

## #15 EHD Roofing Fasteners

### PRODUCT DESCRIPTION

The TRUFAST® #15 EHD Fastener is engineered for lap attachment to corrugated steel (18 – 22 ga.) and wood substrates in higher wind uplift roof assemblies. Featuring a #2 double flute self-drilling point and exclusive tapered entry thread design, they penetrate steel quickly and offer exceptional back-out resistance.

### APPROPRIATE ACCESSORIES

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

### CODE APPROVALS & LISTINGS

FM Global



Miami-Dade County



State of Florida - FL#: 4500

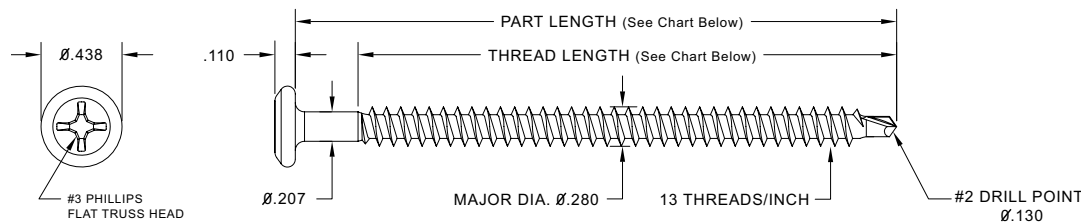
CE European Technical Approval ETA 09/0375

### MATERIAL SPECIFICATIONS

Material: SAE C1022, heat treated  
Coating: Tru-Kote™ Epoxy E-Coat

Manufacturing Location: Bryan, OH USA  
LEED® Eligible Recycled Content: 20%

### PRODUCT SPECIFICATIONS



### PRODUCT SELECTION

Part No.	Part Length		Thread Length		Pkg. Qty.	Pkg. Wt.	Pallet Qty.
EHD-1250	1-1/4"	38.1 mm	1-1/4" (Full)	38.1 mm	1000/Bucket	12.6 lbs.	80,000
EHD-2000	2"	50.8 mm	2" (Full)	50.8 mm	1000/Bucket	19.5 lbs.	80,000
EHD-3000	3"	76.2 mm	3" (Full)	76.2 mm	1000/Bucket	28.2 lbs.	80,000
EHD-4000	4"	101.6 mm	3"	76.2 mm	1000/Bucket	37.8 lbs.	60,000
EHD-5000	5"	127.0 mm	4"	101.6 mm	1000/Bucket	48.1 lbs.	60,000
EHD-6000	6"	152.4 mm	4"	101.6 mm	500/Bucket	27.9 lbs.	40,000
EHD-7000	7"	177.8 mm	4"	101.6 mm	500/Bucket	33.6 lbs.	40,000
EHD-8000	8"	203.2 mm	4"	101.6 mm	500/Bucket	37.3 lbs.	40,000
EHD-9000	9"	228.6 mm	4"	101.6 mm	250/Bucket	20.7 lbs.	15,000
EHD-10000	10"	254.0 mm	4"	101.6 mm	250/Bucket	23.7 lbs.	15,000
EHD-11000	11"	279.4 mm	4"	101.6 mm	250/Bucket	25.3 lbs.	15,000
EHD-12000	12"	304.8 mm	4"	101.6 mm	250/Bucket	28.9 lbs.	15,000
EHD-14000	14"	355.6 mm	4"	101.6 mm	250/Bucket	33.1 lbs.	7,500
EHD-16000	16"	406.4 mm	4"	101.6 mm	250/Bucket	36.9 lbs.	7,500
EHD-18000	18"	457.2 mm	4"	101.6 mm	250/Bucket	41.7 lbs.	7,500
EHD-20000	20"	508.0 mm	4"	101.6 mm	250/Bucket	46.7 lbs.	7,500
EHD-22000	22"	558.8 mm	4"	101.6 mm	250/Bucket	51.1 lbs.	7,500
EHD-24000	24"	609.6 mm	4"	101.6 mm	250/Bucket	56.1 lbs.	7,500



Enlarged to show detail.

### PERFORMANCE DATA

Property	Standard	Average Ultimate Value
Tensile Strength:	ASTM F606-10	4200 lbf.
Shear Strength:	NASM 1312-20	2400 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		
Pullout (lbf.)	390	465	695	805	605	855	970	925	1125	1215	1175	1370	1460		

### 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.)	295	300	310	515	400	525	685	1165*

\* 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  $\frac{3}{4}$ " 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 membrane.

### DISCLAIMER

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. U.S., INC. (the manufacturer), 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.



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TRUFAST® #15 EHD Roofing Fasteners are manufactured by the ALTENLOH, BRINCK & CO. U.S., INC. and are sold through leading roofing and building material distributors across the U.S. and Canada.