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## **General Notes**

The attached installation details are intended to be a design aid and do not depict all situations. Modifications are the responsibility of the designer/ user and should take into account climate conditions, governing code requirements, and the actual usage and maintenance of the structure.

#### **Panel Offering:**

The Prestige Series (PS-12) is a family of concealed fastener panels used for wall, soffit, fascia, and equipment screen applications. It can be installed vertically or horizontally and is available in a number of different reveals and finish options to provide maximum design flexibility.

Prestige Series panels are provided in a 12" installation module with (4) distinctive panel reveal options: No reveal, 1" reveal, 2" reveal, and 6" reveal.

Maximum panel lengths: 24ga = 25ft; 22ga-18ga = 40ft

Panels are offered perforated, stucco embossed, with wave pattern (no reveal panel only), and with ribs. Consult with your AEP Span Representative to clarify which specific panel combinations are available.

### Flashings:

Where possible, flashings should be lapped away from prevailing winds. Certain flashings should be supported if it is likely that equipment (ladder, etc.) will be used against them. Check with AEP Span any time one intends to specify a prefinished flashing in a gauge or finish different than the roof panels. It is good practice to specify that all flashings be of the same material (gauge, color, finish) as the Prestige Series panels to ensure long-term durability. Fieldpainted flashings rarely equal the durability and color fastness of factory baked-on paint systems. The enclosed details have minimized the use of exposed fasteners where possible. The edges of flashings have also been shown hemmed to strengthen and to minimize the exposure of cut edges. Flashing design and fabrication is generally the responsibility of the contractor. For convenience, we have provided some flashing drawings on our website at: http://www. aepspan.com/roof/prodDetailad08.html

### Substrates:

Prestige Series® panels can be used over solid substrates and over open framing. The details in this booklet are shown over a solid substrate (plywood). Details are generally the same for either solid substrate or open framing conditions except for a change in fastener type. The designer/user is responsible for adjusting dimensions and details as required to meet specific project conditions.

#### Wind Resistance:

In applications where there is a need for higher resistance to wind loads, a retention clip is available to prevent panel separation. Additional information on this clip and its use can be found in the following Technical Bulletin: http://www.aepspan.com/files/ TechBulletin\_Prestige Clip.pdf

#### Condensation, Insulation, & Ventilation:

It is the designer's responsibility to determine the need and composition of condensation control materials including insulation and vapor retarders, as well as ventilation requirements. Metal panels are susceptible to condensation and its control should be carefully considered. Horizontal applications require panels to be installed top-down (eave to foundation) for proper water shedding.

#### **Thermal Movement:**

Both panels and flashings must allow for thermal movement (expansion and contraction) of the materials, especially where long lengths are used. Appropriate gaps or provisions must be provided to accommodate thermal movement.

#### **Oil Canning:**

Flat metal surfaces often display waviness commonly referred to as 'oil canning'. This can be caused by variations in raw material, processing variations, product handling, or variations in the substrate and underlayments. Oil canning is a characteristic, not a defect, of panels manufactured from lightgauge metal. Panels are factory "corrective leveled" to minimize oil canning. Oil canning is not a cause for panel rejection. Additional information regarding oil canning can be found in the following Technical Bulletin: http://www.aepspan.com/files/Oil CanningTechBulletin.pdf

**Panel Options** 





# **Panel Details**



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# Accessories







# **Soffit End Splice**





# **Horizontal End Splice**



### **End Wall**



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# **Inside Corner**



# **Outside Corner**





## Sill/ Vertical End Splice





### Z-Metal

End Splice/ Sill



HORIZONTAL INSTALL



# **Door/ Window Trim (Head)**



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# Door/ Window Trim (Jamb)



## Door/ Window Trim (Sill)





# **Parapet Cap**



