

ACCESSORIES

M-CLIPS™ | RE2 | YETIGUARD™



M-Clips™

Hidden clips that fasten standing seam roof panels together

A standing seam roof is only as reliable as the clips that hold it all together.

Which is why Marco offers two types of clips made from premium steel, 18- 26-gauge, that will not fail under extreme heat, ice, rain or wind. We've ensured that the utmost quality is in your hands—our clips are completely free of burrs, preventing rust and other corrosion problems. Our clips are also inspected during the production process to guarantee all dimensions will match factory panel specifications.

Our statistical process control system maintains all dimensions and met tolerances to ensure the utmost precision and quality. While our competitors' lower grade steel clips may have burrs that cause leaks and rust, our M-Clips™ are made from premium grade steel that are free of burrs. Be sure your project is Weather-Tite™ with Marco's M-Clips.

As opposed to “thru-fastened” roofs, standing seam roofs are made of spring joints that fasten panels together along their edges. Because standing seam roofs are designed to float and the fasteners are concealed, they do not leak. Our clips function in much the same way—they are hidden, fastened to the roof while the panel is pressed down onto the clip, locking it in place. Simple, effective and absolutely reliable.

Whatever your standing seam roof requires—fixed mechanical seam clips, snap lock clips, or ClipScrews— we have you covered with the M-Clips roof clip system. Our Weather-Tite system keeps everything out of sight.



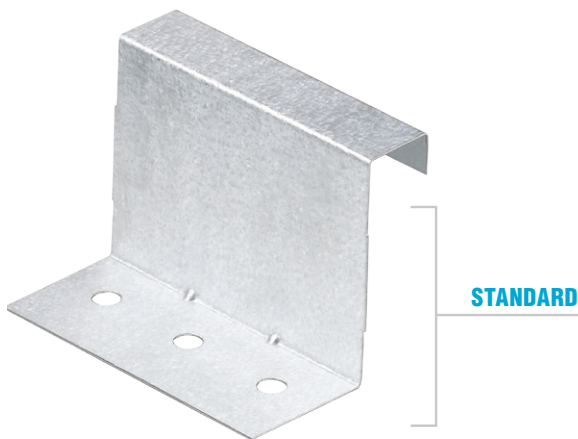
m-clips™

Mechanical Seam

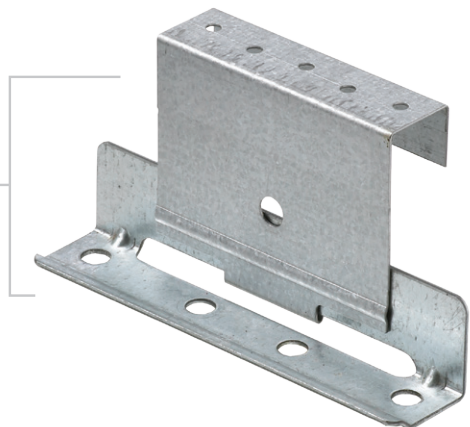
Our fixed mechanical seam clips keep everything in place—with a slider assembly that can stand up to extreme wind stress. The slider assemblies for panels over 40' allow for thermal expansion between the panels during intense hot or cold temperatures. Heavy duty to withstand all types of environments, including excessive heat, ice and wind.

MANUFACTURER PANEL NAME	CLIP NAME	STANDARD	ALTERNATE	GAUGES
Englert - A1300 Mechanical Seam Standard	1-5/8" Fixed Clip	MRC-107	MRC-128 - Slider Assembly	24
Englert - A1301 Mechanical Seam Special	1-1/8" Fixed Clip	MRC-105	MRC-205 - Slider Assembly	24
Englert - S2500 Mechanical Seam	2-1/8" Fixed Clip - N	MRC-108	MRC-129 - Slider Assembly	24 / 22
ESE - 1" Mechanical Seam	1-1/8" Fixed Clip	MRC-105	MRC-205 - Slider Assembly	24
ESE - 1-1/2" Mechanical Seam	1-5/8" Fixed Clip	MRC-107	MRC-128 - Slider Assembly	24
Knudson - KR-24 1.5" Mechanical Seam	1-5/8" Fixed Clip	MRC-106	MRC-134 - Slider Assembly	24
Knudson - KR-24 2" Mechanical Seam	2-1/8" Fixed Clip - N	MRC-108	MRC-129 - Slider Assembly	24 / 22
Metal Forming - 1" Mechanical Lock	1-1/8" Fixed Clip	MRC-105	MRC-205 - Slider Assembly	24
Metal Forming - 1.5" Mechanical Lock / Quadra Pro - TM	1-5/8" Fixed Clip	MRC-107	MRC-128 - Slider Assembly	24
Metal Forming - 2" Mechanical Lock / Quadra Pro - TM	2-1/8" Fixed Clip	MRC-145	MRC-146 - Slider Assembly	24 / 22
New Tech - SS100 Mechanical Seam	1-1/8" Fixed Clip	MRC-105	MRC-205 - Slider Assembly	24
New Tech - SS150 1.5" Mechanical Seam	1-5/8" Fixed Clip	MRC-107	MRC-128 - Slider Assembly	24
New Tech - SS200P - 2" Mechanical Seam	2-1/8" Fixed Clip - M	MRC-108	MRC-129 - Slider Assembly	24 / 22
New Tech - SS210A - 2" Mechanical Seam	2-1/8" Fixed Clip - M	MRC-109	MRC-144 - Slider Assembly	24 / 22
Roll Former - VS-150 1" Mechanical Seam	1-1/8" Fixed Clip	MRC-105	MRC-205 - Slider Assembly	24
Roll Former - VS-150 1-1/2" Mechanical Seam	1-5/8" Fixed Clip	MRC-107	MRC-128 - Slider Assembly	-
Roll Former - VS-150 1-1/2" Mechanical Seam Plus 50 Profile	1-5/8" Fixed Clip	MRC-107	MRC-128 - Slider Assembly	24

*Contact Marco for more options.



SLIDER ASSEMBLY

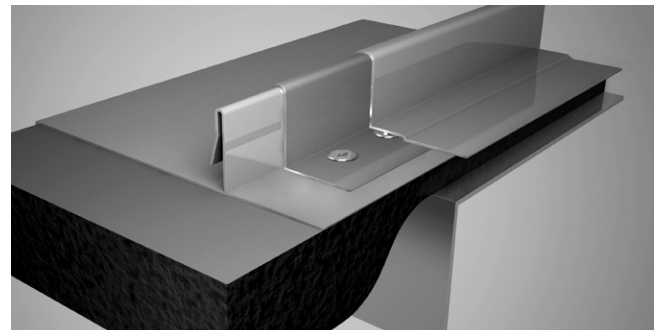
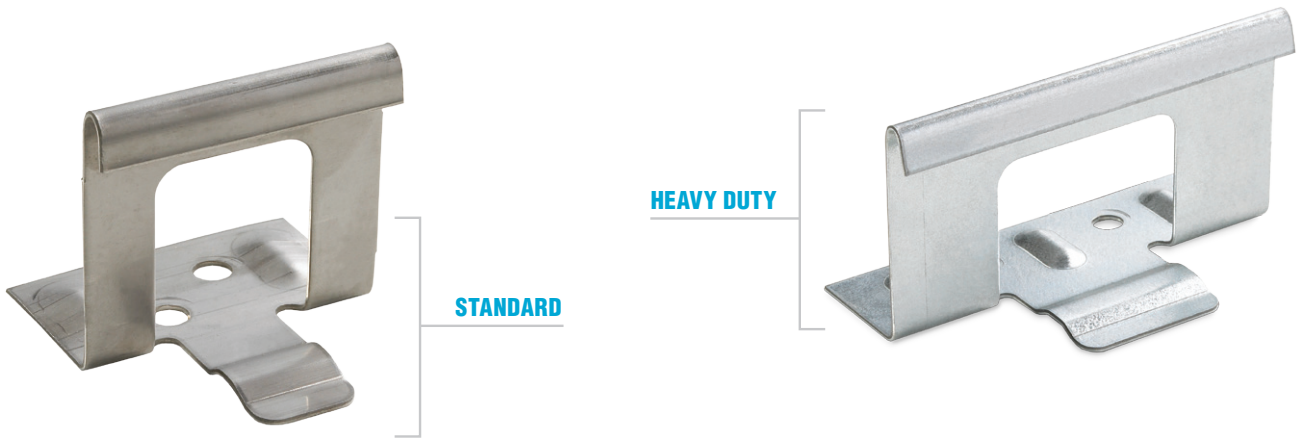


Snap Lock

Our hard-working snap lock clips make attaching roof panels a snap. Use Marco screws to secure and simply snap your roof into place. Heavy-duty to withstand all types of environments, including excessive heat, ice and wind.

MANUFACTURER PANEL NAME	CLIP NAME	STANDARD	ALTERNATE
Englert - A1500 Snap Lock	1-1/2" Snap Lock Clip	MRC-112	MRC-115 - Heavy Duty 3-1/2" Base
Englert - S2000 Snap Lock	1-3/4" Snap Lock Clip	MRC-100	MRC-113 - Heavy Duty 3-1/2" Base
Metal Forming - 1" Snap Seam / Quadra Pro - TM	1" Snap Lock Clip - Heavy Duty	MRC-130	-
Metal Forming - 1.5" Snap Seam / Quadra Pro - TM	1-1/2" Snap Lock Clip	MRC-112	MRC-115 - Heavy Duty 3-1/2" Base
Metal Forming - 1.75" Snap Seam / Quadra Pro - TM	1-3/4" Snap Lock Clip	MRC-101	MRC-114 Heavy Duty 3-1/2" Base
New Tech - SS675 - 1-3/4" Snap Lock	1-3/4" Snap Lock Clip	MRC-101	MRC-114 - Heavy Duty 3-1/2" Base
Zimmerman - SL-1000 1" Snap Lock	100 SLZ - Snap Lock	MRC-103	-
Zimmerman - SL-1500 Heavy Duty 1-1/2" Snap Lock	100 SLZ - Snap Lock	MRC-103	-
Zimmerman - SL-1750 1-3/4" Snap Lock	1-3/4" Snap Lock Clip	MRC-101	MRC-114 - Heavy Duty 3-1/2" Base

*Contact Marco for more options.



M-Clips Installation

Like all other Marco products, our clip screws are made of heavy-duty alloys that stand up to tough rooftop conditions. Both our ClipScrews and UltraLo models fasten smoothly and securely to prevent canning on roof panels—a hallmark of poor product quality.



ClipScrews

Standard clip screws have regular profile heads. When those regular clip screws don't fasten tight, it can cause dimpled roof panels and result in serious loose panel problems. Problem solved with Marco's low profile ClipScrews – available in both QuikGrip™ and QuikDrill™.

QuikGrip™ and QuikDrill™ ClipScrews™ have a deep thread that pulls the fastener tighter and resists pullout better. And with the 17pt special thread design, you'll get an even quicker drill or grip on 24 and 26 ga. metal.

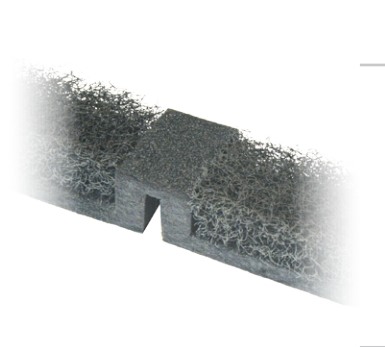


ULTRALO

For a low profile clip screw that causes absolutely no canning or telescoping – which can add a “wavy” appearance to your standing seam roof – choose Marco's UltraLo ClipScrews.

UltraLo's head is 45% lower than a standard clip screw. It is also designed with an aggressive double lead thread for faster installation. Available in a regular #2 Phillips Square Wafer head and 36° point, this heavy-duty clip screw is made to last.

To make sure that your standing seam roof is truly Weather-Tite, make sure to ventilate the ridgecap with LP2 – a durable, non-woven, and non-wicking custom profile ridge vent that is flame and tear resistant.



Custom contours fit any pitch, all major metal roof profiles, for either ridge cap application or roof-to-wall applications. LP2™ creates a low-profile look and a seal that helps keep out moisture. Python™ is a single-layer, non-fabric-covered ridge vent re-cycled material made from silicone-coated fibers that prohibit clogging. This strong, durable, modified polyester allows the greatest air flow in and out of the attic. The special cut contours plus a 2" Marco closure create an incredible WEATHER TITE™ seal to help keep out moisture, insects, dust, and plant materials.

M-Clips™ represent yet another Marco Industries technological development in bringing you innovative, higher quality, and more economical products for the building industry.



To order: 1.800.800.8590 | MarcoIndustries.com | info@MarcoIndustries.com



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Marco Industries: 800.800.8590 / MarcoIndustries.com

One element of the Marco WEATHER-TITE™ SYSTEM

Polyethylene Foam Spacer System

Use RE2™ instead of wood spacers to solve common re-roofing problems. RE2 acts as a spacer between the old shingles and the new metal roof, providing air flow and ventilation.

Revolutionary RE2 is manufactured with high density polyethylene foam. Lightweight, strong and won't decay or corrode the metal roof installed over it. RE2 will not warp, which causes the metal to crease.

RE2 is sold in two 150-foot, easy-to-handle rolls. Simply roll it across the old shingled roof, tack it down (with the 50 nails included), and install the metal roof on top.

The initial cost of RE2 is comparable to using wood spacers. It is easy to handle and install and also increases installation efficiency. Does not require heavy tools.

RE2 doesn't warp like wood, resulting in fewer customer callbacks.



- Eliminate tear-off
- Easy to install
- No more warped wood furring
- Cost comparable to wood, increases profitability
- Will not decay, corrode, or crease metal

Retro Fit

Remove the re-roofing danger, expense and hassle of wood furring with RE2™





FOAM CLOSURES

SEALANTS

VENTILATION

FLASHING

DOORS

FASTENERS

UNDERLAYMENT



Marco Weather-Tite® System Advantage

With Marco's Rapid Response™ get more of what you need faster and easier. Take advantage of free shipping with low minimum orders. Marco - we're big on customer service and small on hassle. Build it smart. Buy it smarter.

SPECS & EASY INSTALL

See our installation animations online at MarcoIndustries.com



Unroll across existing shingle roof



Tack with staple gun or nails, install metal roof on top



You will need these products also:

TITEBOND
Metal roof sealant



X SEAL
Expandable foam tape



PROPERTY	STANDARD	VALUE
Compressive Strength - Vertical direction (psi)	ASTM D3575-00	3.8
Compression Set (%)	ASTM D3575-00	< 30
Tensile Strength (psi)	ASTM D3575-00, suffix T (md / cmd)	58, 30
Elongation	ASTM D3575-00, suffix T (md / cmd)	86, 60
Tear Resistance (lb/in)	ASTM D3575-00, suffix G (md / cmd)	11, 17
Density Range (lb/ft ³)	ASTM D3575-00	1.5-1.9
Water Absorption (lb/ft ³)	ASTM D3575-00, suffix L	< 0.1
Thermal Stability	ASTM D3575-00, suffix S	< 5%
Contact Corrosivity (Alum. Plate)	Method 3005 FED STD. 101	None
Static Decay (anti-static grade)	EIA STD. 541 Appendix F	< 2 sec.
Surface Resistivity (anti-static grade)	EIA STD. 541, section 4.3	1.0 x 10 ⁹ - 1.0 x 10 ¹²
Thermal Conductivity k-value (BTU-IN / HR-FT ² -°F)	ASTM C518-91	0.35-0.42
Thermal Resistance R - Value (HR-FT ² -°F / BTU)	ASTM C518-91	1.30-1.60

RE2™ represents yet another Marco Industries development in bringing you innovative, higher quality, and more economical products for the building industry.

MarcoIndustries.com

1.800.800.8590





- Highest quality polycarbonate material provides optimal strength
- Reinforced struts for additional holding power
- 1.5" base will fit 95+% of roof panels
- UV Resistant
- Lifetime warranty*

Hold Snow & Ice

Eliminate movement of snow and ice with Yeti Guard

Yeti Guard™ is the practical, low-cost and aesthetically pleasing solution to the problem of sliding snow and ice off of metal roofing.

Featuring a low profile, the forward mounted 3" x 5" snow guard is virtually invisible, UV resistant, and fits most roof panels without rib straddling. Yeti Guards can be mechanically fastened with Marco's QuikGrip metal-to-wood fasteners, QuikDrill

metal-to-metal fasteners, or adhered with Surebond SB-190 adhesive. And, unlike other snow guards, Yeti Guard is made out of highest quality polycarbonate material with reinforced struts, for additional holding power.

Yeti is made in the USA and includes a lifetime warranty. Order with other Marco Weather-Tite™ products today to meet the low minimums required for free shipping.



YETI GUARD™

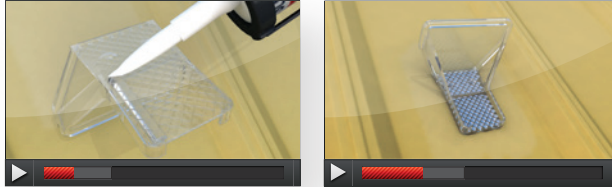
SPECS & EASY INSTALL

See our installation animations online at MarcoIndustries.com



Installation is easy with Surebond and QuikGrip

ADHESIVE APPLICATION



SUREBOND SEALANT
Adhesive sealant for a number of surfaces

MECHANICAL APPLICATION



QUIKGIP™
Metal to wood fastener
14x2"



WEATHER-TITE
Metal roof sealant

FOAM CLOSURES

SEALANTS

VENTILATION

FLASHING

FASTENERS

UNDERLAYMENT



- 3"x5" with 1.5" base
- Clear color
- Holds over 3400 pounds when mechanically fastened (#14 QG)
- UV stable, Lexan® polycarbonate
- Holds over 1300 pounds when attached with adhesive (SB-190)
- Zero hazardous materials and eco-friendly
- Recyclable

YetiGuard™ represents yet another Marco Industries development in bringing you innovative, higher quality, and more economical products for the building industry.

Marco Weather-Tite®
System Advantage

With Marco's Rapid Response™ get more of what you need faster and easier. Take advantage of free shipping with low minimum orders. Marco - we're big on customer service and small on hassle. Build it smart. Buy it smarter.

MarcoIndustries.com

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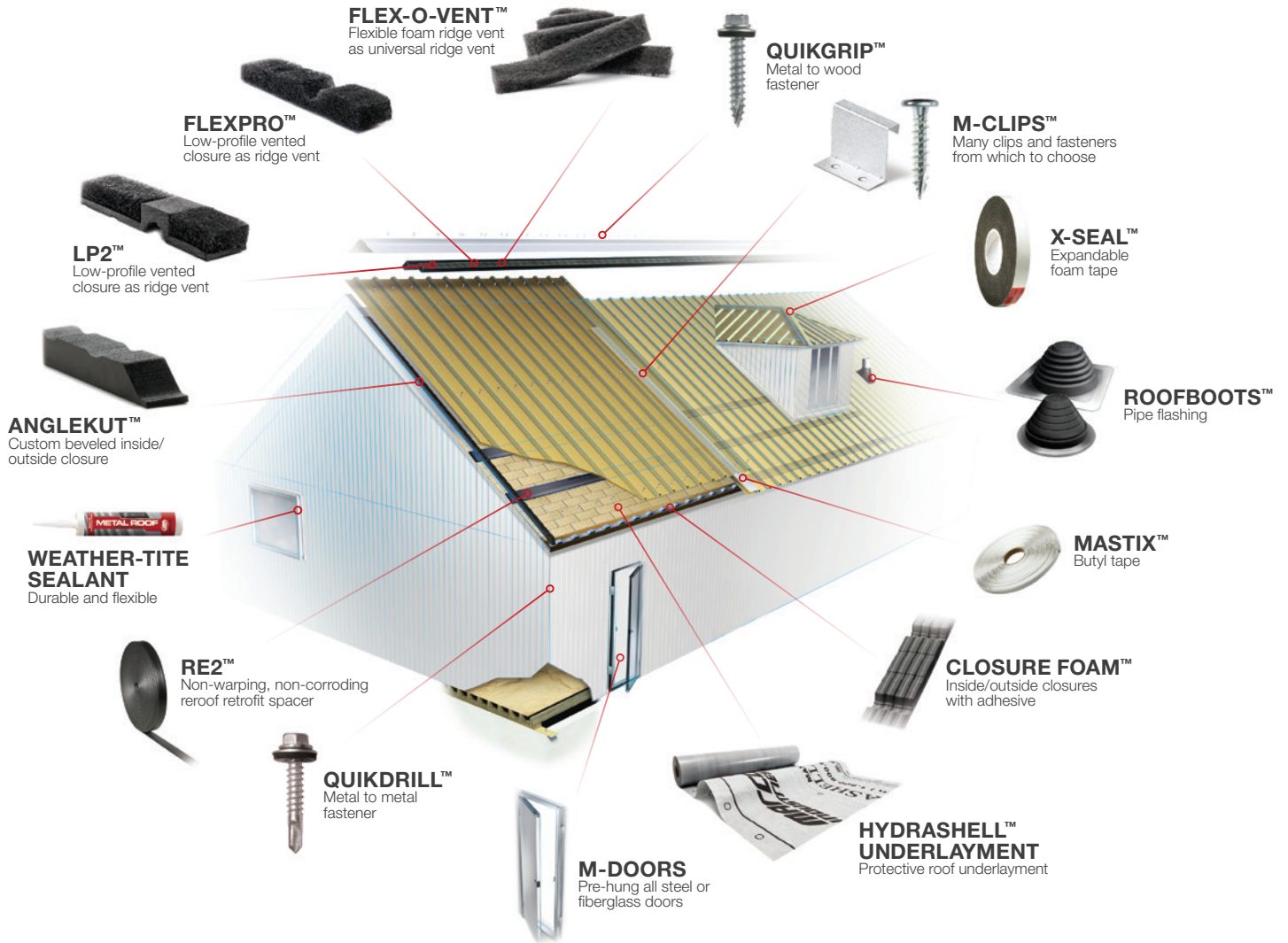


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Marco Industries Canada: 1632 Broder Street | Regina, Sask S4N 7K1 | 1.866.244.7573 | Fax: 1.306.775.0072

Value Through The Roof. Value drives everything we do. That's why we've delivered industry-leading products for more than twenty years. And that's why we developed the Marco Weather-Tite System — a comprehensive *line* of products that offers easy installation, remarkable building ventilation, lower utility costs, extreme durability, and outstanding warranties for your metal roof and wall systems. If you want to build it right, buy it smart. Get more quality, more performance and more value ... from Marco.

The Marco Weather-Tite™ System



Value through the Roof.

800.800.8590 / MarcoIndustries.com



Marco's Rapid Response™ delivers, faster and easier. Take advantage of free shipping with low minimum orders.