

#14 PANCLIP SD-L Fastener



#14-13 fastener low profile head fastener designed for applications that require a high strength fastener available in long lengths. Popular for many applications (Panel clip/Commercial Roofing Stress Plate/Plywood/Nailboard/commercial/Fixture attachment and more...) in construction due to its multi-purpose nature it can be installed into wood, light gauge metal up to 16ga and masonry/concrete substrates with a 3/16" pre-drill. This fastener meets 2017 Florida Building Code corrosion resistance requirements of R904.5.2 (and FBC 1506.6). The Black DMG85 coating covers the whole fastener helping the 1-1/2" and 2" parts to receive a Miami-Dade County P.C Listing # L 21-0630.03 for corrosion resistance and sheer strength.



Specifications

Torsional:	110 in-lbs
Pull out SPF 1"	995 lbs ult
Pull out 3/4" PLY	630 lbs ult
Pull out 22 ga E	575 lbs ult
Pull out 16 ga	1103 lbs ult
Pull out 4000 psi concrete	675 lbs avg
Pull out CMU Block	532 lbs avg
Head Height	.090" - .010"
Head Diameter:	.490" - .510"
Thread Diameter:	Maj: .238" Min .180"
Thread Style:	13TPI Buttress

Threading: 3" and 4" lengths are fully threaded otherwise 4" of thread under the head.

Country of origin/COO: Taiwan

Above values are average ultimate values. Values may change with strength and condition of substrate wood.

410 Stainless Steel parts (PANCLIP SD-SS-L) are available for pressure treated lumber and coastal applications.

Selection

Size	Qty/Box	Part#	M/D Listing #
#14 x 1-1/2"	2500	DMIPL1415D	L 21-0630.03
#14 x 1-1/2"	100/2400	DMIPL1415D100	L 21-0630.03
#14 x 2"	100/2400	DMIPL1420D100	L 21-0630.03
#14 x 3"	2000	DMIPL1430D	
#14 x 3"	100/1600	DMIPL1430D100	
#14 x 4"	1000	DMIPL1440D	
#14 x 4"	100/1600	DMIPL1440D100	
#14 x 5"	1000	DMIPL1450D	
#14 x 5"	100/1200	DMIPL1450D100	
#14 x 6"	1000	DMIPL1460D	
#14 x 6"	100/1200	DMIPL1460D100	
#14 x 7"	1000	DMIPL1470D	
#14 x 8"	1000	DMIPL1480D	
#14 x 10"	100/300	DMIPL14100D100	
#14 x 12"	100/200	DMIPL14100D100	

Installation

#2 square drive suggested.

0-2500 rpm electric screw gun with depth sensing nose piece or torque control device. Suggested 1800 rpm.

Do not overdrive or under drive, not suggested for use with impact driver installation tools. Suggested 1" minimum penetration into substrate.

Wood / Light Gauge Steel:

Installations into wood or light gauge metal up to 16ga thick there is no pre-drill required.

Masonry / Concrete:

Installations into concrete block or poured concrete require a pre-drill with a 3/16" diameter masonry drill bit of sufficient length to drill a hole 1" deeper than the expected fastener penetration. Clean hole of dust prior to install.

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

To find a distributor call 855-800-8878 or visit www.directmetalsinc.com