



Uncompromising Quality in Commercial Roofing

PRODUCT DATA SHEET

#14 TRUHD ROOFING FASTENERS



PRODUCT DESCRIPTION

#14 TRUHD Fastener is engineered to secure insulation, coverboards, base sheets and single-ply roof membrane systems to corrugated steel (16 - 22 ga.), wood, and concrete substrates. Featuring a #2 double flute self-drilling point and exclusive tapered entry thread design, they penetrate steel quickly and offer exceptional back-out resistance.

COMPATIBLE ACCESSORIES

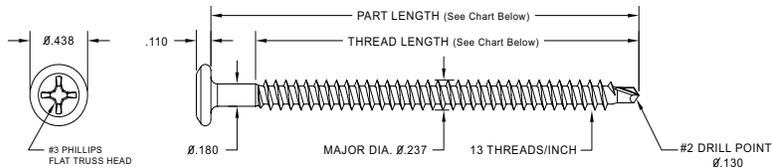
Use with 2" Metal Seam Plates or 3" Metal Insulation Plates

MATERIAL SPECIFICATIONS

Material: SAE C1022, heat treated

Coating: Epoxy E-Coat

PRODUCT SPECIFICATIONS



CODE APPROVALS & LISTINGS

FM Global



Miami-Dade County



State of Florida

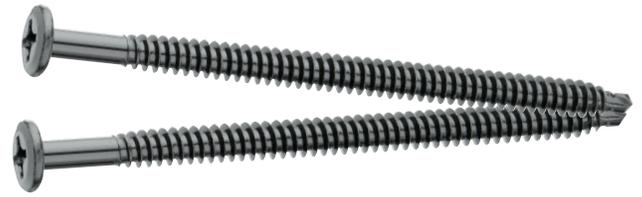
SRS Distribution

7440 S. Hwy 121
McKinney, TX 75070
srstopshield.com

Part No.	Part Length	Thread Length	Pkg. Qty.	Pkg. Wt.
TRUHD1500TS	1-1/2"	1-1/2" (Full)	1000/Bucket	12.9 lbs.
TRUHD2000TS	2"	2" (Full)	1000/Bucket	15.5 lbs.
TRUHD2500TS	2-1/2"	2-1/2" (Full)	1000/Bucket	19.4 lbs.
TRUHD3000TS	3"	2-7/8"	1000/Bucket	23.7 lbs.
TRUHD3500TS	3-1/2"	2-7/8"	1000/Bucket	26.4 lbs.
TRUHD4000TS	4"	3-7/8"	1000/Bucket	30.9 lbs.
TRUHD4500TS	4-1/2"	3-7/8"	1000/Bucket	33.6 lbs.
TRUHD5000TS	5"	3-7/8"	1000/Bucket	37.3 lbs.
TRUHD5500TS	5-1/2"	3-7/8"	1000/Bucket	40.8 lbs.
TRUHD6000TS	6"	3-7/8"	1000/Bucket	44.0 lbs.
TRUHD7000TS	7"	3-7/8"	500/Bucket	25.9 lbs.
TRUHD8000TS	8"	3-7/8"	500/Bucket	29.7 lbs.
TRUHD9000TS	9"	3-7/8"	250/Bucket	16.6 lbs.
TRUHD10000TS	10"	3-7/8"	250/Bucket	18.5 lbs.
TRUHD11000TS	11"	3-7/8"	250/Bucket	20.1 lbs.
TRUHD12000TS	12"	3-7/8"	250/Bucket	22.0 lbs.

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, DIN 50018	< 15% Red Rust after 30 cycles



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INSTALLATION GUIDELINES

For Steel and Wood Decks: Using the #3 Phillips drive bit provided and a 0-2500 rpm screw gun, install the fastener into the deck. The fastener must penetrate the deck a minimum of 3/4", as measured from the underside of the deck to the fastener tip. Care should be taken to orient the fastener perpendicular to the deck and not to overdrive the fastener to prevent damage to the insulation or membrane.

For Concrete Decks: Pre-drill a 3/16" diameter hole using a drill bit that meets the requirement of ANSI Standard B212.15. The hole must be a minimum of 1/2" deeper than the fastener embedment. Using the #3 Phillips drive bit provided and a 0-1500 rpm screw gun, install the fastener to a minimum embedment of 1" until the head of the fastener is properly seated in the plate or bar. Care should be taken to orient the fastener perpendicular to the deck and not to overdrive the fastener to prevent damage to the insulation or membrane.

Average Ultimate Pullout Values in Corrugated Steel Deck Substrates

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

Average Ultimate Pullout Values in Wood Substrates

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