

#14-13 DP1 Concealor NB



FEATURES

- For use with nail base panels or SIP panels
- Attach to steel, wood or concrete
- Large head for better pull-over resistance without the need of a washer or plates
- Asymmetric buttress thread keeps connections tight
- Tri-Seal 1000 hr. coating 10x more corrosion resistant than epoxy
- Drill and tap up to 16 ga. steel
- #3 square drive for positive engagement

PRODUCT SELECTION			
DESCRIPTION	LOAD BEARING LENGTH	PART NUMBER	CARTON QUANTITY
#14-13 x 3" DP1	.125" - 2.250"	14300SPC1CSBTSNB	1000
#14-13 x 4" DP1	.125" - 3.250"	14400SPC1CSBTSNB	500
#14-13 x 5" DP1	1.250" - 4.250"	14500SPC1CSBTSNB	500
#14-13 x 6" DP1	2.125" - 5.250"	14600SPC1CSBTSNB	500
#14-13 x 7" DP1	3.875" - 6.250"	14700SPC1CSBTSNB	500
#14-13 x 8" DP1	4.875" - 7.250"	14800SPC1CSBTSNB	250
#14-13 x 9" DP1	5.875" - 8.250"	14900SPC1CSBTSNB	250

PROPERTIES			
<b>Material</b>	C1022 Carbon Steel, Case Hardened		
<b>Finish</b>	Tri-Seal		
<b>Ultimate Strength</b>			<b>Corrosion Resistance</b>
Tensile (lbs.)	Shear (lbs.)	Torsional (in-lbs.)	ASTM B117 Salt Spray
2600	1500	95	1000 hrs. no red rust

HEAD PULL THRU -WOOD - Ultimate (lbs.)			
SG	Thickness		
	7/16"	19/32"	23/32"
0.42	527	714	866
0.45	605	820	994
0.50	746	1012	1227

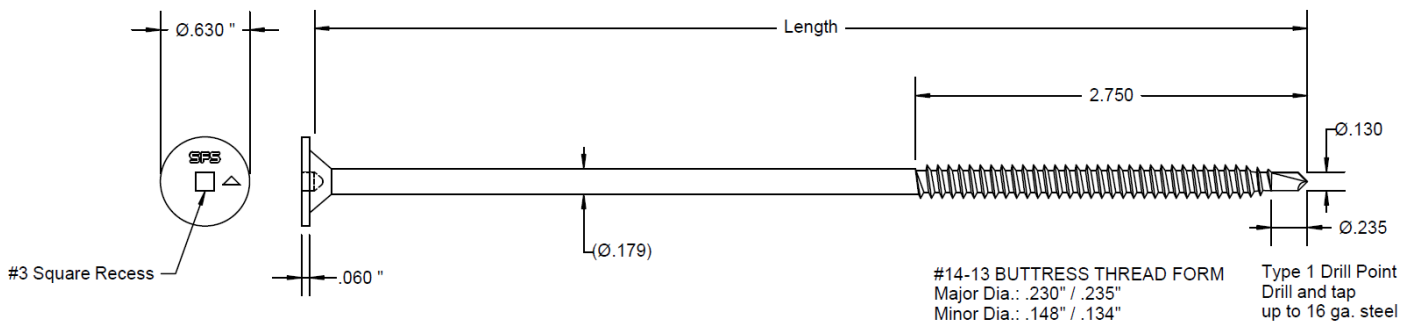
PULL-OUT - STEEL - Ultimate - lbs.						
Tensile Strength of Member	Thickness of Substrate					
	26 ga.	24 ga.	22ga.	20 ga.	18 ga.	16 ga.
33 ksi	189	216	270	324	431	539
50 ksi	234	312	390	467	623	779

WITHDRAWAL - WOOD - Ultimate (lbs.)				
SG	Length of Thread Engagement			
	1"	1-1/2"	2"	2-1/2"
0.42	591	886	1181	1477
0.45	678	1017	1356	1695
0.50	837	1256	1674	2093

PULL-OUT - CONCRETE - Ultimate - lbs.		
	Drill Size	Embedment
		1"
CMU (normal wt.)	3/16"	576
Concrete 3000 psi	3/16"	740

**INSTALLATION**

- Tool: 1800–2500 rpm screw gun equipped with depth torque control feature.
- DO NOT USE impact tools
- Package includes two #3 square drive bits.

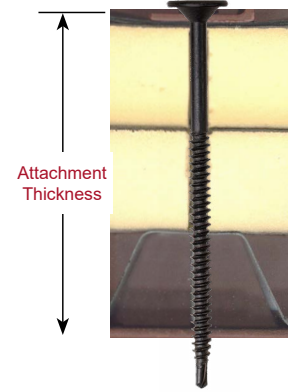
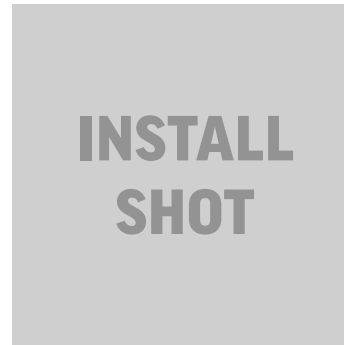


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# PRODUCT Description

The Concealor Nail Base (Concealor NB) is used for attaching nail base insulation panels or SIPs to thin metal or wood framing and designed to provide a clean, aesthetically pleasing appearance by hiding the fasteners underneath the panels, rather than leaving them exposed.

Some Common Applications for the Concealor NB are: Standing seam metal roofing systems, Architectural wall panels, Commercial and industrial buildings, Canopies and soffits, Pre-engineered metal buildings, and Metal cladding systems.



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## PRODUCT APPLICATIONS

- 01** This screw is for use with nail base panels or SIP panels
- 02** This concealor NB can drill & Tap up to 16ga. steel
- 03** The screw can be used to attach to steel, wood or concrete
- 04** The asymmetric buttress thread of the screw keeps connections tight

## PRODUCT CHARACTERISTICS

- 01** This screw has a large head for better pull-over resistance without the need of a washer or plates
- 02** The head of the screw has a #3 square recess drive for better engagement and easier driving
- 03** The screw's TRI-SEAL coating provides 10x the corrosion resistance of epoxy

PROPERTIES			
Material	C1022 Carbon Steel, Case Hardened		
Finish	Tri-seal		
Ultimate Strength		Corrosion Resistance	
TENSILE (LBS.)	SHEAR (LBS.)	TORSIONAL (IN-LBS.)	ASTM B117 SALT SPRAY
2600	2600	95	1000 HRS. NO RED RUST

**DISCLAIMER:** All information is non-binding and without guarantee. Before using the products, all specifications and calculations must be checked by a suitably qualified person and local regulations must be observed. This document is subject to revision. We reserve the right to make technical changes. (0321-1)