

PRODUCT DESCRIPTION

The TRUFAST[®] #14 Bi-Metal Stainless Steel HD Fastener is made of 316 austenitic stainless steel alloy with a hardened carbon steel drill point. This all purpose roofing fastener is engineered to secure insulation, coverboards, base sheets and single-ply roof membrane systems to corrugated steel (18 – 24 ga.) and wood substrates. Featuring a #2 double flute self-drilling point and exclusive tapered entry thread design, it penetrates steel quickly and offer exceptional back-out resistance.

APPROPRIATE ACCESSORIES

Use with TRUFAST MP-2000, MPB-2000, MPB-2400, MP12S-2400, MP14B-2400 Seam Plates; MP-3000 and MPR-3000 Insulation Plates; and BB-18F or BB-18R Batten Bar.

CODE APPROVALS & LISTINGS

FM Global



Miami-Dade County



Florida Building Code

FL#: 4500

CE 2809-CPR-M0031
European Technical Assessment
ETA 19/0616
DOP No. DoPTru02-2022-01-03

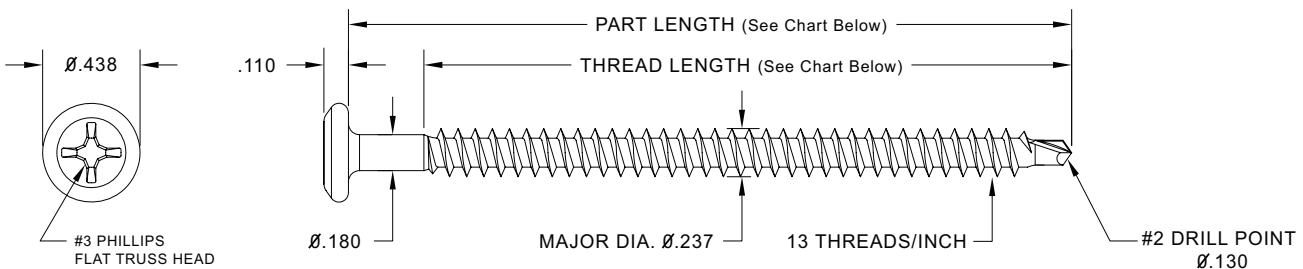


MATERIAL SPECIFICATIONS

Material: 316 Stainless Steel with a hardened carbon steel drill point

Coating: Electro-Zinc

PRODUCT SPECIFICATIONS



PRODUCT SELECTION

| Part No. | Part Length | Thread Length | Pkg. Qty. | Pkg. Wt. | Pallet Qty. |
|--------------|----------------|-----------------------|--------------|-----------|-------------|
| HDB-1500-SS | 1-1/2" 38.1 mm | 1-1/2" (Full) 38.1 mm | 1,000/Bucket | 15.7 lbs. | 80,000 |
| HDB-2000-SS | 2" 50.8 mm | 2" (Full) 50.8 mm | 1,000/Bucket | 19.2 lbs. | 80,000 |
| HDB-4000-SS | 4" 101.6 mm | 3-7/8" 98.4 mm | 1,000/Bucket | 33.4 lbs. | 80,000 |
| HDB-6000-SS | 6" 152.4 mm | 3-7/8" 98.4 mm | 1,000/Bucket | 47.7 lbs. | 60,000 |
| HDB-8000-SS | 8" 203.2 mm | 3-7/8" 98.4 mm | 500/Bucket | 31.5 lbs. | 40,000 |
| HDB-10000-SS | 10" 254.0 mm | 3-7/8" 98.4 mm | 250/Bucket | 19.9 lbs. | 15,000 |

PERFORMANCE DATA

| Property | Standard | Average Ultimate Value |
|----------------------|--------------------|-------------------------------|
| Tensile Strength | ASTM F606-10 | 2000 lbf. |
| Shear Strength | AISI S904 | 1400 lbf. (thread zone) |
| Corrosion Resistance | FM 4470, 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. | | |
|----------------|----------|----------|----------|----------|-----------|----------|----------|-----------|----------|----------|-----------|
| Yield Strength | 36.5 ksi | 33.0 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 | |

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" | Including Tip | Excluding Tip |
| Pullout (lbf.) | 270 | 290 | 310 | 410 | 360 | 410 | 730 | 600 | 795* |

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

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.

Bulletin No. TF-22073, Rev. 02/2026

DISCLAIMER

The information provided here is subject to change without notice. The performance specifications published in this TRUFAST® product literature are based on controlled laboratory tests and are intended as a guideline only. They are not guaranteed in any way by the ALTENLOH, BRINCK & CO US, INC., since building design, engineering, and construction,

including workmanship and materials, are beyond the control of the manufacturer. The manufacturer recommends that pull-out tests be conducted to verify the substrate provides adequate pull-out values.