

LEXCOR

LEXGRIP™

#14 Drill Point Heavy Duty Fasteners

DESCRIPTION & USE

- #14 Drill Point Heavy Duty Fasteners are ideal "all-purpose fasteners" for use in steel, structural concrete, and wood decks for insulation or lap attachment.

FEATURES & BENEFITS

- Low profile #3 Phillips truss head
- Double flute drill point speeds penetration through steel deck
- Exclusive tapered entry threads wedges fastener tightly into the deck for superior back-out resistance
- Deep threads provide exceptional pull-out resistance
- Black coating offers excellent corrosion resistance

TECHNICAL DATA

#14 DP HEAVY DUTY - PHYSICAL PROPERTIES				
Part No.	Screw Length*	Thread Length*	Pieces / Pail	Weight / Pail
HDSCREW-112	1-1/2"	Full	1000	13 lbs
HDSCREW-2	2"	Full	1000	16 lbs
HDSCREW-3	3"	Full	1000	24 lbs
HDSCREW-4	4"	3-7/8"	1000	31 lbs
HDSCREW-5	5"	3-7/8"	1000	37 lbs
HDSCREW-6	6"	3-7/8"	1000	44 lbs
HDSCREW-7	7"	3-7/8"	500	26 lbs
HDSCREW-8	8"	3-7/8"	500	30 lbs
HDSCREW-9	9"	3-7/8"	250	17 lbs
HDSCREW-10	10"	3-7/8"	250	19 lbs
HDSCREW-11	11"	3-7/8"	250	20 lbs
HDSCREW-12	12"	3-7/8"	250	22 lbs

* Screw length = $\pm 1/16"$
 Thread length = $\pm 1/16"$

Refer to the back of Data Sheet for the Performance Data



TESTED
 ACCORDING TO
CSA A123.21
 STANDARD



This product is eligible within various CSA 123 compositions.

INSTALLATION

Allow a minimum of 19 mm (3/4") penetration through the underside of steel decks and a minimum of 19 mm (3/4") embedment in wood plank. Pre-drilling required for concrete using a 3/16 drill bit; pre-drilled hole must be at least 1/2" deeper than the length of the fastener to allow for debris in the hole.

SPECIFICATION

Fasteners shall be Factory Mutual approved #14 self-tapping screws with a #3 Phillips Truss Head. Fasteners shall be coated with a corrosion resistant coating that passes 30 cycles of the Kesternich test.

Accepted Product: Lexgrip™ #14 Drill Point Heavy Duty Fasteners by Lexcor (www.lexcor.net, Tel: 1.800.268.2889). Install in accordance with manufacturer's directions.

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Visit our video channels: <https://vimeo.com/channels/lexcoren>

COMMERCIAL BUILDING PRODUCTS

Ontario & Western Canada
 1.800.268.2889

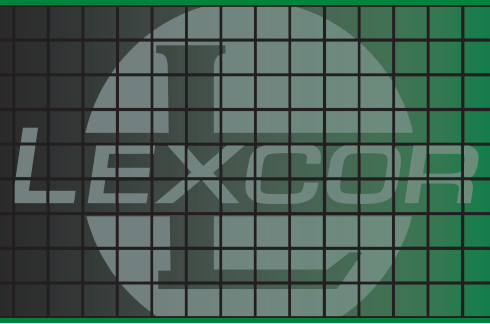


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 1.800.363.2307

lexcor.net

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PERFORMANCE DATA

Property	Standard	Average Ultimate Value
Tensile Strength:	ASTM F606-10	3200 lbf.
Shear Strength:	NASM 1312-20	2200 lbf. (thread zone)
Corrosion Resistance:	FM 4470, ASTM D6294, DIN 50018	< 15% Red Rust after 30 cycles

Average Ultimate Pullout Values in Corrugated Steel Deck Substrates

Thickness	24 ga.				22 ga.			20 ga.			18 ga.			16 ga.		
Yield Strength	36.5 ksi	33.0 ksi	80.0 ksi	102.0 ksi	33.0 ksi	80.0 ksi	102.0 ksi	33.0 ksi	80.0 ksi	102.0 ksi	33.0 ksi	80.0 ksi	102.0 ksi	33.0 ksi	80.0 ksi	102.0 ksi
Pullout (lbf.)	255	315	480	560	420	615	710	675	885	985	850	1115	1240			

Average Ultimate Pullout Values in Wood Substrates

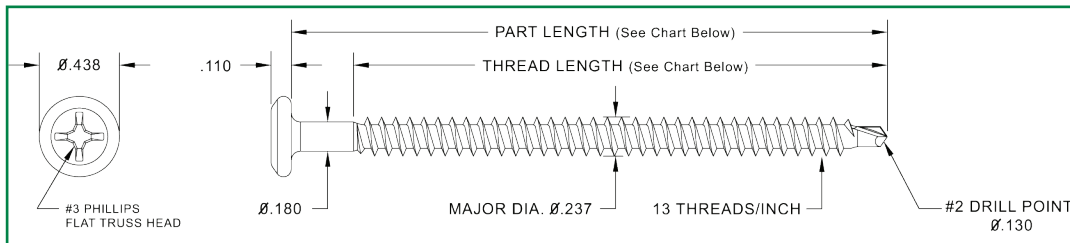
Thickness	APA Rated OSB				APA Rated Plywood			SPF #2
	7/16"	15/32"	19/32"	23/32"	15/32"	19/32"	23/32"	
Pullout (lbf.)	270	290	310	410	360	410	730	795*

* lbf./in. of thread penetration, including tip.

Average Ultimate Pullout Values in 3000 psi. Concrete

Pullout (lbf.)	450*
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* lbf./in. of thread penetration, including tip.



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