

LEXCOR™

#14 Drill Point Heavy Duty Stainless Steel Fasteners

DESCRIPTION & USE

- #14 Drill Point Heavy Duty Stainless Steel Fasteners are ideal "all-purpose fasteners" for use in steel, structural concrete, and wood decks for insulation or lap attachment.
- Made of TrimRite® martensitic stainless steel alloy

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
- Stainless Steel offers excellent corrosion resistance; and less conductivity, sufficient for wherever energy conservation is a concern

TECHNICAL DATA

#14 DP HEAVY DUTY SS - PHYSICAL PROPERTIES				
Part No.	Screw Length*	Thread Length*	Pieces / Pail	Weight / Pail
HDSCREW-112SS	1-1/2"	Full	1000	13 lbs
HDSCREW-158SS	1-5/8"	Full	1000	13 lbs
HDSCREW-2SS	2"	Full	1000	16 lbs
HDSCREW-3SS	3"	2-7/8"	1000	24 lbs
HDSCREW-4SS	4"	3-7/8"	1000	31 lbs
HDSCREW-5SS	5"	3-7/8"	1000	37 lbs
HDSCREW-6SS	6"	3-7/8"	1000	44 lbs
HDSCREW-7SS	7"	3-7/8"	500	26 lbs
HDSCREW-8SS	8"	3-7/8"	500	30 lbs
HDSCREW-10SS	10"	3-7/8"	250	18 lbs
HDSCREW-12SS	12"	3-7/8"	250	21 lbs

* Screw length = ± 1/16"; Thread length = ± 1/16"

Average Ultimate Pull-out Values in Corrugated Steel Deck Substrates

16 Ga. - 1115 lbs (80 ksi)
18 Ga. - 885 lbs (80 ksi)
20 Ga. - 615 lbs (80 ksi)
22 Ga. - 480 lbs (80 ksi)
24 Ga. - 255 lbs (36.5 ksi)

Average Ultimate Pullout Values in Wood Substrates

APA Rated OSB:
7/16" - 270
15/32" - 290
19/32" - 310

APA Rated Plywood
15/32" - 360
19/32" - 410
23/32" - 730.

Tensile Strength - 4900 lbf.

Shear Strength - 3800 lbf. (thread zone)

Corrosion Resistance - <15% Red Rust
after 30 cycles

Note: All tests were conducted by an independent testing laboratory. Results of these tests are offered only as a guide and are not guaranteed in any way by Lexcor. Lexcor recommends that pull-out tests be conducted to verify that the substrate provides adequate pull-out values.



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.

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COMMERCIAL BUILDING PRODUCTS

Ontario & Western Canada
1.800.268.2889

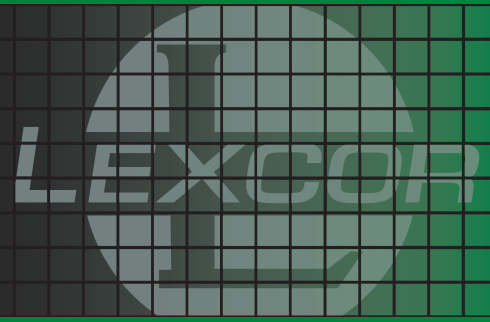


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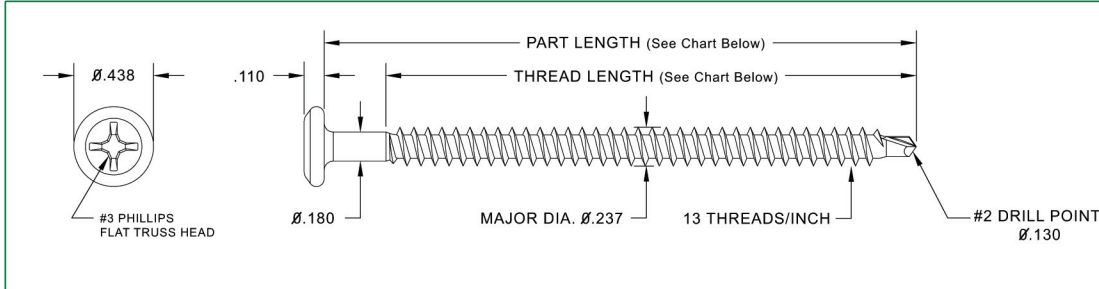
lexcor.net

LEXGRIP™

#14 Drill Point Heavy Duty Stainless Steel Fasteners



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



Note: values above $\pm 10\%$

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