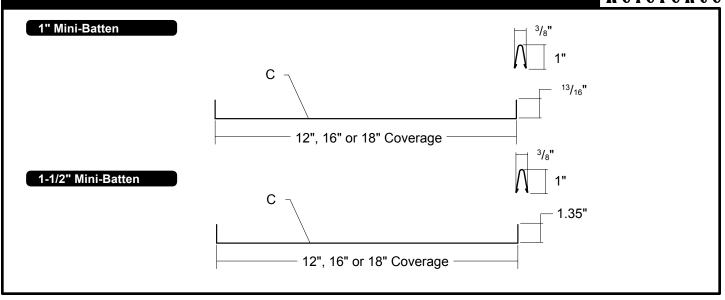
MINI-BATTEN

Condensed Technical Reference



ARCHITECTURAL PANEL

CONCEALED FASTENED

12", 16" OR 18" COVERAGE MINIMUM SLOPE 3:12

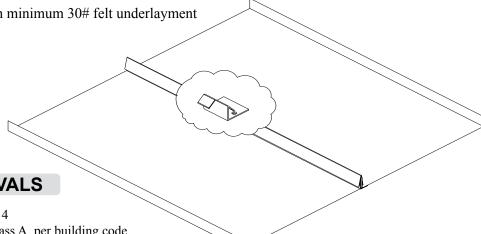
SOLID SUBSTRATE

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

- ► Gauges: 26 ga and 24 ga standard; 22 ga optional
- ▶ 12", 16" or 18" panel coverage, 1" or $1^{1}/_{2}$ " rib height with narrow batten cap
- ▶ 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:

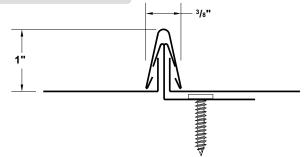
1" Mini-Batten: #397, #397A and #430 1¹/₂" Mini-Batten: #352

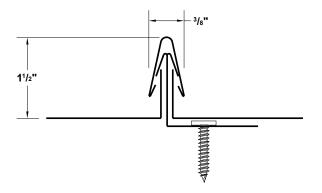
- ► ASTM E 283 Air Leakage 0.005 cfm/ft² at 6.24 psf
- ➤ ASTM E 331 Water Panetration none at 12 psf



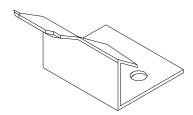
MINI-BATTEN

ATTACHMENT DETAILS





PANEL CLIPS



BEND DOWN OVER PANEL



MINI-BATTEN (1¹/₂" rib height) MINI-BATTEN (1" rib height)

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 0.027" thick, G90 galvanized.

Clips can accomodate 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:

#10-12 Pancake Head Wood Screw

Concealed End Fastener:

#10-12 Pancake Head Wood Screw

Trim Fasterners:

1/4"-14 x 7/8" XL Stitch Screw 1/8" x 3/16" Pop Rivet

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