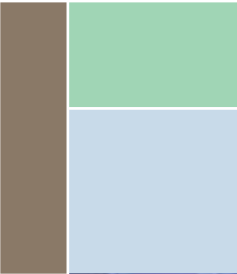


sentrigard
metal roofing systems



Better product.
Better process.
Better results.



Innovation in contractor-manufactured
metal roofing systems





Revolutionizing contractor-manufactured metal roofing

Sentrigard™ Metal Roofing Systems bring everything together.

Our systems provide control and flexibility to meet the most demanding construction schedules.

Sentrigard offers multiple panel assemblies to satisfy an increasingly sophisticated market. Panel systems include traditional mechanical lock standing seam, innovative snap lock, economical nail strip, and decorative flush panels.

Manufactured exclusively on the Schleich Quadro-Plus rollformer, Sentrigard Metal Roofing Systems redefine the standard for site-fabricated metal roofing. The Quadro-Plus gives you the flexibility of on-site fabrication of multiple profiles and the quality of in-plant manufacturing on a single rollforming machine.

From residential to commercial, and from architectural to structural, Sentrigard Metal Roofing Systems meet the challenge for any type of building design. Sentrigard systems feature panel assemblies that meet the most stringent testing requirements and ensure long-term performance.

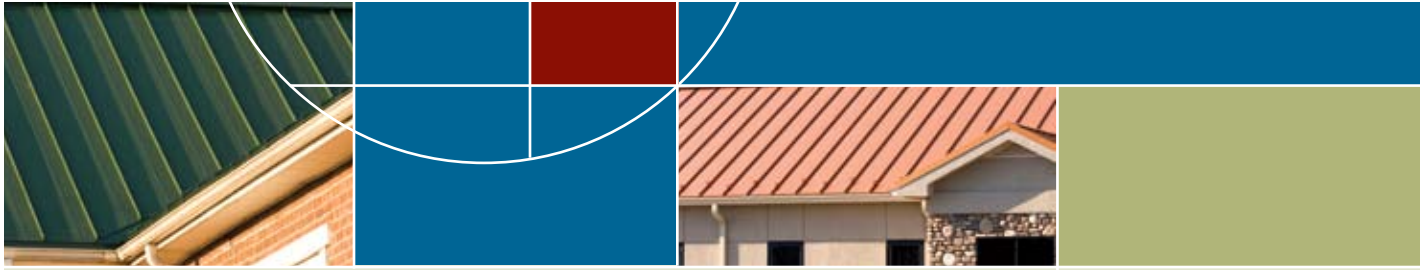
Sentrigard Metal Roofing Systems exclusively feature Sentriclad™ Architectural Metals. Sentriclad Architectural Metals are offered in 30 colors, made from durable alloys of Galvalume® and aluminum, and are available with Kynar 500 finish.

Sentrigard Metal Roofing Systems are exclusively distributed through N.B. Handy Company and Morris Ginsberg & Co. (an N.B. Handy company). N.B. Handy has been a market leader in architectural sheet metal products and machinery for more than 100 years.

Better product. Better process. Better results.



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On-site fabrication: bringing the solution closer to the job

The ability to take manufacturing to the jobsite has become critical for efficient metal roofing fabrication and installation.

Sentrigard Metal Roofing Systems offer the flexibility to produce all panels at your facility or the jobsite.

Sentrigard Metal Roofing Systems reduce storage and theft concerns while eliminating those of material handling and delivery. Jobsite rollforming also allows panels of extreme length to be manufactured on site where shipment of panels is not practical or cost effective.

Best of all, Sentrigard Metal Roofing Systems give you a unique ability to respond to any unanticipated needs...as even the simplest jobs never go exactly as planned.

Construction demands are tougher and timelines are tighter than ever. The capacity to manufacture panels on site gives you the ability to meet tough construction demands while manufacturing a quality metal roofing system.

Quick change artist: One machine handles a multitude of profiles

The Schleich Quadro-Plus is a rollforming workhorse with unlimited possibilities. By teaming the Sentrigard Metal Roofing Systems with the Quadro rollforming machine, you can make multiple panel profiles and allow your company to have one machine for all of your installations. The Quadro can be used at your shop or transported to the jobsite.

With the durable Quadro-Plus, you can zip through 10 different profiles in minutes, instead of hours. The simplicity of the Quadro-Plus allows you to convert most profiles with a flip of a cassette. The revolutionary Schleich Quadro-Plus produces perfectly rollformed panels for 1-inch and 1.5-inch mechanical lock, snap lock, nail strip, 1.75-inch snap lock, and 2-inch structural mechanical lock, plus 1-inch flush panels.

The Quadro's Independent Hybrid Drive System offers the flexibility to make "starter panels" (double female, double male) and tapered panels. Every Quadro-Plus delivers options in slitting, tapering, and cutting through an advanced factory-aligned cassette system, and the hybrid drive system, which reduces oil canning. Other features on the Quadro-Plus include striations and ribbing attachments, notching attachments, and digital batch controller. The Quadro-Plus is sold and serviced exclusively through N.B. Handy Company.





PANEL SYSTEMS

Sentrigard has an innovative solution for virtually any application suited for the advantages of metal roofing. Our wide range of profiles meet the technical demands of any installation, from a modest home to a large commercial projects or an intricate institutional application.

NS100



1" Nail Strip Panel

- Low-Profile Architectural Standing Seam Metal Roofing System
- Ideal for residential and light commercial applications
- Low-profile clipless system for fast, easy installation
- Streamlined look for smaller roofing applications

NS150



1.5" Nail Strip Panel

- Architectural Standing Seam Metal Roofing System
- Ideal for residential and light commercial applications
- The economy and speed of a clipless panel
- Higher profile for added strength on larger jobs
- More prominent seam has the look of a traditional standing seam roof

SL100



1" Snap Lock Panel

- Low-Profile Architectural Standing Seam Metal Roofing System
- Ideal for residential and light commercial applications
- Specially designed clip allows thermal movement
- Tested panel for rated assemblies achieves higher performance levels

SL150



1.5" Snap Lock Panel

- Architectural Standing Seam Metal Roofing System
- Ideal for residential and light commercial applications
- Specially designed clip allows thermal movement
- Tested panel for rated assemblies achieves higher performance levels

SL175



1.75" Snap Lock Panel

- Structural Standing Seam Metal Roofing System
- Commercial profile for multiple deck and slope applications
- Combines optimum performance with excellent value
- Specially designed clip allows thermal movement
- Tested panel for rated assemblies achieves higher performance levels

ML100



1" Mechanical Lock Panel

- Classic Low Profile Architectural Standing Seam Metal Roofing System
- Ideal for residential and light commercial applications
- Specially designed clip allows thermal movement
- Tested panel for rated assemblies achieves higher performance levels
- Mechanical locked seam for weather tight performance
- Excellent for roofing installation requiring exotic metals such as copper and terne

ML150



1.5" Mechanical Lock Panel

- Classic Architectural Standing Seam Metal Roofing System
- Ideal for residential and light commercial applications
- Specially designed clip allows thermal movement
- Tested panel for rated assemblies achieves higher performance levels
- Mechanical locked seam for long-term, weather tight performance
- Excellent for roofing installation requiring exotic metals such as copper and terne

ML200



2" Mechanical Lock Panel

- Structural Standing Seam Metal Roofing System
- Commercial profile for multiple deck and slope applications
- Combines optimum performance with excellent value
- Specially designed clip allows thermal movement
- Tested panel for rated assemblies achieves higher performance levels
- Mechanical locked seam for long-term, weather tight performance

FP100



1" Interlocking Flush Panel

- Flush panel system designed for use in soffit, mansard, and wall applications
- 15-inch-wide flush panel system provides a smooth, flat surface to complement any architectural metal roofing system

FPR100



1" Flush Panel w/Reveal

- Flush panel system designed for use in soffit, mansard, and wall applications
- A 14-inch flush panel system that yields a 1-inch reveal in the panel profile
- Adds depth, texture, and additional strength to the panel profile



Tried and true: testing and warranties

Sentrigard panel assemblies have been through rigorous testing to ensure optimum performance in a wide range of conditions, including the tough High Velocity Hurricane Zone (HVHZ) performance criteria. The HVHZ certification is composed of two tests, both for wind uplift and air and water infiltration.

Sentrigard Metal Roofing Systems have identified the state of Florida's test protocols as the most proactive and stringent testing requirements for structural and non-structural (architectural) metal roofing systems. Sentrigard Panel Assemblies are tested in accordance with the following Florida Test Application Standards (TAS): TAS 100-95 – Test Procedure for Wind and Wind Driven Rain of Discontinuous Roof Systems; TAS 125-03 – Standard Requirements for Metal Roofing Systems. Panel profiles that have passed both test protocols are by law approved for use in High Velocity Hurricane Zones.

You can be confident with Sentrigard systems because of our testing, but we further back our commitment with our exceptional Sentrigard Weather Tight warranty program.

	HVHZ RATED	NON-HVHZ	FLORIDA PRODUCT APPROVAL	RADIUS CURVING	SOLID SUBSTRATE	OPEN FRAMING	SNAP SEAM	MECHANICAL LOCK SEAM	WEATHER TIGHT WARRANTY	CLIP	CLIPLESS	TAS 100	TAS 125
ML100	x	x	x	x	x			x		x		x	x
ML150	x	x	x	x	x			x	x	x		x	x
ML200	x	x	x		x	x		x	x	x		x	x
SL100	x	x	x		x		x			x		x	x
SL150	x	x	x		x		x		x	x		x	x
SL175	x	x	x		x	x	x		x	x		x	x
NS100		x	x		x		x				x		x
NS150	x	x	x		x		x				x	x	x
FP100					x	x					x		
FPR100					x	x					x		

Sentriclad Specifications

- Choose from 30 different colors from Sentriclad Architectural Metals
- Finish coating is a 70% Kynar 500/Hylar 5000 paint finish that is applied to the metal substrate on a continuous, reverse roll coat paint line
- Finish is a premium baked-on coating specifically designed to meet the functional and aesthetic requirements of many architectural, industrial, and commercial construction applications
- Metal substrate availability includes Galvalume (AZ50) steel and 3000 series aluminum
- Primary gauges include 24ga Galvalume and 032, 040, 050, and 063 aluminum
- Sentriclad finish carries a 30year limited warranty
- Sentriclad can be incorporated into LEEDspecified architecture, has earned the Energy Star® designation, and is available in "Cool Colors"

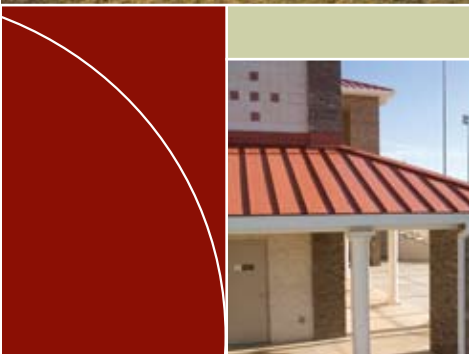


				
Regal White* IR = .68 IE = .9	Bone White* IR = .65 IE = .9	Stone White* IR = .62 IE = .9	Almond* IR = .57 IE = .9	Sandstone* IR = .51 IE = .9
				
Surrey Beige* IR = .41 IE = .9	Sierra Tan* IR = .38 IE = .9	Slate Gray IR = .22 IE = .9	Musket Gray IR = .15 IE = .9	Medium Bronze IR = .10 IE = .9
				
Mansard Brown IR = .08 IE = .9	Dark Bronze IR = .07 IE = .9	Old Town Gray* IR = .25 IE = .9	Hemlock Green IR = .21 IE = .9	Patina Green* IR = .26 IE = .9
				
Teal IR = .13 IE = .9	Classic Green IR = .14 IE = .9	Hartford Green IR = .09 IE = .9	Charcoal Gray IR = .10 IE = .9	Matte Black IR = .07 IE = .9
				
Slate Blue IR = .22 IE = .9	Regal Blue IR = .16 IE = .9	Apothecary Blue ^P IR = .26 IE = .9	Burgundy* IR = .25 IE = .9	Colonial Red IR = .23 IE = .9
				
Terra Cotta* IR = .38 IE = .9	Banner Red* ^P IR = .48 IE = .9	Pewter ^P IR = .23 IE = .9	Bright Silver* ^P IR = .57 IE = .8	Bright Copper* ^P IR = .45 IE = .9



* Energy Star® approved for steep slope applications
 IR Initial Reflectivity
 IE Initial Emissivity
^P Subject to premium pricing

Colors shown are as close to actual colors as allowed by the printing process. Actual metal samples available. Due to product improvements, changes and other factors, we reserve the right to change or delete information herein without prior notice.



What you need. When you need it. Where you want it.

Ten different profiles, 30 different colors, and one revolutionary rollformer that can meet all your metal roofing needs. So where can you get Sentrigard Metal Roofing Systems? The answer is N.B. Handy Company.

Products are shipped from N.B. Handy's 18 strategically located distribution centers on special curtain-sided delivery trucks. The delivery trucks not only keep products free from the elements but also give us the flexibility to unload your product in a variety of conditions.

Ultimately, the strength of the product can only be as great as the people who back it. Each one of our distribution centers has a representative to assist you with all your metal roofing needs. Additional architectural metal roofing products like copper, terne, rolled roofing, and roof drainage components are also available. From underlayments to clips and screws, we can provide you with all of the elements needed to install your metal roof.

N.B. Handy offers a myriad of metal fabrication machinery to manufacture your own sheet metal trim products, as well as other specialty sheet metal fabrication machinery. We also offer unsurpassed technical support, service, and product innovation.

Sentrigard Metal Roofing Systems are the culmination of a century of engineering, experience, and innovation.

Offered exclusively through



www.sentrigard.com
877-495-7663