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. Standard panel length is 4’ 0” to 44’ 0”. On-site forming is available for longer lengths; please check with Nu-Ray Customer Service.

NRM-1750 features 1¾” 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.

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 (¾” plywood, nailboard insulation or equivalent) with an underlayment of 30# (minimum) roofing felt applied horizontally from eave to ridge. Panels shall be fastened via attachment clip spaced on 36” centers. For wider clip spacing, please check with Nu-Ray Customer Service. Minimum roof pitch is 2:12 (factory-injected seam sealant required).

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-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 (13⁄8˝) available as an option
- Minimum 2:12 roof pitch
- UL 580 Class 90 Rated and Listed

PANEL DEPTH: 1¾”

PANEL WIDTHS: 14˝, 16˝, 17˝ or 18˝ (14˝ and 18˝ standard)

PANEL LENGTHS: 4’0” to 44’0” standard. On-site forming available for longer lengths.

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
- Pencil ribs

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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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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