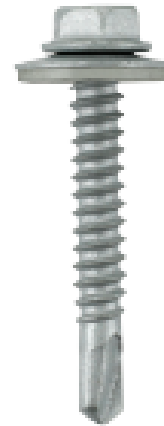


Impax Self Drill Fastener



The IMPAX self drilling fastener is designed to metal to light and medium gauge metal substrates. Integral drill point eliminates the need to predrill pilot holes for installation. When equipped with an assembled bonded washer and properly installed this fastener creates a positive waterproof seal against the panel.



Features:

- VistaCoat premium coating system for corrosion protection
- Non-walking precision drill point to drill and tap steel substrates.
- Available with and without bonded E.P.D.M. washer

#12 Specifications

Material Strength

Tensile 2900 lbf / 12900 N

Shear 2050 lbf / 9119 N

Torsional 92 lbf-in / 10.39 N-m

Pull Out Strength Steel

ICC protocol 45 ksi SFS testing 56 ksi

16 Ga (1.5mm): 516 lbf / 2295 N 665 lbf / 2958 N

14 Ga (1.9mm): 782 lbf / 3478 N 901 lbf / 4008 N

12 Ga (2.7mm): 1315 lbf / 5849 N 1524 lbf / 6779 N

Pull Over Strength Steel

26 Ga (0.5mm): 654 lbf / 2909 N

24 Ga (0.6mm): 1056 lbf / 4697 N

22 Ga (0.8mm): 1249 lbf / 5556 N

Approximated values are average ultimate values. Values may change with strength and condition of substrate wood or steel.

Selection

Sizes	Point	Qty/Box	Part#
#12-14 x 3/4"	SD3	2,500	DMI2V2361EDF
#12-14 x 1"	SD3	2,500	DMI2V4577EDF
#12-14 x 1-1/4"	SD3	2,500	DMI2S4632EDF
#12-14 x 1-1/2"	SD3	2,000	DMI2S4677EDF
#12-14 x 2"	SD3	1,500	DMI2S4777EDF
#12-14 x 2-1/2"	SD3	1,250	DMI2S4902EDF
#12-14 x 3"	SD3	1,500	DMI2S4952EDF
#12-14 x 4"	SD3	1,000	DMI2S4981EDF
1/4-14 x 7/8" ST	SD1/ST	2,500	DMI2V5051GUF

Installation

Hex driver required. DMI suggests LSC drivers.

0-2000 rpm electric screw gun with depth sensing nose piece or torque control device.

Suggested drill speed into most substrates is 1800 rpm.

Do not overdrive or under drive, not suggested for use with impact driver or hammer drill installation tools.

Limitations: Not recommended installation into wood substrates. Not recommended for aluminum or copper roofing panels. Not recommend for installation by impact drivers. Contact DMI for MSDS information

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