



**Panel: NRM-6000**  
**Color: Weather Copper**  
**Architect: Six Walls Architecture**

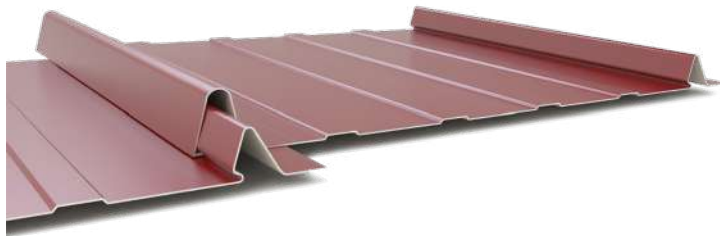
## **NRM-5000/6000 PANELS • Snap-Lock Panel**

**NRM-5000 and NRM-6000** panels are designed for roofing applications, mansards, canopies and fascia. The one-piece design of the snap-lock panels minimizes labor and allows for quick and easy installation. Snap-lock panels are to be factory roll-formed in continuous lengths. Maximum length is 44' 0" and minimum length is 4' 0".

Standard panel widths are 12" (NRM-5000) and 16" (NRM-6000). Optional pencil ribs or striations can be added at no additional cost.

### **FASTENERS**

For roofing applications, use wood-type screws fastened on 24" centers. Other screw types are available applications over structural steel and steel decking.



### **TRIM**

All flashing and trim shall be fabricated by Nu-Ray Metals or a qualified fabricator. Flashings for this panel shall be 26 or 24 gauge steel.

### **INSTALLATION**

For roofing applications, Nu-Ray's snap-lock panels shall be installed over solid decking ( $\frac{5}{8}$ " plywood, nail-board insulation or equivalent, with an underlayment of 30# roofing felt applied horizontally from eave to ridge.) Panels shall be fastened on 24" centers (max.). Minimum roof pitch is 3:12.

### **HANDLING**

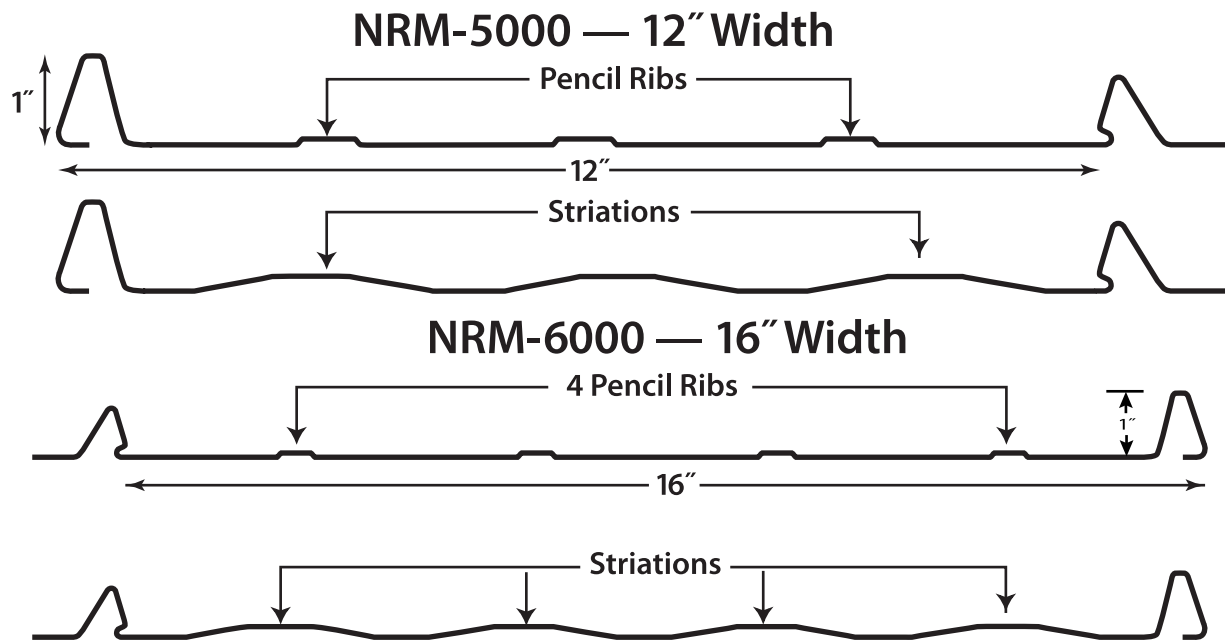
Vinyl masking is provided on all steel sheet to help protect materials where extra handling is expected.

### **WARRANTY**

A 40-year non-prorated finish warranty can be supplied covering finish performance.



# NRM-5000 & NRM-6000 Snap-Lock Concealed Fastener Panel



## NRM-5000 and NRM-6000 FEATURES

- Excellent panel for architectural, commercial and industrial roof, mansard, canopy and fascia applications
- Snap-lock design
- Great load and span capacities
- Apply over open framing or solid substrates
- Long-length crating available
- Minimum 3:12 roof pitch
- UL 580 Class 90 Rated and Listed

**PANEL DEPTH :** 1"

**PANEL COVER WIDTH :** 12" (NRM-5000) and 16" (NRM-6000)

**PANEL LENGTHS:** 4' 0" to 44' 0" standard

## METAL OPTIONS

- 24 and 26 gauge G90 or AZ50 steel
- 16 oz. or 20 oz. natural copper (special order)

## SURFACE OPTIONS

- 3 pencil ribs (12" NRM-5000 panel)
- 4 pencil ribs (16" NRM-6000 panel)
- Striations

## FINISHES

- D2 Kynar 500® ULTRA-Cool™
- D2 Kynar 500® with Ocean Guard ULTRA-Cool™
- Zinalume Plus\*
- Standard Kynar 500® ULTRA-Cool™

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## 24 GAUGE PANELS x 12" WIDE

Gauge	Span	Condition	2' 0" Span	2' 6" Span	3' 0" Span	3' 6" Span	4' 0" Span	4' 6" Span	5' 0" Span
24	Single	L/240	78	50	35	24	16	11	8
24	Double	L/240	87	55	38	28	21	17	14
24	Triple	L/240	101	65	45	33	25	20	16

## 24 GAUGE PANELS x 16" WIDE

Gauge	Span	Condition	1' 6" Span	2' 0" Span	2' 6" Span	3' 0" Span	3' 6" Span	4' 0" Span
24	Single	L/240	88	50	32	22	16	12
24	Double	L/240	78	44	28	20	14	11
24	Triple	L/240	90	51	33	23	17	13

All calculations for panel properties have been made in accordance with the 1996 edition of "Specification for Cold-Formed Steel Design Manual" published by the American Iron and Steel Institute. Material: FY = 40 KSI for steel panels minimum. All loads are in PSF. Minimum panel support bearing length = 3.00 in. Loads shown are limited by L/240 deflection.



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Questions? Contact our Technical Department at  
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