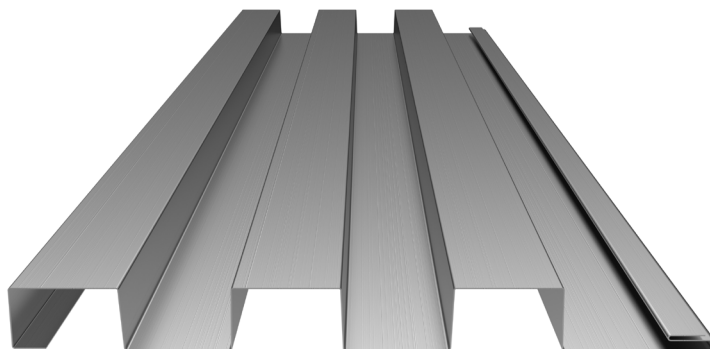**ES** ICC EVALUATION SERVICE® **ICC-ES EVALUATION REPORT #5045 with CBC-CRC Supplement**
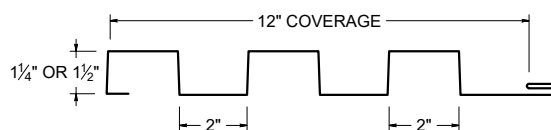

SCREW FLANGE ATTACHMENT
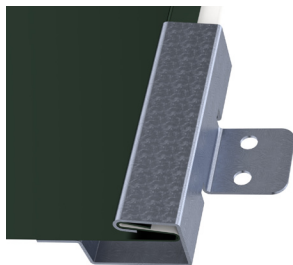
12" COVERAGE
1¼" OR 1½"
2" 2"
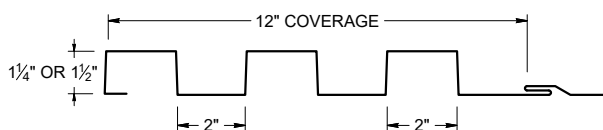
screw flange panels in this profile are available at an additional cost (please inquire)

CLIP ATTACHMENT

12" COVERAGE
1¼" OR 1½"
2" 2"

PANEL ATTACHMENT CLIP

STANDOFF CLIP

STANDARD CLIP

STANDOFF CLIP
½"
PANCAKE SCREWS

STANDARD CLIP
PANCAKE SCREWS
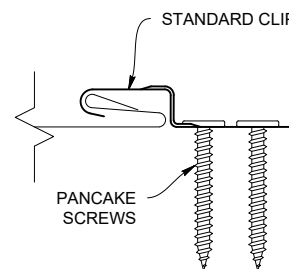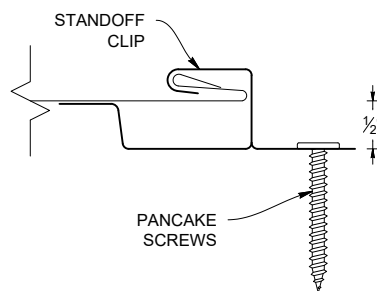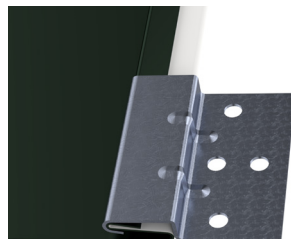
KEY FEATURES

• 12" panel coverage

• 24 and 22 Tru-Gauge™ and .032" and .040" Aluminum. Screw Flange and Clip attachment available

• Custom 20 & 18 Tru-Gauge™ and .050" and .063" Aluminum. These require the use of high performance clip. (*please inquire*)

• 1-1/4" or 1-1/2" deep panel

• 2' to 20'10" panel lengths

• Custom profiles available

• Vertical or Horizontal Wall Application

• Acceptable for use as a soffit panel

• Interchangeable panel widths and configurations

• Perforated options available (please inquire)

TESTING

• **ES** ICC EVALUATION SERVICE® ICC-ESR #5045 with CBC-CRC Supplement

• ASTM E331 - Water infiltration (wall)

• ASTM E283 - Air infiltration (wall)

• ASTM E1592 - Negative structural uniform static air pressure

• ASTM E330 - Positive structural uniform static air pressure

• ASTM E1680 - Air infiltration (roof)

• ASTM E1646 - Water infiltration (roof)

• ASTM A653/A924 - G90 Galvanized

• ASTM A792 - Zincalume/Galvalume AZ-50/55

• ASTM B209 - Aluminum Substrate

MATERIAL SPECIFICATIONS

- 24 Tru-Gauge™ Kynar 500® Painted Steel
  Galvanized G-90 or AZ-50 Zincalume®

- 22 Tru-Gauge™ Kynar 500® Painted Steel
  Galvanized G-90 or AZ-50 Zincalume®

- 24 & 22 Tru-Gauge™ Zincalume® Plus
  (No finish warranty – 25 yr. perforation warranty)

- .032 Aluminum Kynar 500®

- 22 gauge Rusteel Plus™ (A606)

- 16 and 20 oz. Copper

- Kynar 500® and substrate testing data available
  (See website)

- .8mm and 1.0mm True Zinc on special request
  (*please inquire*)

- Heavier gauges available upon request – 20 gauge
  and 18 gauge steel; .040, .050 and .063 Aluminum
  (*please inquire*)

FINISHES

- 21 Standard Colors, 5 Metallic Colors and 4 Specialized Materials

- Kynar 500® Paint System - the ultimate in exterior durability and color retention

- "Cool" color pigments are specially designed to reflect infrared light,
  reducing heat gain to dwelling, and conform with ENERGY STAR® criteria

- Superior quality, two coat, 70% resin finish, applied at a 1 mil. thickness

- 40 year residential paint warranty

- 20 and 30 year commercial paint warranty: Contact your sales rep. for warranty
  specifications

- "Oil Canning" is an inherent characteristic of roof and wall products, and not a defect,
  which is not a cause for panel rejection.

Kynar 500® paint layer
Commercial-grade metal primer
Galvanized G-90 or AZ-50
Base Steel
Galvanized G-90 or AZ-50
Commercial-grade metal primer
Corrosion resistant wash coat
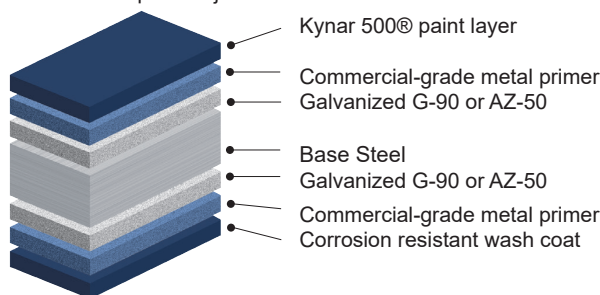
PANEL ATTACHMENT

Fastener Notes:

- When possible, lap panels away from prevailing wind direction.

- Panel screws should be long enough to penetrate through the bottom of the plywood by 3/8".

- For dimensional lumber, panel screws should penetrate the lumber 1".

- All trim screws used for roof or wall applications should have EPDM sealing washers.

- Clean off working area each day to remove metal particles left from drilling fasteners. These particles, when exposed to moisture,
  will form rust between metal particles and the panel.

Rev. Date 01-25