Product

Page No.

Panel Information	
Soffit Panel Profiles	PSO-2
Panel Overview	PSO-2

Flashing Profiles

Cleat	.PSO-3
Gravel Stop	.PSO-3
Outside Corner	.PSO-3
Inside Corner	.PSO-3
Soffit Panel Z-Closure	.PSO-3
1.25" Base	.PSO-3
Soffit Panel Miter Trim	.PSO-3
1.5 Sill/Head	.PSO-3
1.5" Sill to Soffit	.PSO-3
Soffit Panel Jamb	.PSO-3

Accessory Profiles

PSO-3
SO-3
SO-3
2

Design/Installation Considerations

Fastener Installation Technique	PSO-4
Condition of Substructure	
Fastening Information	PSO-5

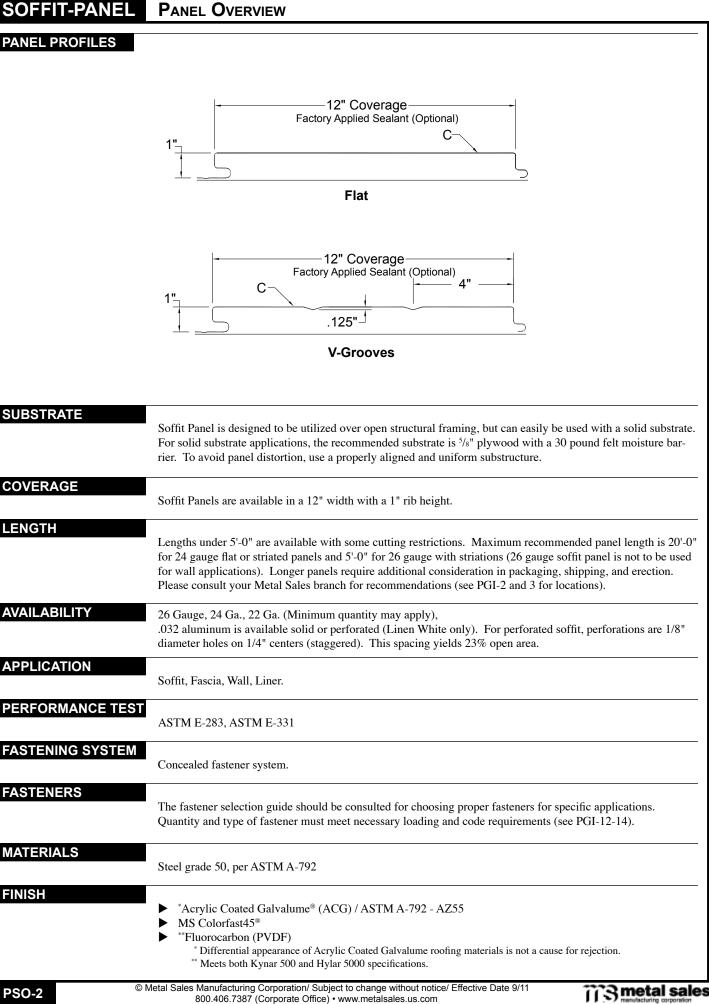
Detail Conditions

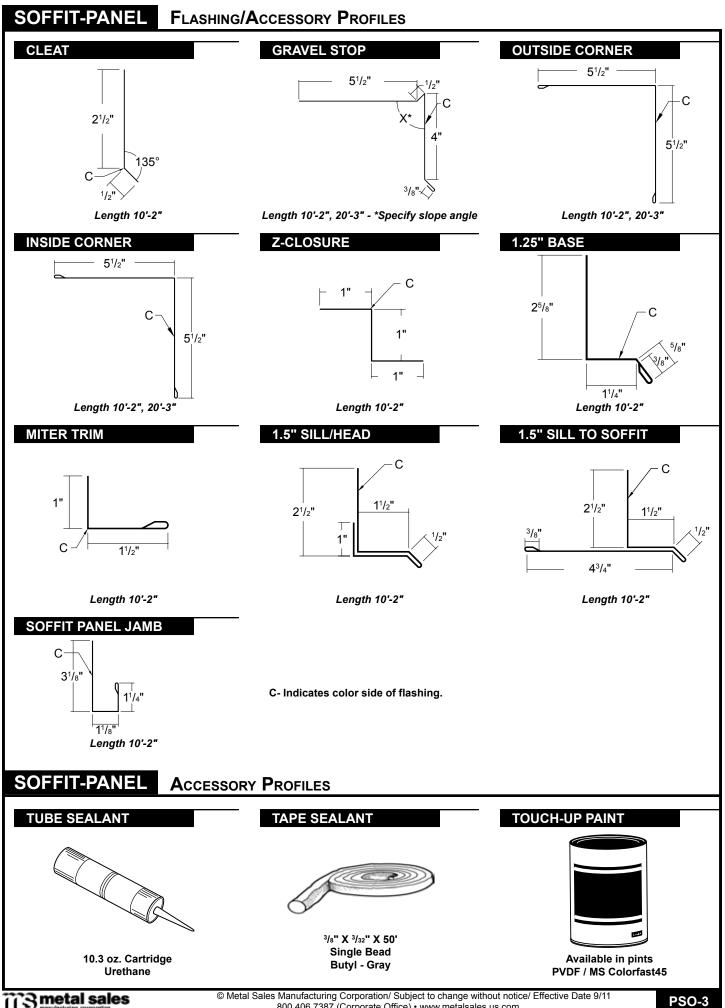
Gravel Stop Detail	PSO-6
Outside Corner Detail	PSO-6
Inside Corner Detail	PSO-7
Sill/Head Detail	PSO-7
Sill to Soffit Detail	PSO-8
Base Detail	PSO-8
Jamb Detail	PSO-9
Soffit to Wall Detail	PSO-9
Splice Corner Detail	.PSO-10

Notes

NotesPSO-1	10
------------	----

SOFFIT-PANEL PANEL OVERVIEW





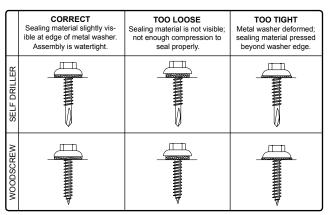
800.406.7387 (Corporate Office) • www.metalsales.us.com

PSO-3

FASTENER INSTALLATION TECHNIQUE

Recommended Tool Type - Use depth locating nose or adjustable clutch on screw gun to prevent overdrilling and strip out. **Do not use impact tools or runners.**

Seating the washer - Apply sufficient torque to seat the washer - do not overdrive the fastener.



To prevent wobbling - Make sure fastener head is completely engaged in the socket. If the head does not go all the way in the socket - tap the magnet deeper into the socket to allow full head engagement. Metal chips will build up from drilling and should be removed from time to time.

Protect drill point - Push only hard enough on the screw gun to engage clutch. This prevents excess friction and burn out of the drill point. Correct pressure will allow screw to drill and tap without binding.

Drilling through sheet and insulation - Ease up on pressure when drilling through insulation to avoid striking the purlin or girt with the point - apply more pressure after drill point contacts purlin or girt.

Drilling through purlin overlaps - Drilling through lapped purlins requires extra care. Excessive voids between purlins sometimes damages drill points and two self-drillers might be necessary to complete the operation. It is sometimes advantageous to predrill.

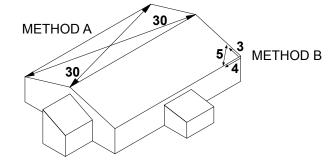
CONDITION OF SUBSTRUCTURE

Whether over solid substrate or open structural framing, panel distortion may occur if not applied over properly aligned and uniform substructure.

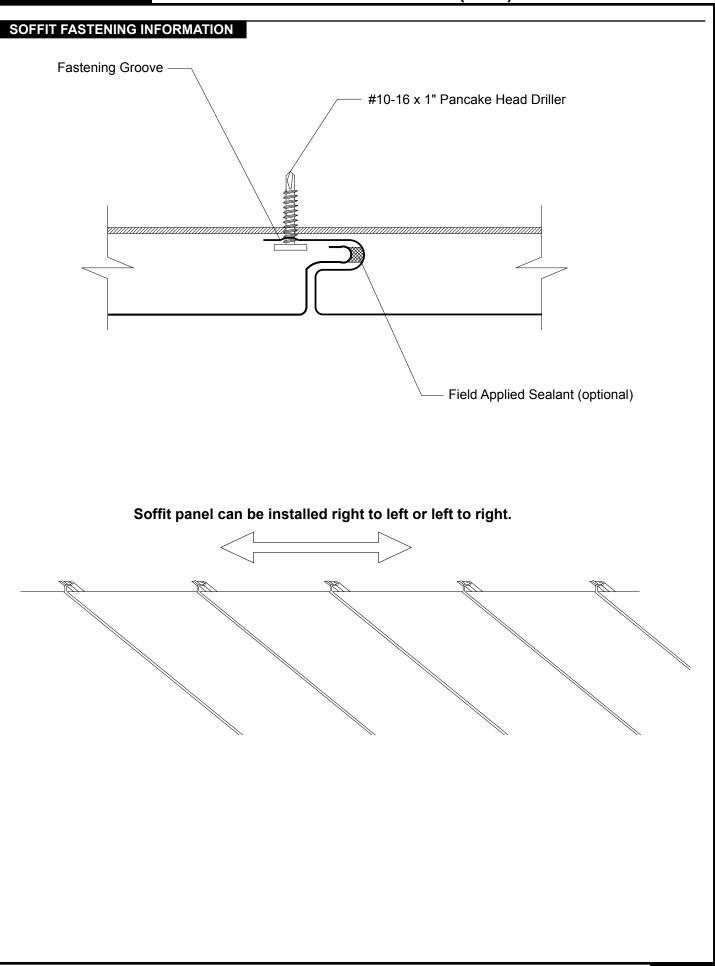
The installer should check the wall or overhang for squareness before installing Soffit panels. Several methods can be used to verify squareness of the structure for proper installation of the panels. Note: Methods below are for roof applications but can be applied for wall or Soffit overhang.

METHOD "A" - One method for checking the roof for squareness is to measure diagonally across one slope of the roof from similar points at the ridge and eave and obtain the same dimension.

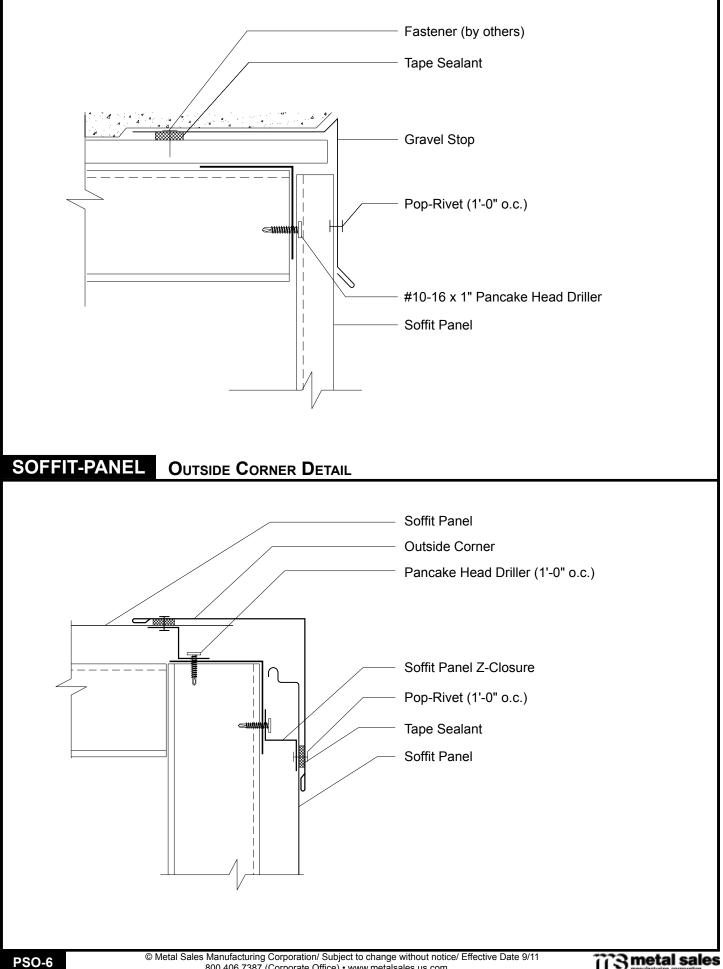
METHOD "B" - The 3-4-5 triangle system may also be used. To use this system measure a point from the corner along the edge of the roof at a module of three (3). Measure a point from the same corner along another edge at a module of four (4). Then by measuring diagonally between the two points established, the dimension should be exactly a module of five (5) to have a square corner. Multiple uses of this system may be required to determine building squareness. If the endwall cannot be made square, the roof system cannot be installed as shown in these instructions.



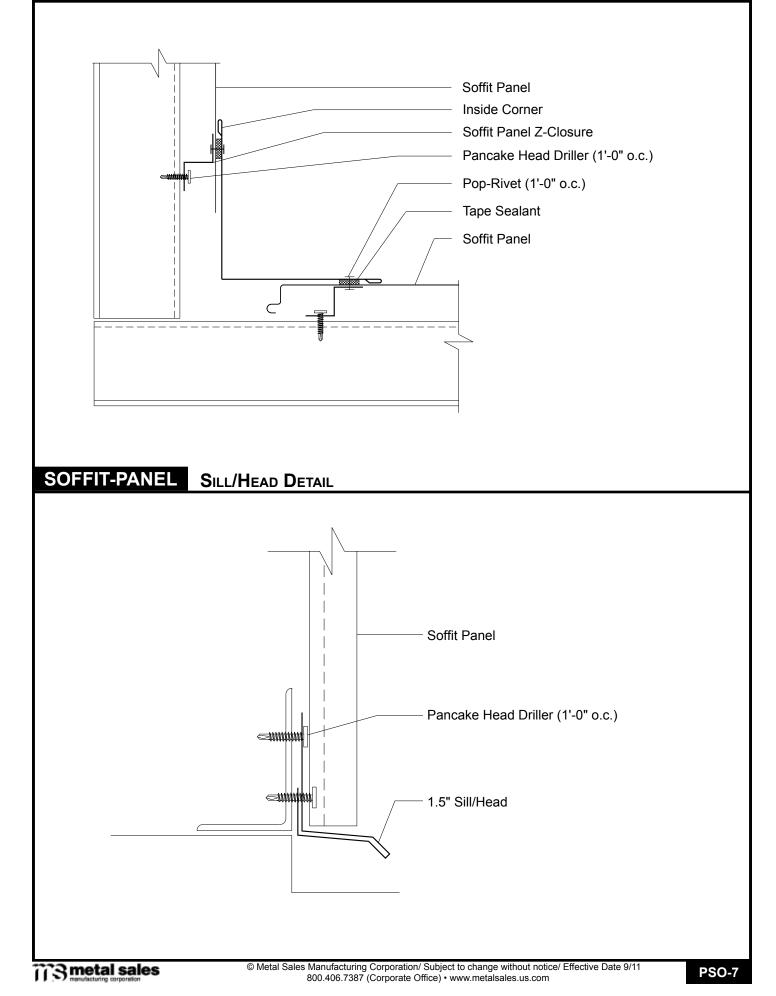
metal sales



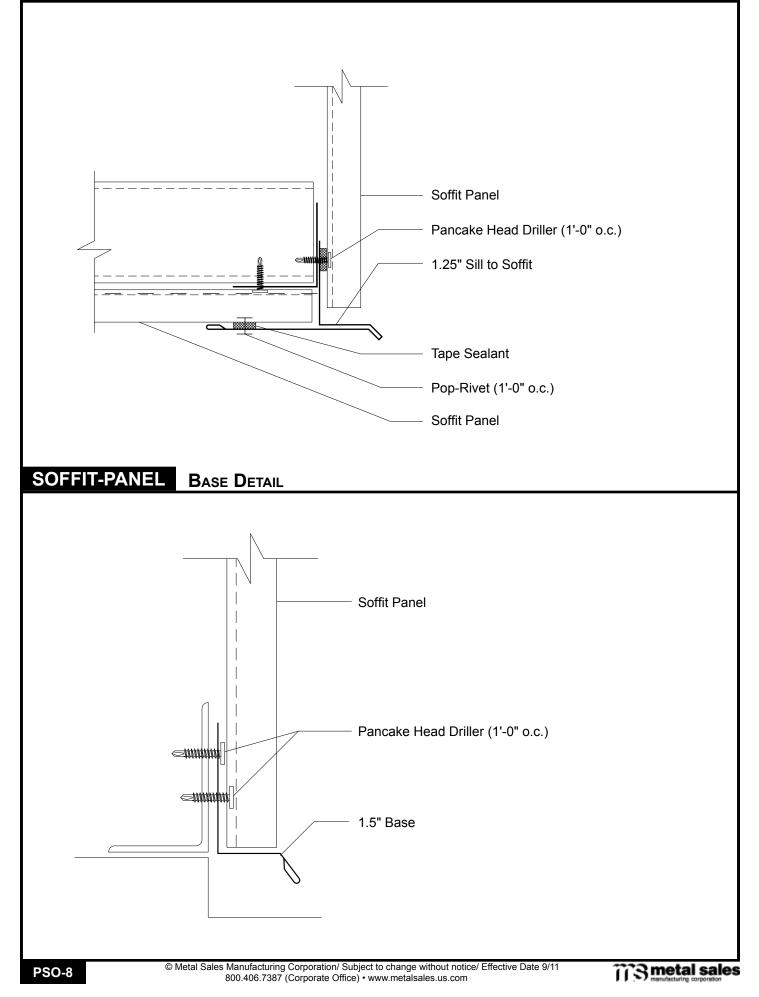
SOFFIT-PANEL GRAVEL STOP DETAIL

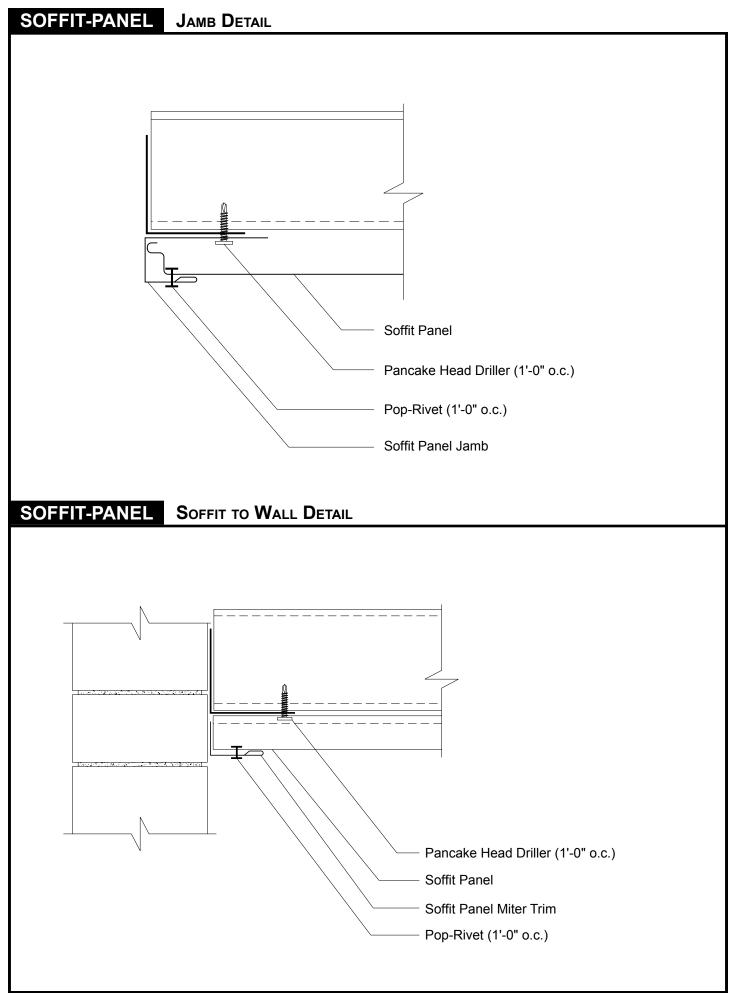


PSO-6



SOFFIT-PANEL SILL TO SOFFIT DETAIL





SOFFIT-PANEL Splice Corner Detail

SOFFIT-PANEL NOTES