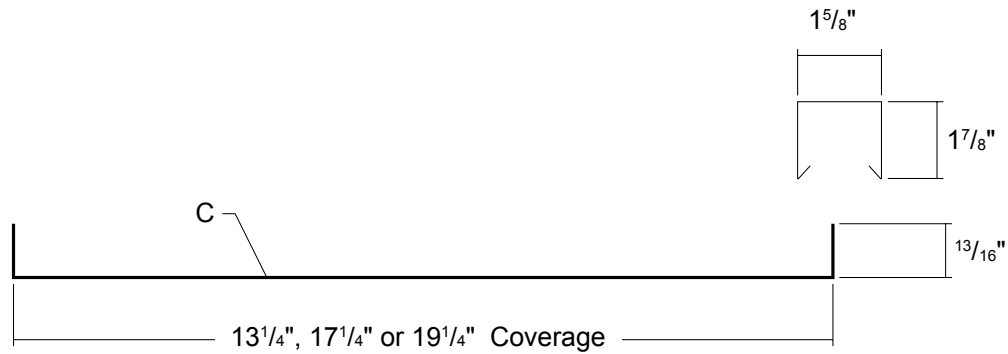


MAXI-BATTEN

Condensed
Technical
Reference



ARCHITECTURAL
PANEL

CONCEALED
FASTENED

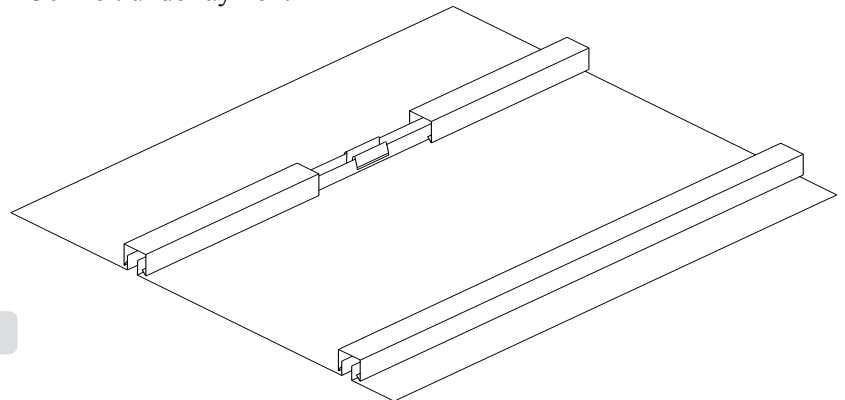
13 1/4", 17 1/4"
OR 19 1/4"
COVERAGE

MINIMUM
SLOPE
3:12

SOLID
SUBSTRATE

PANEL OVERVIEW

- ▶ Finishes: PVDF, MS Colorfast45[®] and Acrylic-Coated Galvalume[®]
- ▶ Corrosion Protection: AZ55 per ASTM A 792 for unpainted Galvalume[®]
AZ50 per ASTM A 792 for painted Galvalume[®]
G90 per ASTM A 653 for Galvanized
- ▶ Thickness: Standard: 26 ga and 24 ga; Optional: 22 ga and 0.032" aluminum
- ▶ 13 1/4", 17 1/4" or 19 1/4" panel coverage, Wide Batten Cap: 1 5/8" x 1 7/8"
- ▶ Panel Length: Minimum: 5'; Maximum: 45' recommended
- ▶ Architectural standing rib roof system
- ▶ Minimum roof slope: 3:12
- ▶ Applies over solid substrate with minimum 30# felt underlayment



TESTING AND APPROVALS

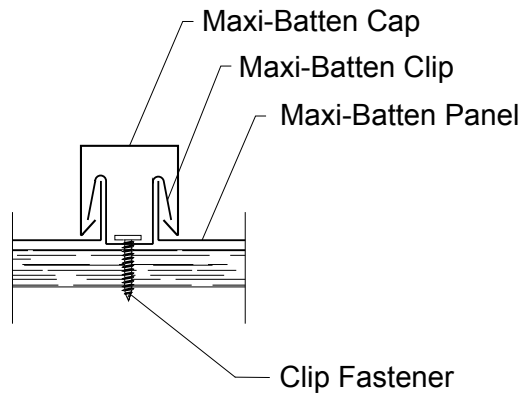
- ▶ UL 2218 Impact Resistance - Class 4
- ▶ UL 790 Fire Resistance Rating - Class A, per building code
- ▶ UL 263 Fire Resistance Rating - per assembly
- ▶ UL 580 Uplift Resistance - Class 90 Constructions:
 - Over plywood: #398
 - Over metal deck: #398A
- ▶ ASTM E 283 Air Leakage
- ▶ ASTM E 331 Water Penetration

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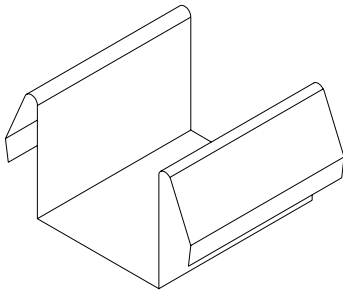
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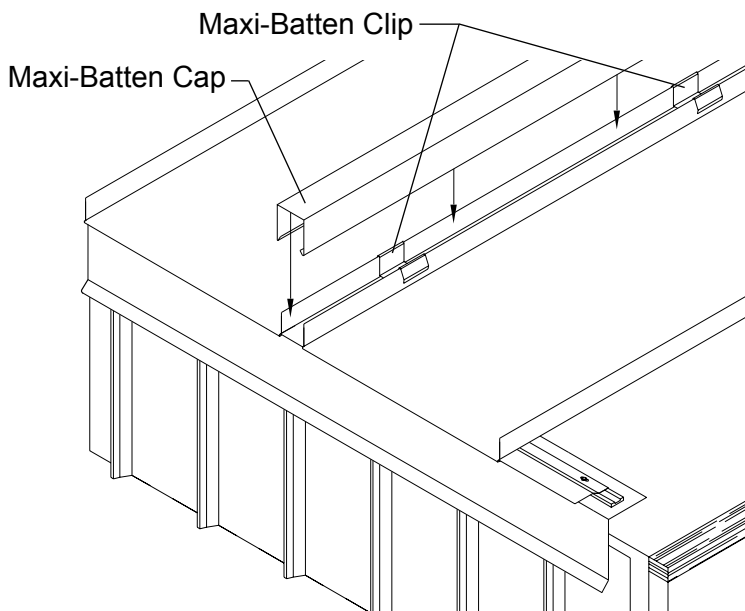
ATTACHMENT DETAIL



PANEL CLIP



BASIC INSTALLATION



FASTENING INFORMATION

► Clips

Clip spacing is based upon the design loads, the spanning capacity of the panels, the fasteners and the support members.

Clips are 0.030" thick, G90 galvanized.

Clips can accommodate thermal expansion and contraction.

► Fasteners

Overdriven fasteners will cause panel distortions.

Fasteners should extend 1/2" or more past the inside face of the support material.

Clip Fasteners:

Over wood deck: #10-12 Pancake Head Wood Screw

Over metal deck: #14-13Deck Screw

Concealed End Fastener:

Over wood deck: #10-12 Pancake Head Wood Screw

Over metal deck: #14-13Deck Screw

Trim Fasteners:

1/4"-14 x 7/8" XL Stitch Screw

1/8" x 3/16" Pop Rivet

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