



Color: Old Town Gray
Installer: Emerald City Roofing

NRM-2000 PANELS • Mechanically Seamed

NRM-2000 panels are ideal for low-slope applications, combining structural panel performance with architectural panel aesthetics. Optional factory-applied seam sealant can be applied for additional weather resistance on low-slope applications. Maximum panel length is variable as Nu-Ray has the capability to form continuous panels on site for long roof sections. Maximum factory-formed panel length is 44' 0". Minimum panel length is 4' 0".

NRM-2000 features 1½" leg height that requires mechanical field seaming after installation. The panel employs a concealed-fastener floating clip system that allows thermal expansion/contraction.

FASTENERS

Panel shall be fastened via attachment clip spaced on 24" centers; for wider clip spacing, please check with Nu-Ray Customer Service. 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

NRM-2000 panels are intended for use in architectural and structural roofing. Substrates include 5/8" plywood, nailboard insulation or equivalent, with an underlayment of 30# roofing felt applied horizontally from eave to ridge. Other substrates may include metal decking, purlins or rigid insulation in conjunction with bearing plates. Minimum roof pitch is ½:12. Factory-injected seam sealant is required on pitches less than 2:12.

HANDLING

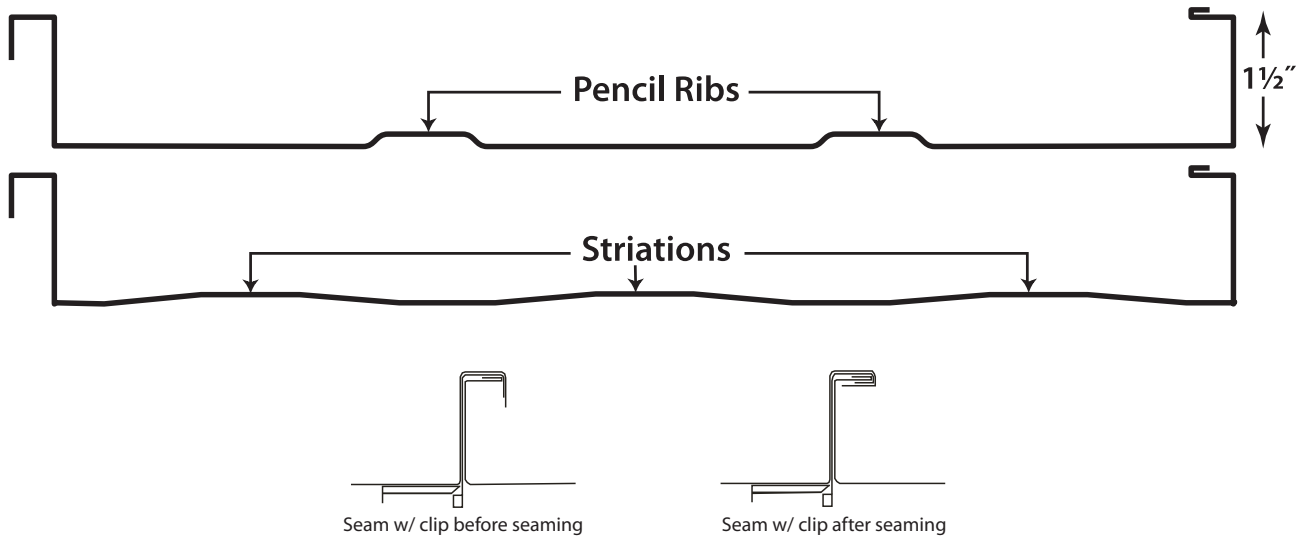
Vinyl masking is provided on all steel sheet to help protect materials where extra handling is expected.

WARRANTY

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



NRM-2000 Mechanically Seamed Panel



NRM-2000 FEATURES

- Superb 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
- On site forming available
- Minimum 1/2:12 roof pitch
- UL 580 Class 90 Rated and Listed

PANEL DEPTH : 1 1/2"

PANEL WIDTHS : 12" or 16"

PANEL LENGTHS: 4' 0" to 44' 0" standard; on-site forming available for longer lengths.

METAL OPTIONS

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

SURFACE OPTIONS

- Smooth/flat
- Pencil ribs
- Striations

FINISHES

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

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24 GAUGE PANELS x 16" WIDE

Gauge	Span	Condition	4' 0" Span	4' 6" Span	5' 0" Span	5' 6" Span	6' 0" Span	6' 6" Span	7' 0" Span
24	Single	L/240	116	81	59	44	34	27	21
24	Double	L/240	116	81	59	44	34	27	21
24	Triple	L/240	91	63	46	34	26	21	16

24 GAUGE PANELS x 12" WIDE

Gauge	Span	Condition	4' 0" Span	4' 6" Span	5' 0" Span	5' 6" Span	6' 0" Span	6' 6" Span	7' 0" Span
24	Single	L/240	154	108	79	59	45	36	28
24	Double	L/240	154	108	79	59	45	36	28
24	Triple	L/240	121	85	61	46	35	27	22

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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