

Impax™ — Insulated Panel Drill Screws

Insulation fasteners
For metal to metal

- Designed for a particular thickness of insulated panel to ensure uniform attachment without overdriving and dimpling the panel surface.
- Precision cold forged assuring superior point strength and the fastest drilling time performance through high strength steel and nested purlins.
- Delivers ultimate performance in light, medium and heavy gage applications.
- Designed and engineered to have low driving and thread engagement torque and provide maximum clamp load.
- Corrosion resistant coating system.

Application

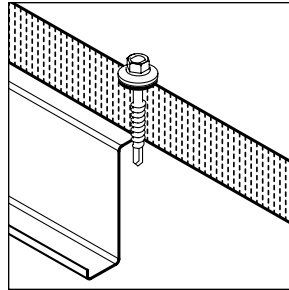
12–14 Insulated Panel Fastener

Designed for use in attaching insulated foam panels to steel

Drilling capacity: .035 – .210

Thickness is based on normal, single thickness purlin/girt or multiple material thickness combined for total.

Min projection: 3/16" of threads below substrate

5/16" AF Hex Washer Head
Thread Major Dia: .215 – .209
Thread Minor Dia: .164 – .157**Strength (lbs ult):**

Tensile: 2900

Torsional 92 in-lbs

Shear: 2050

Pull-out (lbs ult.):

12 ga (.105): 1539

14 ga (.075): 1010

16 ga (.060): 724

Pull-over with Bond Seal (lbs ult.):

22 ga (.030): 1148

24 ga (.024): 1056

26 ga (.018): 654

Notes

Dimensions are nominal inches unless noted. Self-drill pull-out values (pounds ultimate) are based on 57,000 psi hot rolled steel material. Lap self-drill pull-out values are based on 40,000 psi AZ55 Galvalume steel sheet material. Ultimate values listed are the result of laboratory testing. The specific job conditions should be considered and appropriate safety factors applied when specifying the proper fasteners.

Selection

Length	Insulated Panel Thickness	Part No.
12-14 x 1-7/8"	3/4" to 1"	S7041-GBF
12-14 x 2-3/8"	1-1/8" to 1-1/2"	S7061-GBF
12-14 x 3-1/4"	1-5/8" to 2-3/8"	S7081-GBF

Installation

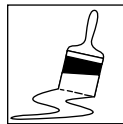
Tools: 0 – 2000 rpm screwdriver equipped with depth sensing nosepiece.

Options

VistaCoat™



Painted



ZAC®

