



Color: Vintage®

Installer: Elite Development

## NRM-1750 PANELS • Snap-Lock + Floating Clip System

**NRM-1750** panels combine architectural panel aesthetics with structural panel performance. The panel is produced in continuous lengths. Optional factory-applied seam sealant improves weather resistance. Factory eave notching aids in installation of hook eave flashing. Maximum panel length is 58' 0". Minimum panel length is 4' 0".

NRM-1750 features 1 $\frac{3}{4}$ " leg height and continuous interlock for enhanced structural performance and wind resistance. A concealed clip system allows thermal expansion/contraction while providing extraordinary hold-down strength. Two clips are available: a standard clip for mansard and fascia applications; and a high performance clip for UL 90 Rated roof installations.

### FASTENERS

For roofing applications, use wood-type screws fastened on 18" 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 are 26 or 24 gauge steel.

### INSTALLATION

For roofing applications, Nu-Ray's 1750 panels shall be installed over solid decking ( $\frac{5}{8}$ " plywood, nailboard insulation or equivalent) with an underlayment of 30# (minimum) roofing felt applied horizontally from eave to ridge. Panels shall be fastened on 18" centers (maximum). Minimum roof pitch is 3:12.

### HANDLING

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

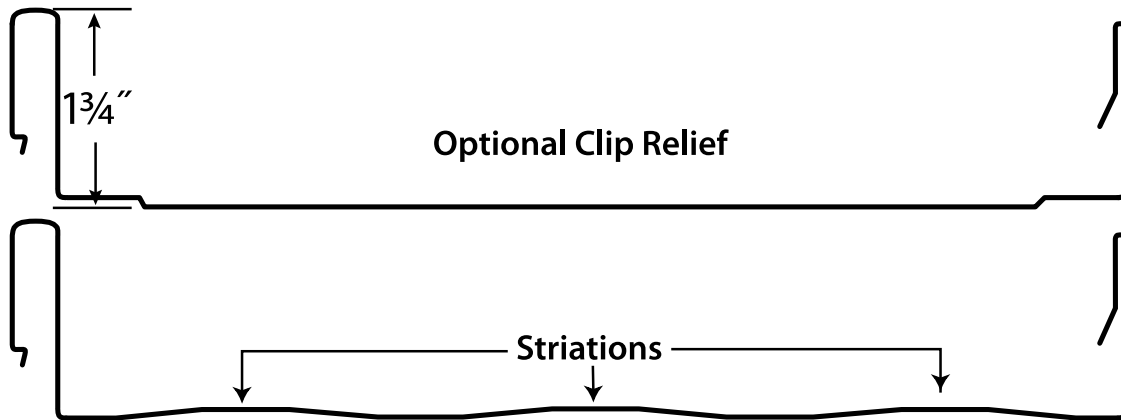
### WARRANTY

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



**Nu-Ray Metals**  
*Steel Roofing & Siding Products*

# NRM-1750 Concealed Fastener Panel



## NRM-1750 FEATURES

- Excellent panel for architectural, commercial and industrial roof applications
- Factory-injected seam sealant available as an option
- Great load and span capacities
- Apply over open framing or solid substrates
- Factory notching (1 3/8") available as an option
- Minimum 3:12 roof pitch
- UL 580 Class 90 Rated and Listed

**PANEL DEPTH:** 1 3/4"

**PANEL WIDTHS:** 14", 16", 17" or 18"

**PANEL LENGTHS:** 5 ft. to 45 ft. standard

## METAL OPTIONS

- 22, 24 and 26 gauge G90 or AZ50 steel
- .032 and .040 aluminum
- 16 oz. or 20 oz. natural copper

## SURFACE OPTIONS

- Smooth/flat
- Two outside rib clips
- 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 16" 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	222	177	148	108	83	65	52
24	Double	L/240	174	112	78	57	44	34	28
24	Triple	L/240	201	130	91	67	51	40	32

### 24 GAUGE PANELS x 18" 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	197	158	131	97	74	58	47
24	Double	L/240	155	100	70	51	39	31	25
24	Triple	L/240	179	116	81	59	45	36	29

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.

**Nu-Ray Metals**  
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