 1&quot;</td>
<td>100/Bag 2,500/Box</td>
</tr>
<tr>
<td></td>
<td></td>
<td>12 x 1-1/2&quot;</td>
<td>100/Bag 2,000/Box</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(available upon request)</td>
<td>100/Bag 1,500/Box</td>
</tr>
<tr>
<td></td>
<td><strong>#14 Tek Screw</strong>: Metal to metal, use for trim to panel, trim to trim and side lap attachment. 5/16&quot; Hex head with washer. Available in painted and galvanized.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>14 x 7/8&quot;</td>
<td>100/Bag 2,500/Box</td>
</tr>
<tr>
<td></td>
<td><strong>#43 Rivet</strong>: Attaching trim to trim and trim to panel.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>43 x 1/8&quot;</td>
<td>100/Bag</td>
</tr>
<tr>
<td></td>
<td><strong>#6 Bugle Screw</strong>: Galvanized Bugle screws can be used for attaching the panels to a wood deck or substrate, spacing the screw about 18&quot; to 24&quot; along the fastening leg.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>#6 x 1&quot;</td>
<td>100/Bag</td>
</tr>
<tr>
<td></td>
<td></td>
<td>#6 x 1-5/8&quot;</td>
<td>100/Bag</td>
</tr>
<tr>
<td></td>
<td></td>
<td>#6 x 2-1/4&quot;</td>
<td>100/Bag</td>
</tr>
<tr>
<td></td>
<td></td>
<td>#6 x 2-1/2&quot;</td>
<td>100/Bag</td>
</tr>
</tbody>
</table>
# Through Fastener Accessories

<table>
<thead>
<tr>
<th>Nutsetter</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot; Magnetic</td>
<td></td>
</tr>
<tr>
<td>5/16&quot; Magnetic</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Butyl Mastic Tape</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8&quot; x 1/2&quot;</td>
<td>50 feet per roll</td>
</tr>
<tr>
<td>3/32&quot; x 3/4&quot;</td>
<td>50 feet per roll</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pipe Flashing No.</th>
<th>Temperature Rating: -30°F to 250°F</th>
<th>Temperature Rating: 250°F to 390°F</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Gray - Standard Round</td>
<td>Orange - High Temp.</td>
</tr>
<tr>
<td>#1</td>
<td>1/4&quot; to 2&quot;</td>
<td>-</td>
</tr>
<tr>
<td>#2</td>
<td>1-3/4&quot; to 3-1/4&quot;</td>
<td>-</td>
</tr>
<tr>
<td>#3</td>
<td>1/4&quot; to 3-1/4&quot;</td>
<td>-</td>
</tr>
<tr>
<td>#4</td>
<td>3&quot; to 6&quot;</td>
<td>3&quot; to 6&quot;</td>
</tr>
<tr>
<td>#5</td>
<td>4&quot; to 7&quot;</td>
<td>-</td>
</tr>
<tr>
<td>#6</td>
<td>5&quot; to 9&quot;</td>
<td>5&quot; to 9&quot;</td>
</tr>
<tr>
<td>#7</td>
<td>6&quot; to 11&quot;</td>
<td>6&quot; to 11&quot;</td>
</tr>
<tr>
<td>#8</td>
<td>7&quot; to 13&quot;</td>
<td>7&quot; to 13&quot;</td>
</tr>
<tr>
<td>#9</td>
<td>10&quot; to 18&quot;</td>
<td>10&quot; to 18&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pipe Flashing</th>
<th>Gray - Retrofit Round</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small</td>
<td>3-1/4&quot; to 2-3/4&quot;</td>
</tr>
<tr>
<td>Medium</td>
<td>2&quot; to 7-1/4&quot;</td>
</tr>
<tr>
<td>Large</td>
<td>3-1/4&quot; to 10&quot;</td>
</tr>
</tbody>
</table>
## Through Fastener Accessories

### Closures

<table>
<thead>
<tr>
<th>Closures</th>
<th>Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universal Closure</td>
<td>1&quot; x 1&quot; x 25'</td>
</tr>
<tr>
<td>Universal Closure</td>
<td>1-1/2&quot; x 1-1/2&quot; x 25'</td>
</tr>
<tr>
<td>Universal Closure</td>
<td>2 x 2 x 25'</td>
</tr>
<tr>
<td>Ultra-Panel, Hi-Rib, Wide-Rib™, 4-V Panel, PBR, Marion &quot;R&quot; Panel, GR7 - Outside Formed Closure (top of panel)</td>
<td>36&quot; coverage</td>
</tr>
<tr>
<td>Ultra-Panel, Hi-Rib, Wide-Rib™, 4-V Panel, PBR, Marion &quot;R&quot; Panel, GR7 - Inside Formed Closure (bottom of panel)</td>
<td>36&quot; coverage</td>
</tr>
<tr>
<td>2.5&quot; Corrugated Foam Closure</td>
<td>24&quot; coverage</td>
</tr>
<tr>
<td>Classic 7/8&quot; Corrugated Foam Closure</td>
<td>37&quot; coverage</td>
</tr>
<tr>
<td>HR-34™ Foam Closure</td>
<td>34&quot; coverage</td>
</tr>
</tbody>
</table>

### Caulking

<table>
<thead>
<tr>
<th>Caulking</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marco Weather-Tite™ Roof Sealant</td>
<td>available per tube or case</td>
</tr>
<tr>
<td>FlexSeal™ Sealant</td>
<td>available per tube or case</td>
</tr>
</tbody>
</table>

### Fly Screen

<table>
<thead>
<tr>
<th>Fly Screen</th>
<th>Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ridge Flyscreen - Fiberglass (used for vented ridge - over plywood)</td>
<td>8&quot; x 100' roll</td>
</tr>
</tbody>
</table>

### Touch-Up Paint

<table>
<thead>
<tr>
<th>Touch-Up Paint</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spray Can - Kynar 500® and ArmorTech (all colors)</td>
<td>5.5 oz.</td>
</tr>
<tr>
<td>Pen - Kynar 500® (Black, Glacier White, Sterling Grey, Zinc Grey, Charcoal Grey, Forest Green, Tile Red, Medium Bronze, Dark Bronze and Weathered Zinc)</td>
<td>*Special order for other colors</td>
</tr>
</tbody>
</table>

### Underlayment

- These Underlayerments are for roofs requiring plywood sheeting.

<table>
<thead>
<tr>
<th>Underlayment</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synthetic Roofing Underlayment</td>
<td>10 square roll</td>
</tr>
<tr>
<td>Self-Adhering Underlayment (high temperature)</td>
<td>2 square roll</td>
</tr>
</tbody>
</table>

### Insulation

- Custom length sizes available

<table>
<thead>
<tr>
<th>Insulation</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot; Blanket Insulation (VRR Backed)</td>
<td>6' x 27' roll</td>
</tr>
<tr>
<td>2&quot; Blanket Insulation (VRR Backed)</td>
<td>6' x 33' roll</td>
</tr>
<tr>
<td>2&quot; Blanket Insulation (VRR Backed)</td>
<td>6' x 39' roll</td>
</tr>
<tr>
<td>2&quot; Blanket Insulation (VRR Backed)</td>
<td>6' x 43' roll</td>
</tr>
<tr>
<td>2&quot; Blanket Insulation (VRR Backed)</td>
<td>6' x 50' roll</td>
</tr>
<tr>
<td>2&quot; Blanket Insulation (VRR Backed)</td>
<td>6' x 120' roll</td>
</tr>
</tbody>
</table>
### Through Fastener Accessories

<table>
<thead>
<tr>
<th><strong>Vapor Barrier</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dura-Skrim®</td>
<td>8' x 65', 8' x 125', 14' x 100', 14' x 155', 14' x 210', and 20' x 100' rolls</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Barrier Tape</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Insulation Tape</td>
<td>3&quot; x 150' roll</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Polycarbonate Panels</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Wide-Rib™ - White &amp; Clear</td>
<td>10', 12', 16,' &amp; 24' (please inquire for custom lengths)</td>
</tr>
<tr>
<td>Ultra-Panel - White, Clear &amp; (Smoke: 24&quot; only)</td>
<td>2', 8', 10', 12', 16,' &amp; 24' (please inquire for custom lengths)</td>
</tr>
<tr>
<td>PBR - White &amp; Clear</td>
<td>10', 12', &amp; 16' (please inquire for custom lengths)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Fiberglass Panels</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PBR - White</td>
<td>12' &amp; 16' (8oz) (please inquire for custom lengths)</td>
</tr>
<tr>
<td>Ultra-Panel - White</td>
<td>24' (5oz) (please inquire for custom lengths)</td>
</tr>
<tr>
<td>2.5&quot; Corrugated - White</td>
<td>12' (8oz) (please inquire for custom lengths)</td>
</tr>
<tr>
<td>Classic 7/8&quot; Corrugated™ - White</td>
<td>12' (8oz) (please inquire for custom lengths)</td>
</tr>
<tr>
<td>GR-7™ - White</td>
<td>24' (8oz) (please inquire for custom lengths)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Gutter Coil Stock 16-⅜&quot; Maximum - slit to your width (priced per lineal foot)</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Painted 26 GA Grade 50</td>
<td>Charcoal Grey, Sterling Grey, Glacier White, Tile Red, Pine Green, Forest Green, Pacific Blue, and Dark Bronze</td>
</tr>
<tr>
<td>Bare 24 GA Grade 55</td>
<td>Zincalume® Plus, AZ-55 <em>(No finish warranty – 25 yr. perforation warranty)</em></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Flat Stock</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>$35.00 Pallet Deposite Required</td>
<td></td>
</tr>
<tr>
<td>Painted 29 GA</td>
<td>40-7/8&quot; x 12-1/2'</td>
</tr>
<tr>
<td>Bare 29 GA</td>
<td>40-7/8&quot; x 12-1/2'</td>
</tr>
<tr>
<td>Painted 26 GA</td>
<td>43&quot; x 12-1/2&quot;</td>
</tr>
<tr>
<td>Bare 26 GA</td>
<td>43&quot; x 12-1/2&quot;</td>
</tr>
<tr>
<td>Painted 24 GA or 22 GA</td>
<td>48&quot; x 12-1/2' and 48&quot; x 10'</td>
</tr>
</tbody>
</table>
## Order Form

**Champion Metal**

Fax to: 425-485-2710  
PO #:  
Date:  
Time:  

**Agricultural** □  **Residential** □  **Commercial** □

### Panels with * need Pattern Choice:
- **Ultra-Panel**
- **Wide-Rib**
- **Hi-Rib**
- **PBR**
- **Marion “R” Panel**
- **2.5” Corrugated**
- **Classic 7/8” Corrugated**
- **HR-34**
- **4-V**
- **GR-7**

- **Ribs** □  **Striations** □  **Flat** □
- **Notched? Y / N**  **Clip Relief? Y / N**  **Sealant? Y / N**

### Panels with ** need Pattern Choice:
- **12” Snap-Loc**
- **12” Easy-Lock**
- **16” Easy-Lock**
- **16” StreamLine**

- **Perforated? Y / N**

### Color:

### Pitch:

### Gauge:

### Dmatch:

### Pallet:

### Panel & Flashing Items

- **All Kynar** Easy-Lock, Lifetime Soffit, SmoothWall, ShadowLine, Versa-Span, MS-150, & MS-200 flashings are 10’
- **All ArmorTech** Snap-Loc, StreamLine, Ultra-Panel, Wide-Rib, Hi-Rib, GR-7, PBR, Marion “R”, 4-V, HR-34 & Corrugated flashings are 12’6”

### Quantity  Length  Item Description  Part #

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Length</th>
<th>Item Description</th>
<th>Part #</th>
</tr>
</thead>
</table>

### Quantity  Length  Item Description  Part #

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Length</th>
<th>Item Description</th>
<th>Part #</th>
</tr>
</thead>
</table>

### Forgetting Anything?

- Underlayment?
- Screws?
- Clips?
- Caulking?
- Closures?
<table>
<thead>
<tr>
<th>Drawing #</th>
<th>Pitch</th>
<th># of Pieces</th>
<th>Description</th>
<th>Hems</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Open</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Closed</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Slightly Open</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Customer Name: ____________________________  Job Name: ____________________________

Gauge: __________  Color: ________________

Please provide a drawing for each flashing with precise measurements and angles
Fax to: 425-485-2710